FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 7

Ornithology

Appendix 7.1

Baseline Ornithology Report

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

LITTLETON WIND FARM

Littleton Wind Farm Bird Report

Prepared for:
Littleton Wind Farm DAC

Date: **May 2026**

Document No:
P20-211-FT-XX-XX-RP-EN-0002

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Littleton Wind Farm Bird Report

REVISION CONTROL TABLE, CLIENT, KEYWORDS AND ABSTRACT

User is responsible for Checking the Revision Status of This Document

Rev. No.	Description of Changes	Prepared by:	Checked by:	Approved by:	Date:
D01	Final	CD/KB	RM	RM	21/05/2026

Client: Littleton Wind Farm DAC

Keywords: Littleton, Wind Farm, Birds

Abstract: This report details the bird surveys conducted at the proposed Littleton Wind Farm, Co. Tipperary in 2020 and 2025.

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1. OVERVIEW

Fehily Timoney & Company (FT) was appointed by An Coimisiún Pleanála (formerly An Bord Pleanála) to undertake ornithological surveys at the proposed Littleton Windfarm from 2020 to 2025 (hereafter known as the proposed development). The site is located in Co. Tipperary at National Grid Reference: SF 17494 21068 and is c. 9km east of Thurles. The proposal is for a 11-turbine windfarm.

Ornithological survey work, compliant with SNH (2017), commenced at the proposed Littleton Wind Farm in October 2020 and was competed in March 2025.

Summer (breeding season) surveys undertaken included:

- Vantage point (VP) watches recording flight activity.
- Breeding bird surveys: breeding waders survey transects and point counts, incorporating a number of methods combined from published literature including Bibby *et al.*, (2000), Gilbert *et al.*, (1998), O'Brien & Wilson (2011) and SNH (2017) to estimate numbers of target species; dusk surveys for crepuscular/nocturnal species and breeding kingfisher habitat suitability survey
- Wider area surveys: breeding raptor surveys within a 2km site buffer

Winter (non-breeding season) surveys undertaken included:

- Vantage point (VP) watches recording flight activity;
- Winter site walkover surveys;
- Wider area wintering waterbird surveys (IWeBS); and,
- Hen harrier roost watches

For the purpose of the ornithological surveys, the 'study area' was defined as the area extending 500 m around the proposed turbine locations. This report documents the results from the desk study and field surveys to provide the baseline ornithological information required to inform an ornithological impact assessment for the proposed Littleton Wind Farm.

This report presents the results of these ornithological surveys and summarises the activity of bird species during the following survey periods; winter 2020/2021, summer 2021, winter 2021/2022, summer 2022, winter 2022/2023, summer 2023, winter 2023/2024, summer 2024 and winter 2024/2025. The study area of the proposed Littleton Wind Farm is located *c.* 9km west of Thurles, Co. Tipperary.

1.1 Study Area

The proposed Littleton Wind Farm is located *c.* 1km east of Littleton Co. Tipperary at its southern tip and stretches northward to near the Tipperary/Kilkenny border. The site encompasses parts of the townlands of Kilmakill, Longfordpass North, Leigh, Longfordpass South, Bawnreagh, Noard, Clonoura, Newhill, Derryhogan, Ballybeg, Derryvella, Lanespark, Killeen.

Habitats and land uses within the site of the proposed Littleton Wind Farm were identified and classified according to 'A Guide to Habitats in Ireland' (Fossitt, 2000) as: Raised Bog (PB1); Cutover Bog (PB4); Poor fen and flush (PF2); Other artificial lakes and ponds (FL8); Reed and large sedge swamps (FS1); Mixed broadleaved woodland (WD1); Conifer plantation (WD4); Bog woodland (WN7); Scrub (WS1); Immature woodland (WS2); Hedgerow (WL1); Treelines (WL2); Improved agricultural grassland (GA1); Amenity grassland – improved (GA2); Dry meadows and grassy verges (GS2); Dense Bracken (HD1); Buildings and artificial surfaces (BL3); Horticultural land (BC2).

Site Boundary:
MapGenie Discovery ITM: © Tailte Éireann
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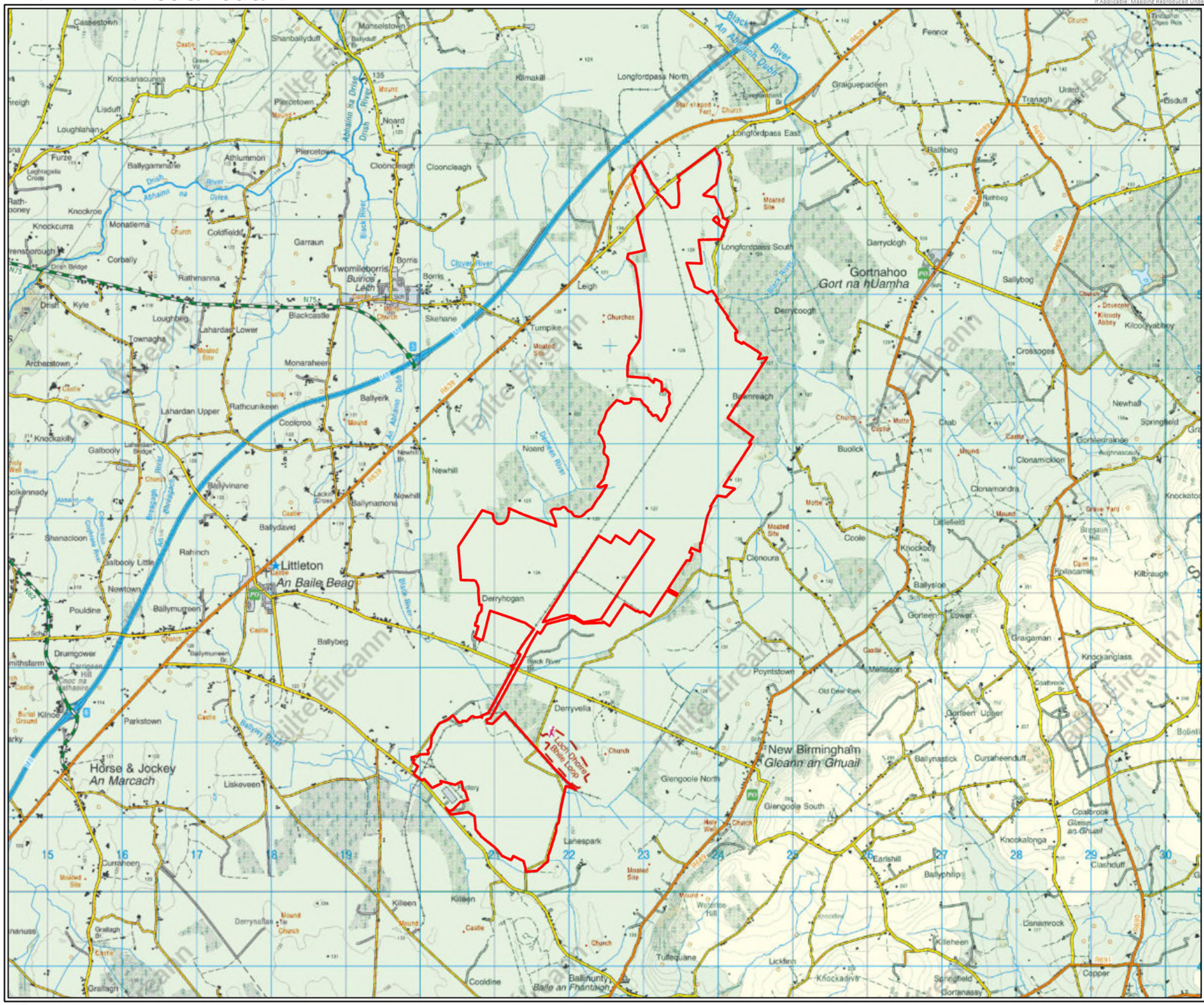

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Site Boundary

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FIGURE NO:	INFO
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2. DESK STUDY

A desk study (20 km study area) was carried out throughout the EIA process and finalised in February 2026 to collate and review available information, datasets and documentation sources pertaining to relevant information on bird species of conservation concern. The desk study collated and analysed ornithological data from the following sources:

- National Parks and Wildlife Service (NPWS) website (mapviewer).
- National Biodiversity Data Centre (NBDC) website and data;
- Irish Wetland Bird Survey I-WeBS datasets;
- Bird Atlases, including: Ireland's Wetlands and their Waterbirds: Status and Distribution (Crowe 2005), the Atlas of Wintering Birds in Britain and Ireland (Lack, 1986), the Atlas of Breeding Birds in Britain and Ireland (Sharrock, 1976); the Breeding and Winter Birds of Britain and Ireland Bird Atlas 2007-11 (Balmer *et al.*, 2013); and the European Bird Atlan (European Bird Census council - https://ebba2.info/maps/).
- Aerial imagery of the Site and surrounding lands (captured in 2022)
- Tailte Éireann National Land Cover Map
- OSI Aerial photography and 1:50000 mapping
- OPW drainage and flood maps
- EPA website
- In relation to designated sites: NPWS Protected Sites map-viewer[1], National Parks and Nature Reserves mapping[2] and Wildfowl sanctuaries[3] were also referred to.

Target Species

Bird records for the last 10 years for the 10 km national grid square encompassing the study area [S25] were collated from the National Biodiversity Data Centre (NBDC) database, using the report function on Biodiversity Maps. Most of these records are based on the Bird Atlas 2007-11 (*Balmer et al.*, 2013). A full list of records returned from the NBDC data search is contained in Appendix I - NBDC Search. These records were reviewed to investigate the target species potentially occurring within the Proposed Development and wider area to inform survey design and identify any potential ornithological constraints. The following criteria has been utilised to select target species for the current study. Scottish Natural Heritage (SNH) guidance (SNH, 2017) on the assessment of the effects of wind farms on ornithological interests suggests that there the important species lists from which target species can be drawn, as follows:

- Species listed on Annex 1 of the Birds Directive (EC, 2009)
- Red-listed birds of Conservation Concern
- Amber-listed birds of Conservation Concern
- Schedule 1 of the Wildlife and Countryside Act 1981 (not applicable in Ireland) and;
- Regularly occurring migratory species.
- Ground nesting species.

[1] https://experience.arcgis.com/experience/edf34d92e28040fd87d3d14f55d8d95f
[2] https://www.npws.ie/national-parks and https://www.npws.ie/nature-reserves
[3] https://www.npws.ie/protected-sites/wildfowl-sanctuaries

In addition to the above, consideration was given to species identified locally as being of conservation concern, regionally or those particularly susceptible to impact from wind farm development. Note that not all species on the above lists would be categorised as target species, e.g. most passerine species and general lowland farmland birds are not considered to be particularly susceptible to impacts from wind farms (SNH, 2017).

In the Irish context, it has been suggested that target species should be taken from species of conservation concern in Ireland (BoCCI) (Gilbert *et al*., 2021), those likely to occur within the vicinity of the Proposed Development, and those most at risk from particular impacts such as disturbance and displacement (Nairn, R. and Partridge, K., 2013).

'Birds of Conservation Concern in Ireland' (BoCCI) are classified into three separate lists: red, amber, and green. Red-listed species are of high conservation concern, Amber-listed species are of medium conservation concern and Green-listed species are considered to be of no conservation concern (Gilbert *et al*., 2021).

To date four BoCCI lists have been published with the current list by Gilbert *et al*., (2021) superseding the three former lists by Colhoun and Cummins (2013), Lynas *et al*., (2007), and Newton *et al*., (1999). The conservation status of bird species found in this study was assessed using the most recent (2021) BoCCI List (Gilbert *et al*., 2021).

Additionally, a review of the bird species listed on Annex I of the EU Birds Directive (2009/147/EC) was undertaken in assessing the conservation status of birds. Annex I species are afforded additional protection through the designation of Special Protection Areas (SPAs) throughout EU countries in addition to existing National legislation.

The NPWS Designations Viewer was used to identify the location of sites designated for nature conservation, specifically Special Protection Areas (SPAs), and the bird species (Qualifying Interests) for which these sites have been designated. The EPA mapping tool was used to investigate hydrological connectivity to sites designated for nature conservation.

Based on SNH (2017) guidelines, migratory populations of wintering geese and swans are considered to be notably sensitive to wind farm developments. As such, in addition to whooper swan, population censuses for greylag goose (Boland & Crowe, 2008; Lewis et al., 2019a) and Greenland white-fronted goose (Fox et al., 2021) were also reviewed.

2.1 Special Protection Areas (SPAs)

All SPAs within the vicinity of the proposed development site (or with a direct hydrological connection) were reviewed and are listed in Table 2-1 and shown in Figure 2-1.

No SPAs located within the 20km survey area. As detailed in Table 2-1, four SPAs outside of this were noted due to their designation of bird species and include River Nore SPA (EPA code: 004233), Slievefelim to Silvermines Mountains SPA (EPA code: 004165), Slieve Bloom Mountains SPA (EPA code: 004160) and Lough Derg (Shannon) SPA (EPA code: 004058).

SNH guidelines recommend that core foraging ranges of species should be examined to assess connectivity between the site and surrounding SPAs (SNH, 2016, 2017).

The River Nore SPA is designated for kingfisher A*lcedo atthis*, as it supports a nationally important population of kingfisher, a species listed on Annex I of the E.U Birds Directive (NPWS, 2011). Slievefelim to Silvermines Mountains SPA and Slieve Bloom Mountains SPA are designated for hen harrier *Circus cyaneus.*

SNH (2016) does not report winter foraging ranges for hen harrier, but the maximum reported breeding foraging range is 10 km. The Slievefelim to Silvermines Mountains SPA lies approximately 25 km north of the study area and is therefore considered to lie outside of the core foraging range of these birds.

Table 2-1: Designated Sites within the Zone of Interest (ZoI) of the Proposed Littleton Wind Farm

Special Protection Areas (SPAs)	Distance to proposed development	Qualifying Interests
River Nore SPA (site code: 004233)	c. 21.8km E	Kingfisher (*Alcedo atthis*) [A229]
Slievefelim to Silvermines Mountains SPA (site code: 004165)	c. 25.7km W	Hen Harrier (*Circus cyaneus*) [A082]
Slieve Bloom Mountains (site code: 004160)	c. 30.3km N	Hen Harrier (*Circus cyaneus*) [A082]
Lough Derg (Shannon) SPA (site code: 004058)	c. 48.5km NW	Cormorant (*Phalacrocorax carbo*) [A017] Tufted Duck (*Aythya fuligula*) [A061] Goldeneye (*Bucephala clangula*) [A067] Common Tern (*Sterna hirundo*) [A193] Wetland and Waterbirds [A999]

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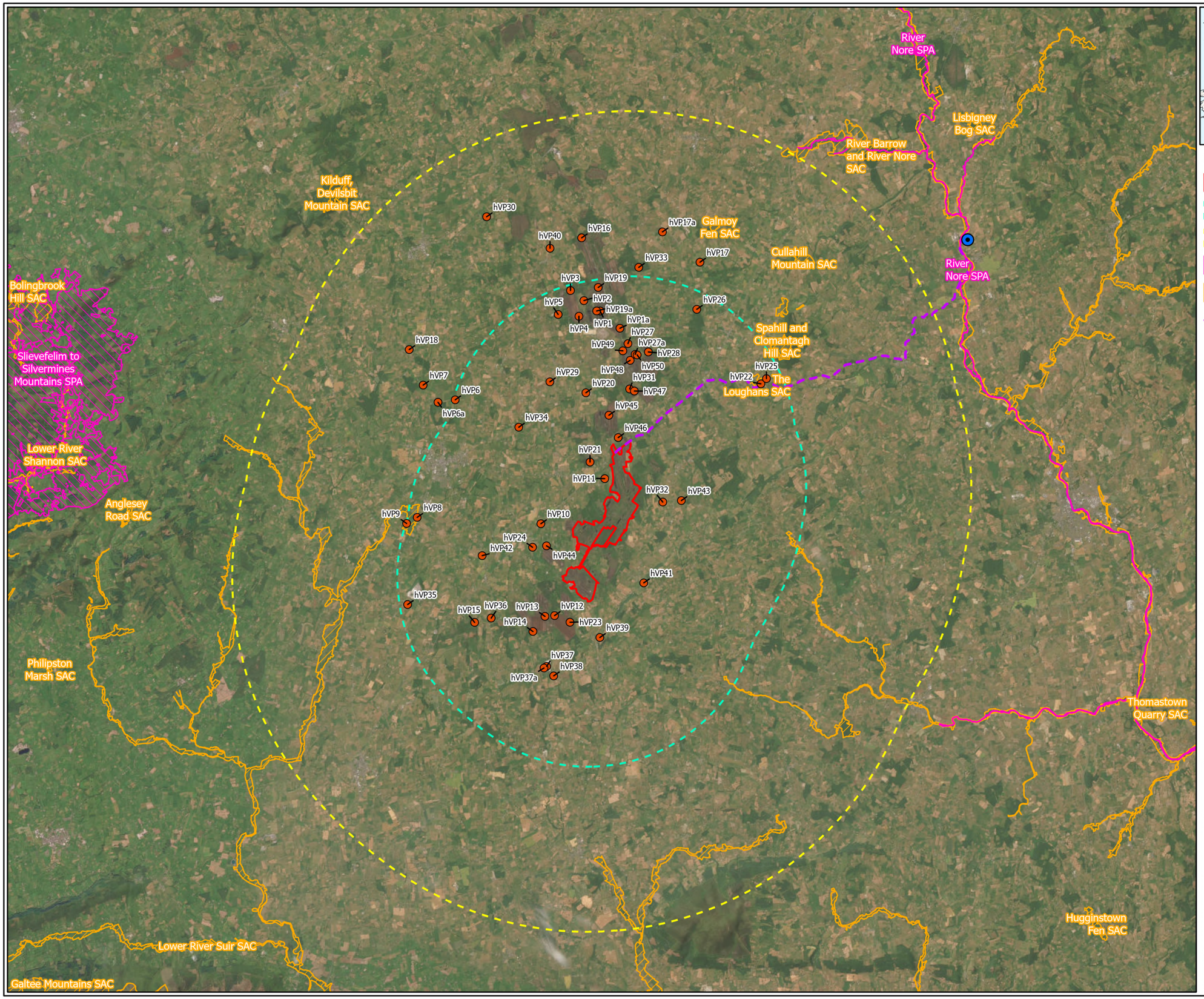

Legend

- Site Boundary
- 10km
- 20km
- Special Protection Areas
- Special Area of Conservation
- Grid Connection Route
- Ballyragget 110kV Substation
- Hinterland Sites (hVP)

Sites within ZoI	Code
River Nore SPA	004233
Slievefelim to Silvermines Mountains SPA	004165
Slieve Bloom Mountains SPA	004160

TITLE:	European Sites within Zone of Influence		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	2.1		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:225,000	**REVISION:**	0
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2.2 Heritage Areas (NHA) and proposed Natural Heritage Areas (pNHA).

Sites of National Importance in Ireland are termed Natural Heritage Areas (NHA) and proposed Natural Heritage Areas (pNHA).

An initial assessment was made to identify all sites of National importance within 20km of the Proposed Development, having regard to core foraging ranges for birds set out in SNH, 2016.

There are no NHAs located within 20 km of the Proposed Development. Slievenamon Bog NHA (002388) is located 26 km south from the Proposed Development and, from an ornithological perspective is noted to have historically supported Skylark, Meadow Pipit and Kestrel. SNH (2016) guidelines note skylark, meadow pipit, and kestrel to have a small core foraging range of 500m - 2km. As such, the NHA is determined to be outside the ZoI of the Proposed Development.

There are 18 pNHAs within 20km of the Proposed Development, of which the following have potential to support birds of conservation concern: Ardmayle Pond (000945), Ballykeefe Wood (000400), Cabragh Wetlands (001934), Cullahill Mountain (000831), Galmoy Fen (001858), Grove Wood (000954), Kilcooly Abbey Lake (000958), Killough Hill (000959), Kyleadohir Wood Nature Reserve (000405), Laffansbridge (000965), Lizzy Smyth's Bog (001980), Moneypark, Fethard (000966), Ormond's Mill, Loughmoe, Templemore (002066), Power's Wood (000969), Spahill And Clomantagh Hill (000849), Templemore Wood (000942), The Curragh And Goul River Marsh (0004200), The Loughans (000407). The majority of these sites are identified as important turlough habitats, while there are some proposed for protection for lowland wet grassland, freshwater marsh, reed-beds, raised bog and fen (see table xx).

Due to the absence of accommodation works proposed at or near any of the water crossings in the Suir and Nore catchments, there is no tangible hydrological connection between any NHA/pNHA and the TDR (turbine delivery route).

There are no wildfowl sanctuaries in close proximity to the proposed development, with the closest, WFS-64 Marlfield Lake being located 29km south at Clonmel. Wildfowl Sanctuaries are areas that have been excluded from the ‘Open Season Order’ so that game birds can rest and feed undisturbed.

The locations of these sites relative to the Proposed Development is shown on Figure 2-2.

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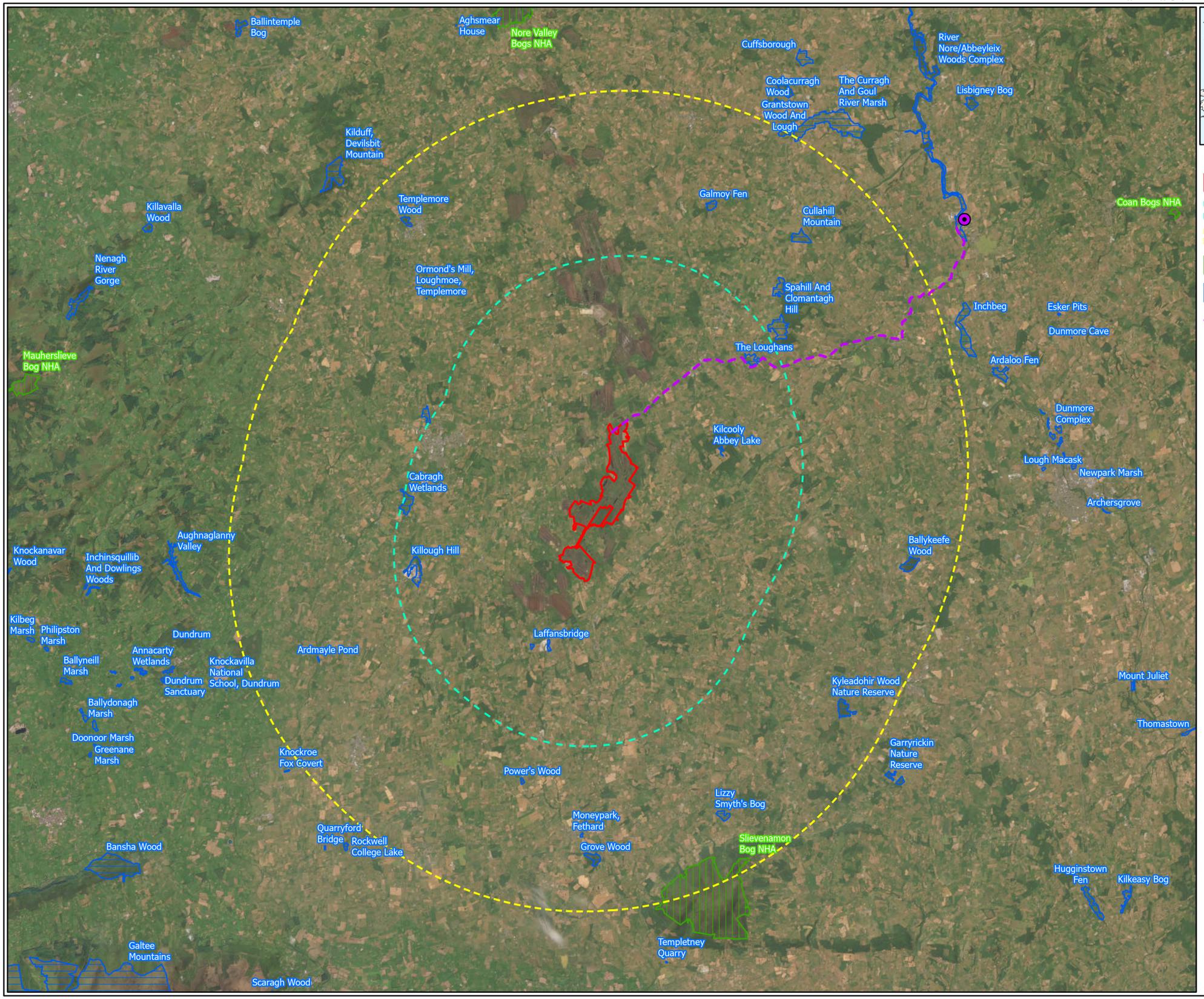

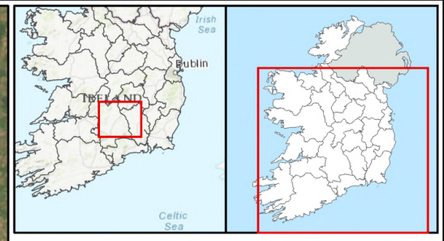

Legend

- Site Boundary
- 10km
- 20km
- Natural Heritage Areas
- Proposed Natural Heritage Areas
- Grid Connection Route
- Ballyragget 110kV Substation

Sites within ZoI	Code
Cabragh Wetlands pNHA	001934
The Loughans pNHA	000407
River Nore/ Abbeyleix Woods Complex pNHA	002076
Inchbeg pNHA	000836

TITLE:	National Sites within Zone of Influence		
PROJECT:	Littleton Wind Farm		
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3. SURVEY METHODOLOGY

The following ornithological surveys were undertaken vantage point survey, breeding bird transect survey, wintering bird transect survey, breeding wader survey, hinterland survey, black-headed gull colony survey, merlin, barn owl and kingfisher targeted surveys.

Vantage point surveys carried out at the proposed Wind Farm adhered to Scottish Natural Heritage guidance (SNH, 2017). Hinterland surveys were undertaken following methodology by Lewis *et al.* (2019), Hardey et al. (2013) and O' Donoghue (2012). Breeding moorland birds were surveyed using adapted Brown & Shepherd (1993) methodology based on recommendations set out in Calladine *et al.* (2009). Breeding bird transects method utilised is based on the existing British Trust for Ornithology (BTO) Breeding Bird Survey (BBS or CBS). Winter bird transect surveys were conducted following a modified wintering bird transect survey method based on Brown and Shepherd (1993) and recommended in published guidance from Scottish Natural Heritage (2017). The method for red grouse surveys is based on previous surveys in Ireland (Cummins *et al.* 2010).

3.1 Vantage Point Surveys

Vantage Point (VP) surveys were carried out at the proposed Littleton Wind Farm site across five years between 2020 to 2025. This report presents the results of these ornithological surveys and summarises the activity of bird species during the following survey periods; winter 2020/2021, summer 2021, autumn migration 2021, winter 2021/22, spring migration 2022, summer 2022, autumn migration 2022, winter 2022/23, autumn migration 2023, summer 2023, winter 2023/24, summer 2024 and autumn migration 2025 in accordance with the Scottish Natural Heritage Methodology for onshore Wind Farms (SNH, 2017). The study area of the proposed Littleton Wind Farm is located *c.* 9km west of Thurles, Co. Tipperary.

These surveys were divided into winter (October 2020 – March 2021; October 2021 - March 2022; October 2022 - March 2023; October 2023 - March 2024; October 2024 - March 2025), summer (April – September 2021; April - September 2022; April - September 2023; April - September 2024; April) seasons. Eight fixed VP locations overlooking the study area were used during the VP surveys (Table 3-1). These specific viewsheds chosen to ensure the entire proposed Littleton Wind Farm was surveyed, as well as a 500 m buffer. Six-hour watches were conducted at each VP per month.

The main purposes of vantage point survey watches are to collect data on target species that will enable estimates to be made of:

a) The time spent flying over the defined survey area;
b) The relative use of different parts of the defined survey area; and
c) The proportion of flying time spent within the upper and lower height limits as determined by the rotor diameter and rotor hub height.

Vantage point locations were based on observations from walkover/reconnaissance surveys, viewshed analysis (using GIS) and collated information on known feeding and roosting sites from both desktop review and consultation. The number and location of vantage points was selected in order to achieve visibility of the entire study area and important features for birds in close proximity to the site (e.g., lakes, wetlands).

In line with recommended best practice (SNH, 2017 and Band *et al*., 2007), viewshed analysis was undertaken using ARCMAP 10.4.1, to calculate a theoretical zone of visibility from each vantage point. Visibility is calculated from each vantage point along an invisible layer suspended at the predicted lowermost height passed through by the rotor blade tips, using an observer height of 1.5 m.

We note the following from SNH guidance in respect of priority areas for viewshed analysis (emphasis added):

"Where the key purpose is to estimate the risk of collision with turbines, it is the visibility of the airspace to be occupied by the turbine rotors (the collision risk volume) that is of prime importance. Therefore, it is recommended that visibility be calculated using the least visible part of this airspace, i.e. an imaginary layer suspended at the lowermost height passed through by the rotor blade tips (typically about 20-30m above ground level). Predicting visibility at this level is a simple task using GIS; however, it should be noted that the baseline should take account of any forestry or other features that will potentially obstruct the view. For example, forestry may be 10-30m high and if viewshed height is taken as 20-30m ground level the visible area could be overestimated if there is forestry within the viewshed. Being able to view all or most of the site to ground level can be helpful in gauging overall bird activity and usage of the site but is not as important as being able to view the collision risk volume"

Following SNH guidance (2017), watches were conducted to sample diurnal and crepuscular activity of target species and matched the required effort from SNH.

Data recorded included flight activity of target species (flight height, duration, directionality) in addition to metrics such as flock size (per recorded transit) and time of observation. Detailed notes of each observation of a target bird species were recorded including behaviour, gender (where possible), numbers, flight height, associated habitat and the period of time spent within the study area. Successful foraging events were also noted if they arose. Other bird species seen or heard during the VP surveys were also recorded and were considered separately in the analysis as additional species. Flight activity was annotated onto field maps. Total numbers of birds present both on arrival at the vantage point and on departure is noted. Binoculars are used to scan for target species. Dictaphones are utilised to dictate bird heights whilst tracking flight events.

Flight heights are estimated visually as allowed for in SNH (2017) guidance. Flight height estimation using a clinometer or rangefinder is accepted as an alternative means of determining flight height however this is often not practicable (equipment may be clumsy and birds may be lost from view whilst trying to focus additional equipment on a target species rapidly moving out of sight); it should be noted that in practice many flocks of swans do not fly close enough to a surveyor for a rangefinder to be used, resulting in most flights heights being estimated in any case.

Table 3-1: Grid References for VP locations at Littleton Wind Farm

Site	Vantage Point	Easting, Northing (ITM)
Littleton WF	VP 1	622926, 652324
	VP 2	621290, 651859
	VP 4	621066, 653570
	VP 5	623254, 654061
	VP 6	623662, 656688
	VP 7	623263, 657482
	VP 8	623122, 659316
	VP 14	623662, 656688

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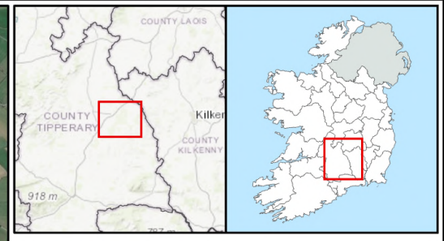

Legend

- Site Boundary
- 500m Turbine Buffer
- VP1 Viewshed
- VP2 Viewshed
- VP4 Viewshed
- VP5 Viewshed
- VP6 Viewshed
- VP7 Viewshed
- VP8 Viewshed
- VP14 Viewshed
- VP locations

Name	X	Y
VP1	622926	652324
VP2	621290	651859
VP4	621066	653570
VP5	623254	654061
VP6	623662	656688
VP7	623263	657482
VP8	623122	659316
VP14	623662	656688

TITLE: Vantage Point (VP) and Viewshed Analysis

PROJECT: Littleton Wind Farm

FIGURE NO: 3.1

CLIENT: Littleton Wind Farm DAC

SCALE: 1:50,000 **REVISION:** 0

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3.2 Breeding Bird Transect Surveys

For the general breeding bird survey, the method utilised was based on the existing British Trust for Ornithology (BTO) Breeding Bird Survey ((BBS or CBS; Bibby et al. 2000).

The study area comprised a total of eight transects and two-point counts centred on different habitats present within the subject site (see Figure 3-2). Birds were counted over two visits, each timed to coincide with the early part of the breeding seasons (April 2021 and April/May 2022, April/May 2023 and April/May 2024) and later part of the season with visits (May/June 2021; June 2022; May/June 2023 and May/June 2024) at least four weeks apart. See Table 3-2 for full survey schedule. Surveyors recorded all birds seen or heard as they walked methodically along the transect routes. Birds were noted in four distance categories, measured at right angles to the transect line (within 25 m, between 25 m-100 m and over 100 m from the transect line) and those seen in flight only. Recording birds in distance bands gives a measure of bird detectability and allows relative population densities to be estimated if required (BTO, 2018). For full survey conditions see Appendix III

Table 3-2: Breeding bird transect survey effort

Date	Round	Surveyor	Transect Number
4/13/2021	1	BP	BB-T1
4/14/2021	1	BP	BB-T6, BB-T5
4/15/2021	1	BP	BB-T4, BB-T3
4/16/2021	1	BP	BB-T7, BB-T8
4/17/2021	1	BP	BB-T2
5/18/2021	2	BP	BB-T1
5/31/2021	2	BP	BB-T2, BB-T6
6/1/2021	2	BP	BB-T5
6/2/2021	2	BP	BB-T8. BB-T7
6/3/2021	2	BP	BB-T3
6/17/2021	2	BP	BB-T4
4/2/2021	1	BP	BB-T1
4/3/2021	1	BP	BB-T6, BB-T5
4/7/2021	1	BP	BB-T3
4/8/2021	1	BP	BB-T2
4/9/2021	1	BP	BB-T4
5/6/2022	1	BP	BB-T8

Date	Round	Surveyor	Transect Number
5/7/2022	1	BP	BB-T7
6/12/2022	2	BP	BB-T3
6/13/2022	2	BP	BB-T4, BB-T1
6/14/2022	2	BP	BB-T5, BB-T6
6/15/2022	2	BP	BB-T8, BB-T7
6/16/2022	2	BP	BB-T2
4/2/2023	1	BP	BB-T2
4/4/2023	1	BP	BB-T5, BB-T6
4/14/2023	1	BP	BB-T3, BB-T1
4/15/2023	1	BP	BB-T4, PC2
5/1/2023	1	BP	BB-T7, BB-T8
5/30/2023	2	BP	BB-T1, PC2
5/31/2023	2	BP	BB-T2
6/1/2023	2	BP	BB-T3, BB-T4
6/2/2023	2	BP	BB-T6, BB-T5
6/15/2023	2	BP	BB-T8, BB-T7
4/18/2024	1	BP	BB-T5, BB-T6, BB-T1, PC2
4/19/2024	1	BP	BB-T3, BB-T4
4/24/2024	1	BP	BB-T2
5/10/2024	1	BP	BB-T7, BB-T8
5/9/2024	1	BP	PC3
5/16/2024	2	BP	BB-T4
6/2/2024	2	BP	BB-T1, BB-T2, BB-T5
6/1/2024	2	BP	PC2
6/3/2024	2	BP	BB-T3

Date	Round	Surveyor	Transect Number
6/19/2024	2	BP	BB-T6, BB-T7
6/18/2024	2	BP	PC3
6/20/2024	2	BP	BB-T8

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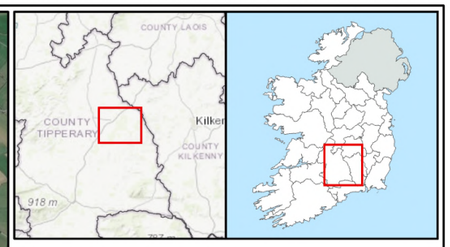

Legend

- Site Boundary
- Transcects (BB-T)
- Point Counts (PC)

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TITLE:	Breeding Bird Surveys		
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3.3 Wintering Bird Transect Surveys

Winter bird transects are typically aligned with the same transects used for breeding bird surveys, following the principles set out in SNH (2017). However, winter transects carried out on the proposed development were modified to account for strong habitat associations of key wintering species. Wintering birds and waterbirds are closely linked to habitats such as open water and lake margins, wet grassland, scrub, and immature woodland, providing foraging opportunities and shelter during the winter period. These altered transect locations allowed for more accurate detection of species whose distribution is closely linked to specific habitat types during the winter period, provides a more robust dataset for assessing wintering bird activity on site.

During winter survey season three survey rounds were undertaken (spread over five seasons) between early October 2020 - March 2021; October 2021 - March 2022; October 2022 - March 2023; October 2023 - March 2024; and October 2024 - March 2025. Winter walkover survey coverage is shown on xx. As such, winter walkovers provide useful information on the distribution of winter bird species occurring within the proposed development site and how they are utilising each habitat type. Walkovers are also a more suitable survey method for species which are difficult to detect during VP watches, such wintering woodcock, and rarer passerine species. For full weather survey detail and weather conditions see Appendix IV

The wintering bird transect schedule is available in Table 3-3.

Table 3-3: Wintering bird transect survey details

Date	Transect	Round	Surveyor	Start Time
7/11/2020	4	1	SK	14:50
21/11/20	1	1	GP	12:35
22/11/20	3	1	GP	13:10
28/11/20	2	1	GP	7:55
5/1/2021	2	2	GP	13:12
14/01/21	3	2	GP	11:55
23/01/21	1	2	GP	12:55
3/2/2021	1	3	GP	11:25
6/2/2021	3	3	GP	12:25
15/02/21	2	3	GP	12:00
2/10/2021	2	1	GP	13:35
13/10/21	1	1	GP	15:45
21/10/21	4	1	BP	10:26
23/10/21	3	1	GP	10:35
2/12/2021	2	2	GP	10:50
10/12/2021	1	2	GP	11:00
17/12/21	4	2	BP	11:40
18/12/21	3	2	GP	10:58
2/2/2022	1	3	GP	12:47
14/02/22	2	3	GP	13:55
19/02/22	3	3	GP	11:10

Date	Transect	Round	Surveyor	Start Time
7/3/2022	4	3	BP	10:05
6/10/2022	1	1	GP	14:24
6/10/2022	2	1	GP	10:11
6/10/2022	3	1	GP	15:23
20/10/2022	4	1	BP	10:25
3/12/2022	4	2	BP	12:35
6/12/2022	2	2	GP	10:50
14/12/22	3	2	GP	12:45
22/12/22	1	2	GP	13:28
2/2/2023	1	3	GP	8:00
2/2/2023	2	3	GP	12:05
5/2/2023	3	3	GP	10:55
10/2/2023	4	3	BP	8:45
6/10/2023	3	1	GP	10:14
6/10/2023	1	1	GP	14:58
26/10/23	1	1	GP	7:59
28/10/23	4	1	BP	11:17
2/12/2023	3	2	GP	8:34
4/12/2023	1	2	GP	9:39
14/12/23	2	2	GP	13:16
10/1/2024	4	2	BP	11:53
7/2/2024	3	3	GP	7:31
12/2/2024	1	3	GP	10:04
12/2/2024	2	3	GP	14:35
15/02/2024	4	3	BP	11:00
2/10/2024	3	1	GP	8:22
3/10/2024	2	1	BP	14:10
3/10/2024	4	1	GP	10:13
29/10/2024	1	1	GP	13:52
14/12/24	3	2	BP	11:06
14/12/2024	4	2	GP	12:55
15/12/24	2	2	BP	12:55
19/12/2024	1	2	GP	12:42
2/2/2025	4	3	GP	10:42
8/2/2025	3	3	BP	14:12

Date	Transect	Round	Surveyor	Start Time
8/2/2025	2	3	BP	16:06
18/02/2025	1	3	GP	14:24

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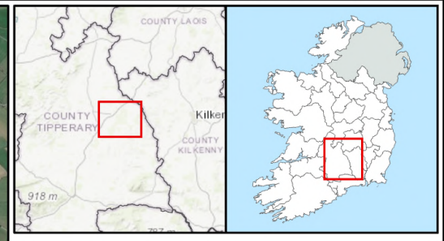

Legend

- Site Boundary
- Winter Transects

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3.4 Breeding Waders Surveys

Due to the overlap between habitat suitability and site use for breeding waders and waterbirds such as gulls, geese, ducks and rails, the breeding wader survey methodology also captured data on breeding waterbirds.

Survey transects and point counts (See Figure 3-4) to assess the presence of breeding wader populations were completed during summer 2021; summer 2022; summer 2023 and summer 2024(see Table 3-4-3 for wader survey schedule). A number of methods were combined from published literature including Bibby et al, (2000), Gilbert et al, (1998), Brown & Shepperd (1993) and SNH (2017) to estimate numbers of target species breeding within this envelope.

Methods utilised were grouped into two categories; those for breeding lapwing *Vanellus vanellus* and those for other species such as curlew *Numenius arquata*, common snipe *Gallinago gallinago*, redshank *Tringa totanus*, woodcock *Scolopax rusticola*, common sandpiper *Actitis hypoleucos* and ringed plover *Charadrius hiaticula*. For each species, a pre-defined matrix of suitable habitats was created and used to select target habitats for survey (Table 3-4-1).

Where it was unsuitable to walk along a transect due to the risk of disturbing nervous birds such as Lapwing with potential adverse effects on breeding, Wader Point Count (WPC) methodology was employed from a suitable distance or cover where available. The area assessed was all suitable habitats within the study area and all surveys were carried out during suitable weather conditions.

Table 3-4: Target Species and Associated Suitable Breeding Habitat

Target Species	Suitable Breeding Habitat
Lapwing	Lowland wet grassland, arable farmland, cutover bog with pools and wet grassland
Snipe	Wet pastures, marsh, bogs (intact and cutover) and fens
Redshank	Bog
Curlew	Bog
Common Sandpiper	Streams/rivers in bog
Woodcock	Woodland, bog woodland
Ringed Plover	Cutover bog, milled peat with exposed gravel

Survey methods for lapwing followed those in Bibby et al. (2000) where the primary count unit for breeding birds is defined as an incubating female. In addition, displaying birds, birds standing guard near nests or distraction displays were also recorded as indications of occupied territories. Extensive areas of open ground were covered from roads, farm tracks or roadsides (where possible); larger areas of open ground not visible from easily accessible vantage points were walked using transects.

Surveys were carried out during the time periods recommended in Bibby *et al.* (2000) although territorial behaviour noted outside these periods was also utilised in the assessment. For all additional species of wader, the employed method was the same and utilised transects walked through suitable habitat within three hours of dawn or dusk. Count units were predefined for each target species and included in the method statement provided to surveyors (See Table 3-4-2).

Table 3-5: Count Units for each Wading Species

Species	Unit
Lapwing	Incubating Bird
Common Snipe	Drumming or Chipping Bird
Redshank	Alarming Bird
Ringed Plover	Presence or Absence/ Fledged Young late in season
Common Sandpiper	Presence or Absence/ Fledged young late in season
Curlew	Territorial Activity

All suitable habitats for waders were visited, during the months of April-August 2021; April-July 2022; April-July 2023 and April-July 2024. All species encountered (seen or heard) were recorded and their abundance, behaviour, sex/age and breeding status noted. Any species occurring more than 100 m from the observer, or flying over the site and not using it, were recorded as 'additional' species to further inform the baseline survey. Appendix V details survey dates and weather conditions. Weather conditions were suitable for all surveys.

Table 3-6: Breeding Waders Survey Effort during 2021-2024 breeding wader seasons

Date	Surveyor	Wind Direction	Transect Number/Point Count	Start time
14/04/21	BP	Not recorded	WPC1	7:16
14/04/21	BP	Not recorded	WPC2	10:50
14/04/21	BP	Not recorded	PC3	13:20
15/04/21	BP	Not recorded	WPC3	20:10
16/04/21	BP	Not recorded	WPC4	10:17
17/04/21	BP	Not recorded	BW-T1	7:50
17/04/21	BP	Not recorded	PC1	13:00
1/6/2021	BP	Not recorded	WPC2	5:48
1/6/2021	BP	Not recorded	BW-T3	20:40
3/6/2021	BP	Not recorded	WPC5	
8/7/2021	BP	Not recorded	BW-T1 & T2	6:15
8/7/2021	BP	Not recorded	PC1	10:20
8/7/2021	BP	Not recorded	WPC2	21:15
8/7/2021	BP	Not recorded	WPC1	21:15
26/07/21	BP	Not recorded	BW-T1 & T2	6:25
3/4/2022	BP	F1	WPC2	9:40
3/4/2022	BP	F2	WPC1	15:20
7/4/2022	BP	F3	WPC3	19:20
7/4/2022	BP	F3	PC3	19:20

Date	Surveyor	Wind Direction	Transect Number/Point Count	Start time
8/4/2022	BP	F1-3	BW-T1 & T2	7:50
8/4/2022	BP	F2	BW-T3	19:05
9/4/2022	BP	F0-1	WPC7	19:25
6/5/2022	BP	F1	BW-T4	20:00
8/5/2022	BP	F0-1	WPC1	5:45
9/5/2022	BP	F3	BW-T2	6:20
13/06/22	BP	F2	BW-T1 & T2	19:25
14/06/22	BP	F0-2	WPC1	5:45
15/06/22	BP	F0-2	WPC1	19:40
17/06/22	BP	F2-3	WPC8	20:20
4/7/2022	BP	F1-3 NW	WPC2	19:50
4/7/2022	BP	F1-3 NW	WPC1	19:50
7/7/2022	BP	F3	BW-T1 & T2	6:30
15/07/22	BP	F0-1	WPC9	20:20
2/4/2023	BP	NE	BW-T1 & T2	8:15
2/4/2023	BP	E	PC1	12:30
4/4/2023	BP	SE	WPC2	8:24
14/04/23	BP	N	WPC3	6:25
14/04/23	BP	N	WPC5	6:25
14/04/23	BP	NW	WPC6	19:10
1/5/2023	BP	not recorded	BW-T3	19:40
2/5/2023	BP	S	WPC2	5:10
2/5/2023	BP	SE	WPC4	19:45
12/5/2023	BP	not recorded	BW-T1 & T2	8:45
30/05/23	BP	NE	WPC7	20:30
31/05/23	BP	NE	WPC2	20:00
31/05/23	BP	NE	WPC2	20:00
14/06/23	BP	SE	WPC3	20:45
4/7/2023	BP	not recorded	BW-T1 & T2	17:50
6/7/2023	BP	not recorded	WPC2	19:20
20/07/23	BP	not recorded	BW-T4	20:45
17/04/24	BP	not recorded	BW-T1 & T2	6:20
17/04/24	BP	not recorded	WPC6	19:30
18/04/24	BP	SW	WPC2	5:45

Date	Surveyor	Wind Direction	Transect Number/Point Count	Start time
19/04/24	BP	NW	WPC5	6:10
19/04/24	BP	NW	BW-T3	19:05
9/5/2024	BP	not recorded	WPC1	5:28
9/5/2024	BP	not recorded	BW-T4	20:32
1/6/2024	BP	not recorded	BW-T1 & T2	5:20
1/6/2024	BP	not recorded	WPC7	21:15
2/6/2024	BP	not recorded	WPC1	20:40
3/6/2024	BP	not recorded	WPC5	5:23
18/06/24	BP	not recorded	WPC9	21:00
19/06/24	BP	not recorded	WPC2	4:25
7/7/2024	BP	not recorded	WPC2	20:15
13/07/24	BP	not recorded	BW-T4	20:50

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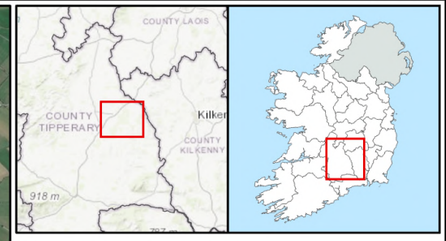

Legend

- Site Boundary
- Breeding Wader Transects
- Wader Point Counts
- Point Counts

TITLE:	Breeding Wader Surveys		
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N W E S

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3.5 Hen Harrier Survey

The methodology used to survey for hen harrier roosting activity adhered to the Irish Hen Harrier Winter Survey (IHHWS) (O'Donoghue, 2019) and Hardey *et al.* (2013).

Potentially suitable areas of hen harrier roosting habitat were identified based on a desktop study and field observations gathered during surveys. These 'target areas' and associated VPs are shown in Figure 3-5. The hen harrier roost watch schedule is included in Appendix VI

Where open landscapes allowed, watches were completed by a single observer; for all other locations, two to three surveyors simultaneously conducted watches. The surveys started three hours prior to dusk and continued until observations were no longer feasible in the dark per IHHWS guidelines (O'Donoghue, 2019). IHHWS guidelines state that surveyors must be present at least 40 minutes before dusk, and as such the survey effort exceeds that required by IHHWS guidelines. Surveyors recorded all hen harrier flight lines and searched for potential roosting behaviour.

Flight durations were recorded in the following height bands: 0-20m, 20-50m , 50-100m, 100-200m and 200m. Other additional non-target species were also recorded where observed. Weather conditions were suitable for all surveys.

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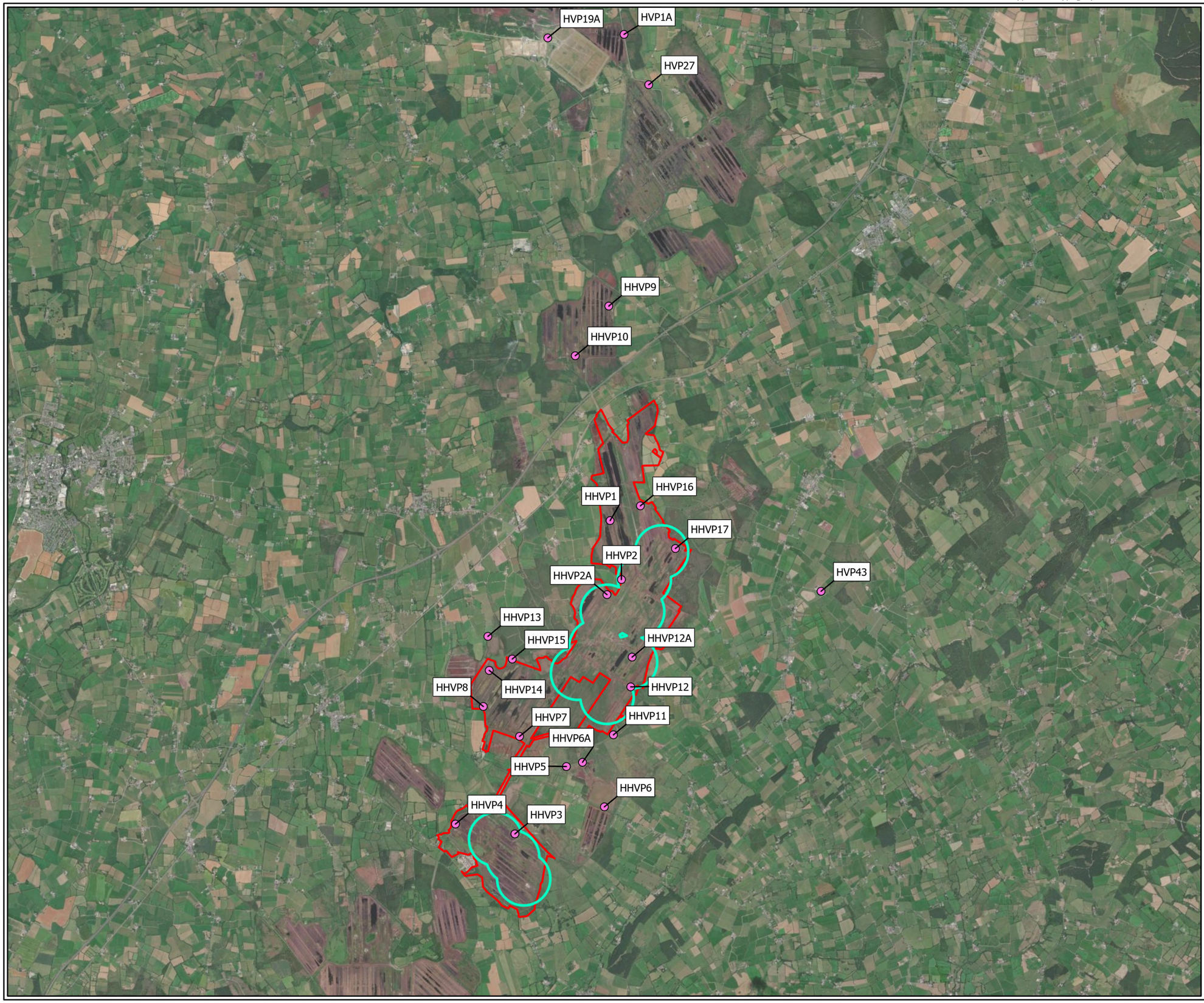

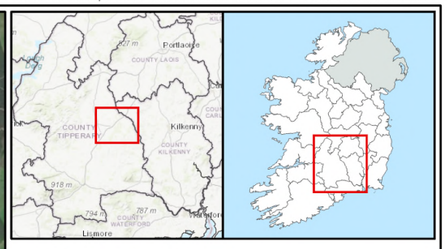

Legend

- Site Boundary
- 500m Turbine Buffer
- HH Roost Watch Locations

N W E S

0 1 2 4 Kilometers

TITLE: Hen Harrier Roost Watch Survey Locations			
PROJECT: Littleton Wind Farm			
FIGURE NO:	3.5		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:70,000	**REVISION:**	0
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3.6 Merlin/Raptor Survey (2021)

Merlin surveys were centred on suitable habitat for the species and methods used are based on previous surveys in Ireland (Lusby et al. and Fernandez *et al*.); developed in association with Dr. John Lusby of BirdWatch Ireland. The study area for merlin is defined as a 1km square centrally placed on the available suitable area. Three visits were undertaken to the study square, with visits at least four weeks apart and timed to coincide with periods of Merlin activity (April to mid-May, mid-May to late June, and July to mid-August).

Prior to the first visit, all areas within the square identified as not suitable for Merlin (open water, urban areas, farmland, enclosed pastures and areas above 700m) were excluded from the target search area. Due to the size of the site and bog drains present, standard methodology could not be adhered to and targeted transects within suitable habitats were selected and intensively searched for evidence of Merlin. Features such as suitable nest sites (old corvid nests) and suitable perches (posts, hummocks, boulders, remnant peat stands and root mats) were noted and the grid reference recorded. Recorded information/evidence is defined in the form of secondary merlin evidence (whitewash, pellets, feathers), prey remains (feather spots, moth wings, prey remains etc.), nests (possible or occupied) and direct observations (calling birds, displaying birds, hunting birds, inter-specific aggression etc.). Locations of collected evidence or observations were recorded for subsequent visits and prey remains and pellets were collected, placed in a bag and labelled with the date, site and location (for subsequent analysis). Additional raptor species such as kestrel, sparrowhawk or buzzard as well as evidence to their presence were also noted. Evidence of species such as long-eared owl (in the form of pellets) was also collected if recorded.

Under the terms of the NPWS licence, surveys are required to be conducted in suitable weather conditions (no rain, no strong winds and with good visibility). Conditions on the day of surveying met these requirements (see Table 3-7):

Table 3-7: Merlin/Raptor survey effort and weather conditions

Date	Merlin Transects	Cloud (Okta)	Precipitation	Visibility	Wind
28/04/21	1, 2, 3, 4, 5, 6	5-8/8	none	v. good	F3-4
29/04/21	7, 8,9,10	1-4/8	none	v. good	F1
31/05/21	11, 12	2-6/8	none	v.good	F3-4
17/06/21	1, 2, 3, 4, 5	1-7/8	none	v. good	F1-3
26/07/21	1, 2, 3, 4, 5	7-8/8	none	v. good	F1-2

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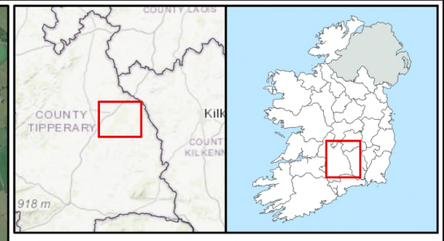

Legend

- Site Boundary
- Breeding Merlin Transects (2021)

TITLE:	Breeding Merlin Transects		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	3.6		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:45,000	**REVISION:**	0
DATE:	10/03/2026	**PAGE SIZE:**	A3

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N W E S

0 1 2 4 Kilometers

3.7 Barn Owl Survey

Barn owls *Tyto alba* are red-listed on the Birds of Conservation Concern in Ireland (BoCCI) scheme. This species is nocturnal and consequently requires dedicated surveys to obtain a full understanding of barn owl presence and usage of the proposed wind farm site. Surveys for barn owl were undertaken during the breeding season of 2021, 2022, 2023 and 2024 across the months of April – July inclusive.

Survey methodology followed the TII guidance document 'Survey and Mitigation Standards for Barn Owls to inform the Planning, Construction and Operation of National Road Projects' (TII, 2021); the methodology utilised also referenced with Shawyer (2012) 'Barn Owl *Tyto alba* Survey Methodology and Techniques for use in Ecological Assessment'.

Survey schedule of daytime searches for potentially suitable nesting features and barn owl signs such as pellets and whitewashing and dusk watches are detailed in table x. Locations of barn owl survey sites are included in figure x

Dusk watches at potential nest sites were undertaken to confirm barn owl presence. These were undertaken an hour before sunset until an hour after sunset. At any dusk watch, if an adult Barn owl was seen carrying prey to the nest or the hissing/snoring of young owlets was heard, the location is to be classified as a breeding site. The location was recorded on a map along with target notes. Care was taken to avoid disturbing any breeding barn owls and no direct examination of any potential roosting/nesting sites will be undertaken without an NPWS license. These surveys were split over multiple dusk periods at multiple candidate nest/roost sites.

Table 3-8: Barn Owl Survey Effort during 2021-2024

Date	TIME	Barn owl POI	Surveyor
17/05/21	Day time walkover	1, 2, 3, 4, 5, 6,7,8,9,10,11,12	BP
18/05/21	Day time walkover and roost site survey 21:30- 22:30 (20)	13,14,15,16,17,18,19,20,21	BP
19/05/21	Day time walkover	22,23,24,25,26,27,28,29,30,31,32	BP
21/06/22	Potential roost site survey (21:30 - 23:20)	20	BP
22/06/22	Day time walkover (08:00 - 13:45)	3,8,10,11,11A,12A,12A-1,31,32,33,34	BP
17/07/22	Day time walkover	4,14,15,16,17,19,21,22,24,25,26,27,28,29,30	BP
29/05/23	Potential roost site survey	1	BP
02/06/23	Potential roost site survey	5	BP
13/06/23	Potential roost site survey	20	BP
16/06/23	Day time walkover	6, 11A,12A,22,24,25,25A, 27,30	BP
05/07/23	Day time walkover, Potential roost site survey (20)	3,5,12,17,18,19,20,31,34	BP
16/04/24	Potential roost site survey (20:50 - 21:45)	20	BP

Date	TIME	Barn owl POI	Surveyor
17/05/24	Potential roost site survey (21:50 - 22:30)	20	BP
19/06/24	Day time walkover, Potential roost site survey (22:27 - 23:45) - 12A-3	3,11A, 12,12A-1,12A-2,12A-3,30A, 31,32,34	BP
10/07/24	Potential roost site survey (22:20 -22:50)	20	BP
14/07/24	Potential roost site survey (21:50 - 23:10)	12A-3	BP
31/07/24	Potential roost site survey (21:40 - 22:45)	20	BP
17/07/24	Day time walkover	5,6,12B, 17,20,24,25,25A,27	BP

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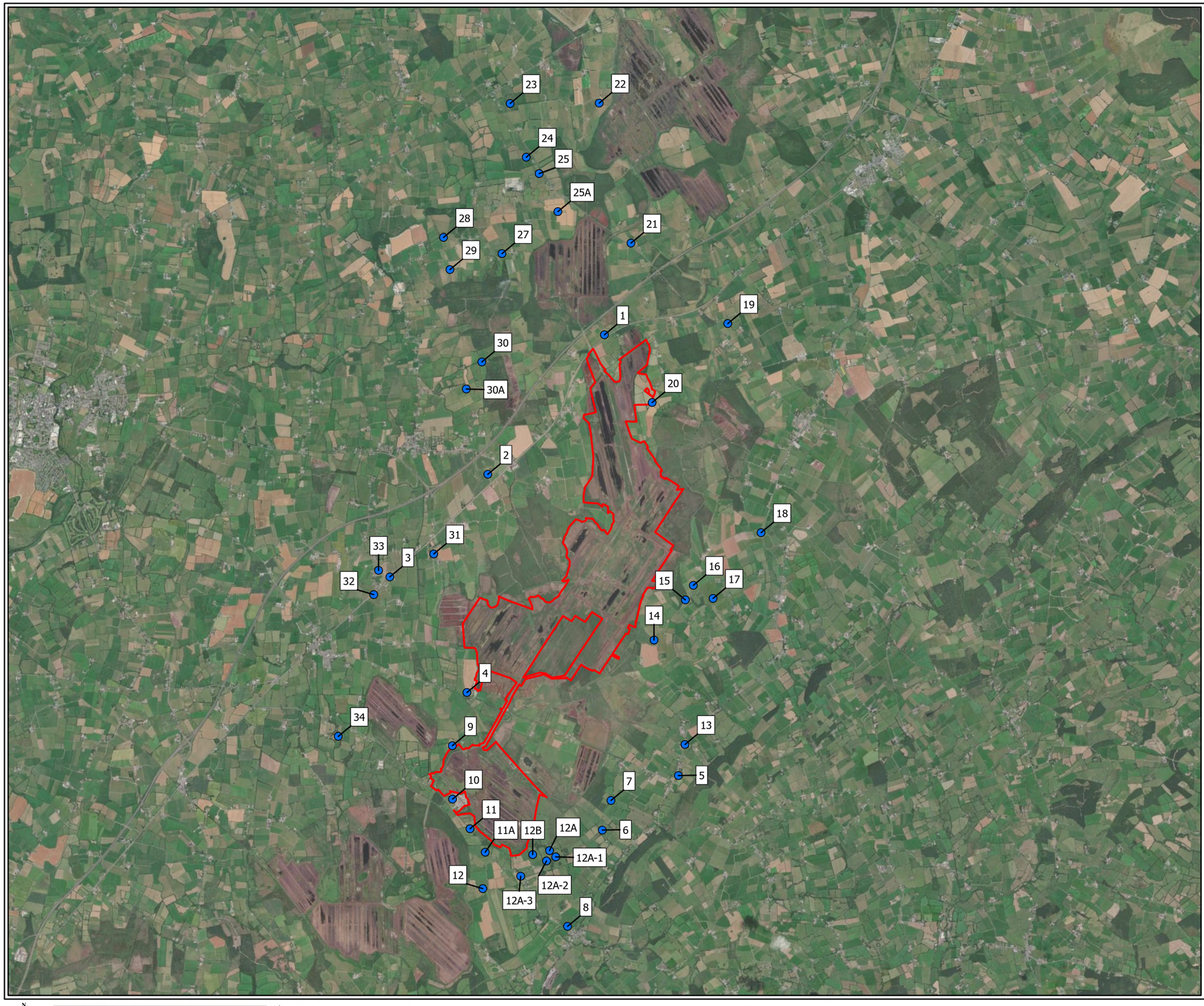

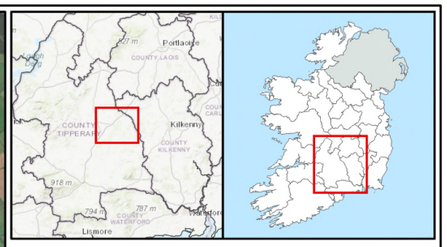

Legend

Site Boundary

Points of Interest

N
W E
S

0 1 2 4 Kilometers

TITLE:	Barn Owl Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	3.7		
CLIENT:	Littleton Wind Farm DAC		
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3.8 Kingfisher Survey

Kingfisher *Alcedo atthis* are Amber-listed on the Birds of Conservation Concern in Ireland (BoCCI) scheme and are also listed as an Annex I species on the EU Birds Directive (2009/147/EC). This species is a riparian specialist and consequently requires dedicated surveys to obtain a full understanding of Kingfisher presence and usage of the proposed wind farm site.

Targeted surveys for this species were carried out over a four-year period throughout the course of their breeding season (March to early July 2021-2024) following NRA (2009) guidance. Survey locations are detailed in Figure 3-8. See table 3-8 for the kingfisher survey schedule and detailed survey results are in Appendix XVI

The first of these should take place in mid-March, to coincide with when birds are establishing breeding territories and undertaking nest burrow excavations. During this visit, features likely to be of importance to kingfishers (such as feeding perches, potential rest sites etc.) were noted. During subsequent survey visits, the survey area was walked at a slow pace and all Kingfisher activity recorded. In addition, sections of watercourse bank which appeared potentially suitable for use by nesting Kingfisher were watched from a concealed vantage point, to avoid disturbing nesting birds. Individual watches of potentially suitable nest locations were undertaken over a duration of two hours and focused on the periods shortly after dawn and prior to dusk (i.e. when peaks in Kingfisher activity tend to occur) to investigate occupancy of suitable breeding territories. Weather conditions were suitable for all surveys.

Table 3-9: Kingfisher survey effort and weather conditions 2021-2024

Date	Start time	Cloud (Okta)	Precipitation	Visibility	Wind
02/04/21	7:50	1-7/8	none	v. good	F1-2
03/04/21	7:15	0-2/8	none	v. good	F0-2
04/06/21	6:30	1-3/8	none	v. good	F2-3
15/06/21	18:20	7-8/8	none	v. good	F3
18/06/21	5:40	0-4/8	none	v. good	F0-1
09/07/21	6:30	8/8	none	v. good	F0-1
25/07/21	18:25	1-2/8	none	v. good	F1
02/04/22	7:05	4-7	occ. Showers	V. Good	F1-3 NW
07/04/22	7:00	0-8	occ. Hail showers	V. Good	F3-5 W
11/05/22	6:05	3-7	Dry	V. Good	F3-4 W
11/05/22	18:40	2-4	Dry	V.Good	F3-4 NW
12/05/22	6:00	0-8	Dry	V. Good	F1-3 NW
13/05/22	5:50	4-8	Dry	V. Good	F2-4
12/06/22	6:10	5-8	occ. showers	V. Good	F2-4

Date	Start time	Cloud (Okta)	Precipitation	Visibility	Wind
19/06/22	6:50	7-8	Dry	V. Good	F3 NW
05/07/22	6:40	8	Dry	V. Good	F2-3
06/07/22	5:50	8	Dry	V. Good	F2-3 NW
26/03/23	6:50	8	Dry	V. Good	F2 NNE
15/04/23	18:15	8	Dry	V. Good	F3 S
11/05/23	19:15	1-8	some rain	V. Good	F2
12/05/23	5:10	8	Dry with early mist	Moderate	F1-2 N
12/05/23	12:30	3-5	Dry	V. Good	F2 NNE
01/06/23	19:00	0			F2-3 NNE
27/03/24	6:15	6-8	some drizzle	V. Good	F2-3 SE
20/04/24	18:30	6	Dry	V. Good	F0
24/04/24	18:40	6-7	Dry	V. Good	F1-2 NW
17/05/24	17:50	8	Dry	V. Good	F1 NE
01/06/24	19:15	0	Dry	V. Good	F1-2 N
03/06/24	8:10	8	Dry	V. Good	F3
20/06/24	7:45	1-7	Dry	V. Good	F1 SW

3.9 Hinterland Surveys

The methodology used for wetland sites during the winter hinterland surveys followed I-WeBS (Irish Wetland Bird Survey) methodology (Lewis *et al*, 2019), whereby each location was surveyed for the duration necessary to identify and obtain a count for all target species present. The same approach was adapted for non-wetland sites. A hinterland survey for raptors was conducted in accordance with Raptors: a field guide to survey and monitoring (Hardey *et al.* 2013) to assess Hen Harrier and other raptor activity over the winter and breeding periods in the greater surroundings. Surveys for Hen Harrier breeding and roosting sites were also carried out within 2km of the proposed Wind Farm and beyond, fulfilling and exceeding the requirement set out in SNH Guidance (2017).

Hinterland surveys covered 57 sites within 15 km from the proposed Wind Farm site. These sites were chosen as they had suitable habitat for the following target groups and species: raptors, waders and waterfowl. Hinterland surveys were carried out every month across all survey seasons from winter 2020-21 to winter 2024-25. Some sites were visited more regularly during the winter season, and others during the summer season, due to the differences in bird distribution across seasons. Some sites were visited only once or on several occasions to check for specific bird species of interest. The hinterland sites which were surveyed across this period are listed in Table 3-9 and the hinterland survey schedule including weather conditions is included in Appendix VII.

Table 3-9 also indicates where within the *c.* 15 km radius around the proposed Wind Farm hinterland surveys were carried out, and Appendix XVII shows the dates each site was visited.

Table 3-10: Hinterland Survey Locations

Hinterland Site	Location	Distance to closest turbine (km)	Easting (ITM)	Northing (ITM)
1	Lisheen Mine Windfarm north	10.9	622116	667888
1A	Lisheen Tailing Ponds HH Watch	9.7	623316	666843
2	Lisheen Mine Windfarm north-west	11.7	621132	668515
3	Lisheen Mine Windfarm a)	12.5	620321	669125
4	Lisheen Mine Windfarm b)	10.9	620833	667567
5	Lisheen Mine Windfarm west	11.4	619576	667677
6	River Suir Upper	11.6	613337	662509
6A	River Suir Upper floodplain a)	12.4	612295	662359
7	River Suir Upper floodplain b)	13.8	611396	663400
8	Cabragh Marshes a)	10.5	611034	655393
9	Cabragh Marshes b)	11.0	610395	655024
10	Littleton North	3.9	618527	655008
11	Two Churches/Cheese factory	1.7	622397	657737
12	Derricknew	2.6	619355	649447
13	Killeen Bog	3.1	618775	649400
14	Killeen Bog from Derrynaflan Church	4.2	618046	648486
15	Burgesland/ Horse & Jockey south	7.0	614516	649035

Hinterland Site	Location	Distance to closest turbine (km)	Easting (ITM)	Northing (ITM)
16	Templetouhy Bog north	15.5	620997	672315
17	Gilmoy	14.3	628164	670839
17a	Rossdarragh north of Gilmoy	15.6	625891	672673
18	Ballybrista on N62 Thurles to Templemore	15.7	610552	665551
19	Bruckana Windfarm	12.3	622001	669312
19A	Bruckana WF HH Watch	10.9	621906	667889
20	Castletown, north of Popes Bog	6.4	621254	662936
21	Along M8 near Twomileborris	3.1	621507	658741
22	The Loughane, Bailief	10.1	631854	663478
23	Killeen Bog east	2.3	620290	649044
24	Littleton Castle	3.42	618022	653585
25	Balief Castle	10.5	632190	663793
26	Foulkscourt Castle near Johnstown	11.5	627970	667988
27	Bawnmore a)	8.8	623801	665911
27A	Bawnmore b)	8.1	624237	665262
28	Bawnmore c)	8.3	625036	665406
29	Moyneard	8.1	619074	663599
30	Ballysorrel	18.6	615243	673592
31	Inch Bog by Drish/Black River	4.9	623903	663167
32	Boulick Graveyard & folly	2.0	625912	656320
33	Rathpatrick near Laois boarder	13.4	624457	670529
34	Rahelty Castle	7.6	617190	660852
35	Killough Roadstone	10.6	610457	650119
36	Grallagh Castle, Horse & Jockey South	5.9	615517	649298

Hinterland Site	Location	Distance to closest turbine (km)	Easting (ITM)	Northing (ITM)
37	Laffansbridge Quarry a)	5.3	618876	646373
37A	Laffansbridge Quarry b)	5.5	618717	646275
38	Graystown Castle	5.6	619301	645797
39	Shale Quarry, Kilbrennal	3.0	622099	648122
40	Templehill Castle, Templetouhy	15.4	619082	671684
41	Ballynonty/ Ballysloe	3.3	624758	651427
42	St. Peter's Moycarkey, Horse & Jockey North	6.1	614970	653076
43	Littleton Bog on site near Two Churches	3.1	627036	656409
44	Ballybeg Bog	2.3	618868	653670
45	Pope's Bog (North)	4.4	623135	661460
46	Pope's Bog (South)	3.3	623212	660227
47	Inch Bog/Graiguepadeen	4.9	624809	663018
48	Inchirourke	7.1	624549	664897
49	Derryfadda	8.0	624075	665496
50	Clonsaul	9.1	624959	665241

3.10 Black-headed colony surveys

Black-headed Gull *Chroicocephalus ridibundus* colonies within the site were surveyed following standard breeding gull methodologies, using annual colony counts undertaken across a four-year period 2021-2024). Surveys were carried out during the peak breeding season (May–June), coinciding with the incubation stage when nests and attending adults are most reliably counted. Observers recorded the number of active nests and overall colony size from different vantage points that provided full visual coverage while ensuring minimal disturbance to breeding birds. All surveys were undertaken in suitable weatherr conditions. The approach follows established best practice for colony-based wader and gull monitoring as outlined by BirdWatch Ireland and NPWS guidance documents.

3.11 Whooper Swan surveys

Whooper Swan is listed on Annex I of the EU Birds Directive. No dedicated whooper swan surveys were undertaken, however all observations of whooper swan made during other ornithology survey such as vantage point surveys, hen harrier roost watch surveys, winter transect, and hinterland surveys were recorded. In line with SNH (2017) guidance, that advises opportunistic sightings should be incorporated to understand the whooper swan use of the site. These incidental sighting were combined to provide an accurate outline of whooper swan activity within the site. Whooper swan roost sites were determined, and primary locations were mapped (see figure 3-11)

4. RESULTS

4.1 Vantage Point (VP) Watches Results

Winter 2020-2021

During the 2020-2021 winter surveys, 19 target species were recorded within the flight activity survey area. Of these five were red-listed (Curlew, Kestrel, Lapwing, Snipe and Woodcock), nine were amber-listed (Black-Headed Gull, Hen Harrier, Lesser Black-Backed Gull, Mallard, Marsh Harrier, Merlin, Teal, Whooper Swan and Wigeon), and five were green-listed (buzzard, grey heron, little egret, peregrine, sparrowhawk). Six are also listed under Annex I of the EU Birds Directive (Hen Harrier, Merlin, Whooper Swan, Little Egret, Peregrine Falcon and Marsh Harrier).

Summer 2021

During the 2021 summer surveys, 23 target species were recorded within the flight activity survey area. Of these five were red-listed (Curlew, Golden Plover, Kestrel, Lapwing and Snipe), 11 were amber-listed (Black-Headed Gull, Common Sandpiper, Cormorant, Greylag Goose, Hen Harrier, Lesser Black-Backed Gull, Mallard, Marsh Harrier, Merlin, Mute Swan and Teal), and seven were green listed (Buzzard, Great White Egret, Green Sandpiper, Grey Heron, Little Egret, Peregrine Falcon and Sparrowhawk). Six are also listed under Annex I of the EU Birds Directive (Hen Harrier, Merlin, Golden Plover, Little Egret, Marsh Harrier and Peregrine Falcon).

Winter 2021-2022

During the 2021-2022 winter surveys, 25 target species were recorded within the flight activity survey area. Of these six were red-listed (Curlew, Golden Plover, Kestrel, Lapwing, Snipe, and Woodcock), 13 were amber-listed(Black-Headed Gull, Cormorant, Greylag Goose, Hen Harrier, Kingfisher, Lesser Black-Backed Gull, Mallard, Merlin, Mute Swan, Starling, Teal, Whooper Swan and Wigeon), and six were green-listed (Buzzard, Grey Heron, Little Egret, Moorhen, Peregrine, Sparrowhawk). Seven are also listed under Annex I of the EU Birds Directive (Golden Plover, Hen Harrier, Kingfisher, Little Egret, Merlin, Peregrine and Whooper Swan).

Summer 2022

During the 2022 summer surveys, 27 target species were recorded within the flight activity survey area. Of these seven were red-listed (Dunlin, Curlew, Kestrel, Lapwing, Redshank, Snipe, Swift), 14 were amber-listed(Black-Headed Gull, Common Sandpiper, Cormorant, Greylag Goose, Hen Harrier, Kingfisher, Lesser Black-Backed Gull, Mallard, Marsh Harrier, Merlin, Mute Swan, Ringed Plover, Teal and Tufted Duck), and six were green-listed (Buzzard, Greenshank, Grey Heron, Little Egret, Peregrine Falcon, Sparrowhawk). Six are also listed under Annex I of the EU Birds Directive (Hen Harrier, Kingfisher, Little Egret, Marsh Harrier, Merlin, Peregrine Falcon).

Winter 2022-2023

During the 2022-2023 winter surveys, 26 target species were recorded within the flight activity survey area. Of these six were red-listed (Golden Plover, Kestrel, Lapwing, Redwing, Snipe, Woodcock), 13 were amber-listed(Black-Head Gull, Greylag Goose, Hen Harrier, Kingfisher, Lesser-Black-Backed Gull, Mallard, Marsh Harrier, Merlin, Mute Swan, Skylark, Teal, Whooper Swan and Wigeon), and seven were green-listed (Buzzard, Green Sandpiper, Grey Heron, Little Egret, Peregrine Falcon, Sparrowhawk). Eight are also listed under Annex I of the EU Birds Directive (Golden Plover, Hen Harrier, Kingfisher, Little Egret, Marsh Harrier, Merlin, Peregrine Falcon and Whooper Swan).

Summer 2023

During the 2023 summer surveys, 23 target species were recorded within the flight activity survey area. Of these seven were red-listed (Golden Plover, Curlew, Kestrel, Lapwing, Shoveler, Snipe, Swift), 10 were amber-listed(Black-Headed Gull, Greylag Goose, Hen Harrier, Kingfisher, Lesser Black-Backed Gull, Mallard, Merlin, Teal, Whooper Swan, Wigeon), and six were green-listed (Brent Goose, Buzzard, Grey Heron, Little Egret, Peregrine Falcon, Sparrowhawk). Seven are also listed under Annex I of the EU Birds Directive (Golden Plover, Hen Harrier, Kingfisher, Little Egret, Merlin, Peregrine Falcon, Whooper Swan).

Winter 2023-2024

During the 2023-2024 winter surveys, 22 target species were recorded within the flight activity survey area. Of these five were red-listed (Golden Plover, Kestrel, Lapwing, Scaup and Snipe), 12 were amber-listed (Greylag Goose, Hen Harrier, Kingfisher, Lesser Black-Backed Gull, Mallard, Merlin, Mute Swan, Pintail, Short-Eared Owl, Teal, Whooper Swan and Wigeon), and five were green-listed (Buzzard, Grey Heron, Little Egret, Peregrine Falcon, and Sparrowhawk). Eight are also listed under Annex I of the EU Birds Directive (Golden Plover, Hen Harrier, Kingfisher, Little Egret, Merlin, Peregrine Falcon, Short-Eared Owl, and Whooper Swan).

Summer 2024

During the 2024 summer surveys, 26 target species were recorded within the flight activity survey area. Of these eight were red-listed (Black-Tailed Godwit, Golden Plover, Curlew, Kestrel, Lapwing, Snipe, Swift and Redshank), 12 were amber-listed(Black-Headed Gull, Hen Harrier, Lesser Black-Backed Gull, Mallard, Merlin, Mute Swan, Teal, Whooper Swan, Wigeon, Cormorant, Kingfisher and Ringed Plover), and six were green-listed (Buzzard, Grey Heron, Little Egret, Peregrine Falcon, Sparrowhawk and Green Sandpiper). Seven are also listed under Annex I of the EU Birds Directive (Golden Plover, Hen Harrier, Little Egret, Merlin, Peregrine, Kingfisher and Whooper Swan).

Winter 2024-2025

During the 2024-2025 winter surveys, 28 target species were recorded within the flight activity survey area. Of these eight were red-listed (Curlew, Golden Plover, Kestrel, Lapwing, Stock Dove, Snipe, Shoveler, Woodcock), 14 were amber-listed (Black-Headed Gull, Cormorant, Greylag Goose, Hen Harrier, Kingfisher, Lesser Black-Backed Gull, Mallard, Merlin, Mute Swan, Pintail, Ringed Plover, Teal, Wigeon, Whooper Swan), six and were green-listed (Buzzard, Little Egret, Green Sandpiper, Grey Heron, Peregrine, Sparrowhawk). Seven are also listed under Annex I of the EU Birds Directive (Little Egret, Golden Plover, Hen Harrier, Kingfisher, Merlin, Peregrine Falcon, Whooper Swan).

Table 4-1: Target species recorded during vantage point (VP) surveys within site and hinterlands

Common Name	Scientific Name	Conservation Status	
		BoCCI*	Annex I**
Buzzard	Buteo buteo	Green	No
Black-headed Gull	Chroicocephalus ridibundus	Amber	No
Black-tailed Godwit	Limosa lapponica	Red	Yes
Brent Geese	Branta bernicla	Amber	No
Common Sandpiper	Actitis hypoleucos	Amber	No
Cormorant	Phalacrocorax carbo	Amber	No
Dunlin	Calidris alpina	Red	

Common Name	Scientific Name	Conservation Status	
		BoCCI*	Annex I**
Golden Eye	Bucephala clangula	Red	
Greenshank	Tringa nebularia	Green	Yes
Curlew	Numenius arquata	Red	No
Golden Plover	Pluvialis apricaria	Red	Yes
Green Sandpiper	Tringa ochropus	Green	No
Greylag Goose	Anser anser	Amber	No
Hen Harrier	Circus cyaneus	Amber	Yes
Kestrel	Falco tinnunculus	Red	No
Kingfisher	Alcedo atthis	Amber	Yes
Lapwing	Vanellus vanellus	Red	No
Lesser Black-backed Gull	Larus fuscus	Amber	No
Little Egret	Egretta garzetta	Green	Yes
Long-eared Owl	Asio otus	Green	No
Marsh Harrier	Circus aeruginosus	Amber	Yes
Mallard	Anas platyrhynchos	Amber	No
Merlin	Falco columbarius	Amber	Yes
Mute Swan	Cygnus olor	Amber	No
Peregrine	Falco peregrinus	Green	Yes
Redwing	Turdus iliacus	Red	No
Pintail	Anas acuta	Red	No
Redshank	Tringa totanus	Red	No
Ringed Plover	Charadrius hiaticula	Amber	No
Short-eared Owl	Asio flammeus	Amber	Yes
Scaup	Aythya marila	Red	No
Short-eared Owl	Asio flammeus	Amber	No
Shoveler	Anas clypeata	Red	No
Skylark	Alauda arvensis	Amber	Yes
Snipe	Gallinago gallinago	Red	No
Sparrowhawk	Accipiter nisus	Green	No

Common Name	Scientific Name	Conservation Status	
		BoCCI*	Annex I**
Starling	Sturnus vulgaris	Amber	No
Stock Dove	Columba oenas	Red	No
Swallow	Hirundo rustica	Amber	No
Swift	Apus apus	Red	No
Teal	Anas crecca	Amber	No
White-tailed Eagle	Haliaeetus albicilla	Red	Yes
Tufted Duck	Aythya fuligula	Amber	No
Whooper Swan	Cygnus cygnus	Amber	Yes
Wigeon	Anas penelope	Amber	No
Woodcock	Scolopax rusticola	Red	No

4.2 Target Species

Black-headed Gull

Winter 2020/2021

All observations were located outside the 500m turbine buffer. On the 26th of October 2020, one black-headed gull was observed from VP7 flying for 6 seconds within the 20–50 m band. On the 4th of March 2021, 50 black-headed gulls were observed from VP4 flying for 300 seconds, including 200 seconds within the 0–20 m band and 100 seconds within the 20–50 m band, while flying to a breeding area. On the 7th of March 2021, three black-headed gulls were observed from VP7 flying for 31 seconds, including 12 seconds within the 0–20 m band and 19 seconds within the 20–50 m band; later the same day five black-headed gulls flew for 63 seconds, including 37 seconds within the 0–20 m band and 26 seconds within the 20–50 m band. On the 20th of March 2021, 11 black-headed gulls were observed from VP8 flying for 142 seconds, including 24 seconds within the 0–20 m band and 118 seconds within the 20–50 m band; and later seventeen black-headed gulls were observed flying for 108 seconds, including 19 seconds within the 0–20 m band and 89 seconds within the 20–50 m band. On the 16th of March 2021, 50 black-headed gulls were observed from VP4 flying for 1200 seconds, including 480 seconds within the 0–20 m band and 720 seconds within the 20–50 m band, with a breeding colony active on the rewetted area.

Summer 2021

Ten black-headed gull observations were located within the 500m turbine buffer. On the 9th of April 2021, 25 black-headed gulls were observed from VP7, with colony activity recorded separately in the interval watch, and later on the same date at VP14, colony data were again recorded with no flight activity recorded. On the 16th of April, 32 black-headed gulls were observed from VP6 flying for 80 seconds within the 50–100 m band.

On the 18th of May 2021, one black-headed gull was observed from VP2 flying for 130 seconds, including 43 seconds within the 100–200 m band and 87 seconds above 200 m, and was later joined by another bird; on the same date two black-headed gulls were observed flying for 175 seconds, including 140 seconds within the 100–200 m band and 35 seconds above 200 m.

On the 1st of June 2021, 21 black-headed gulls were observed from VP6 flying for 408 seconds, including 379 seconds within the 20–50 m band and 29 seconds within the 50–100 m band, with birds flying around and landing on a lake east of the vantage point. On the same date at VP2, two black-headed gulls were observed flying for 108 seconds, including 20 seconds within the 100–200 m band and 88 seconds above 200 m, and later one black-headed gull flew for 27 seconds within the 20–50 m band.

On the 19th of June 2021, two black-headed gulls were observed from VP6 flying for 42 seconds within the 50–100 m band, followed by one black-headed gull flying for 60 seconds within the 50–100 m band.

All other observations were outside the 500m turbine buffer.

At VP1, on the 27th of April 2021, one black-headed gull was observed flying for 148 seconds, including 124 seconds within the 0–20 m band and 24 seconds within the 20–50 m band, while two additional birds flew nearby. Later the same day, two black-headed gulls were observed flying for 93 seconds within the 0–20 m band while mobbing a larger bird above a possible nest. This was followed by one black-headed gull flying for 34 seconds within the 20–50 m band, then another one black-headed gull flying for 73 seconds, including 49 seconds within the 0–20 m band and 24 seconds within the 20–50 m band. Later that morning, two black-headed gulls flew for 33 seconds, including 10 seconds within the 0–20 m band and 23 seconds within the 20–50 m band. On the 3rd of June, two black-headed gulls were observed flying for 133 seconds, including 42 seconds within the 0–20 m band and 91 seconds within the 20–50 m band, followed by two black-headed gulls flying for 103 seconds, including 26 seconds within the 0–20 m band and 77 seconds within the 20–50 m band, and later one black-headed gull flying for 41 seconds within the 0–20 m band. On the 15th of June, two black-headed gulls were observed flying for 410 seconds, including 15 seconds within the 50–100 m band, 95 seconds within the 100–200 m band, and 300 seconds above 200 m, followed by two black-headed gulls flying for 165 seconds, including 25 seconds within the 0–20 m band, 120 seconds within the 20–50 m band, and 20 seconds within the 50–100 m band. On the 6th of July 2021, one black-headed gull flew for 24 seconds within the 0–20 m band, and on the 7th of July 2021, two black-headed gulls flew for 48 seconds within the 50–100 m band, possibly passing through the area.

At VP2, on the 21st of April, one black-headed gull was observed flying for 22 seconds within the 0–20 m band, followed by two black-headed gulls flying for 26 seconds within the 20–50 m band. On the 26th of April, four black-headed gulls were observed flying for 12 seconds within the 0–20 m band.

At VP4, on the 14th of April 2021, 26 black-headed gulls were present, with colony activity recorded on a newly flooded area. On the 16th of April 2021, 150 black-headed gulls were recorded through an interval watch period. On the 1st of July 2021, one black-headed gull was observed flying for 68 seconds within the 50–100 m band; later six black-headed gulls were observed flying for 960 seconds, including 300 seconds within the 20–50 m band and 660 seconds within the 50–100 m band, with some circling behaviour near a surrounding species; and seven black-headed gulls flew for 1200 seconds, including 20 seconds within the 0–20 m band, 645 seconds within the 20–50 m band, and 535 seconds within the 50–100 m band.

At VP7 on the 24th of July 2021, three black-headed gulls were observed flying for 40 seconds within the 0–20 m band.

At VP8, on the 19th of April 2021, six black-headed gulls were observed flying for 117 seconds, including 37 seconds within the 0–20 m band and 80 seconds within the 20–50 m band; later twelve black-headed gulls flew for 95 seconds, including 28 seconds within the 0–20 m band and 67 seconds within the 20–50 m band; then nine black-headed gulls flew for 89 seconds, including 34 seconds within the 0–20 m band and 55 seconds within the 20–50 m band; this was followed by 15 black-headed gulls flying for 131 seconds, with 33 seconds within the 0–20 m band and 98 seconds within the 20–50 m band; and later seven black-headed gulls flew for 70 seconds, including 22 seconds within the 0–20 m band and 48 seconds within the 20–50 m band. On the 19th of June 2021, an additional record noted black-headed gull activity. At VP14 on the 9th of April 2021, 26 black-headed gulls were associated with colony activity at a recently flooded area.

Winter 2021/2022

Black-headed gull were recorded on seven occasions. At VP14, one observation of black-headed gull was located within the 500m turbine buffer. On the 12th of March, 28 gulls were observed for a total of 10800 seconds.

All other observations were located outside the 500m buffer. At VP1, four observations were recorded. On the 5th of March, one was observed flying for a total of 16 seconds within the 0–20m height band. On the 5th of March, three gulls were observed flying for a total of 35 seconds within the 0–20m height band). On the 21st of March, ten were observed flying for a total of 108 seconds within the 100–200m height band. On the 21st of March, two gulls were observed flying for a total of 28 seconds within the 0–20m height band).

At VP7, three observations were recorded. On the 5th of March 25 were observed flying for a total of 660 seconds (310 seconds within the 0–20m height band, 200 seconds within the 20–50m height band and 150 seconds within the 50–100m height band) and the birds were noted flying over the breeding site for eleven minutes. On the 12th of March, 65 were noted to be preparing at the breeding site.

Summer 2022

Black-headed Gull were observed 18 times during the summer 2022 VP surveys.

Five observations were located within the 500m turbine buffer. At VP2, two observations were recorded. On the 9th of April, two were observed flying for a total of 35 seconds within the 20–50m height band. On the 19th of May, two were observed flying for a total of 128 seconds within the 20–50m height band.

At VP14, one observation was recorded. On the 21st of May, four were observed flying for a total of 99 seconds within the 100–200m height band. At VP6, one observation was recorded. On the 21st of May, four were observed flying for a total of 87 seconds within the 100–200m height band. At VP5, one observation was recorded. On the 18th of June, one was observed flying for a total of 152 seconds within the 100–200m height band.

All other observations were located outside the 500m turbine buffer. At VP4, one observation was recorded. On the 14th of March, 18 were observed flying for a total of 218 seconds (57 seconds within the 0–20m height band and 161 seconds within the 20–50m height band.

At VP7, four observations were recorded. On the 19th of March, 42 were observed with no flying activity recorded. On the 26th of March, five were observed flying for a total of 75 seconds (20s within the 0–20m height band and 55s within the 20–50m height band). On the 14th of May, two were observed flying for a total of 203 seconds (81 seconds within the 20–50m height band and 122 seconds within the 50–100m height band). On the 4th of June, seven were observed flying for a total of 174 seconds within the 20–50m height band.

At VP8, one observation was recorded. On the 26th of March, seven were observed flying for a total of 69 seconds the 20–50m height band.

At VP14, one observation was recorded. On the 23rd of March, two were observed flying for a total of five seconds within the 0–20m height band.

At VP1, five observations were recorded. On the 3rd of April, one was observed flying for a total of 53 seconds within the 20–50m height band. On the 3rd of April, three were observed flying for a total of 17 seconds within the 0–20m height band. On the 3rd of April, three were observed flying for a total of 94 seconds within the 20–50m height band. On the 3rd of April, three were observed flying for a total of 30 seconds within the 0–20m height band. On the 3rd of April, three were observed flying for a total of 16 seconds within the 0–20m height band.

At VP2, five observations were recorded. On the 9th of April, one was observed flying for a total of 17 seconds within the 20–50m height band. On the 9th of April, four were observed flying for a total of 137 seconds within the 50–100m height band. On the 9th of April, two were observed flying for a total of 35 seconds within the 50–100m height band. On the 16th of April, 41 were observed flying for a total of 41 seconds within the 0–20m height band. On the 16th of April, two were observed flying for a total of 108 seconds within the 50–100m height band.

Winter 2022/2023

Black-head gull were observed on two occasions during the winter 2022/2023 VP surveys. One of these observations was located inside the 500m turbine buffer. At VP2, on the 22nd of March three gulls were recorded flying within 20-50m height band for 76 seconds.

One observation was noted outside the 500m turbine buffer. At VP7 on the 8th of March 42 gulls were noted for a total of 965 seconds (160s within 0-20m, 385s within 20-50m and 420s within 50-100m height bands).

Summer 2023

Black-headed Gull were observed 18 times during the Summer 2023 season. Three black-head gull observations were located within the 500m turbine buffer, and all were located at VP2. On the 28th of March, three were observed flying for a total of 73 seconds within the 20–50m height band. On the 3rd of April, two were observed flying for a total of 38 seconds within the 20–50m height band. On the 24th of May, two were observed flying for a total of 38 seconds within the 20–50m height band.

All other observations were located outside the 500m turbine buffer. At VP4, seven observations were recorded. On the 21st of March, seven were observed flying for a total of 910 seconds (70 seconds within the 0–20m height band and 840 seconds within the 20–50m height band). On the 1st of May, three were observed flying for a total of 115 seconds within the 20–50m height band. On the 1st of May, one was observed flying for a total of 45 seconds within the 50–100m height band. On the 1st of May, three were observed flying for a total of 80 seconds (60 seconds within the 0–20m height band and 20 seconds within the 20–50m height band). On the 1st of May, four were observed flying for a total of 255 seconds (15 seconds within the 20–50m height band, 20 seconds within the 50–100m height band, 65 seconds within the 100–200m height band and 155 seconds above two 200 m). On the 1st of May, two were observed flying for a total of 55 seconds (40 seconds within the 0–20m height band and 15seconds within the 20–50m height band). On the 1st of May, one was observed flying for a total of 27 seconds within the 0–20m height band.

At VP7, three observations were recorded. On the 18th of April, three were observed flying for a total of 135 seconds (35 seconds within the 0–20m height band and 100 seconds within the 20–50m height band). On the 18th of April, four were observed flying for a total of 352 seconds (150 seconds within the 20–50m height band and 202 seconds within the 50–100m height band). On the 8th of May, three were observed flying for a total of 47 seconds within the 20–50m height band.

At VP8, five observations were recorded. On the 19th of May, two were observed flying for a total of 56 seconds within the 20–50m height band. On the 10th of June, five were observed flying for a total of 51 seconds within the 20–50m height band. On the 10th of June, seven were observed flying for a total of 38 seconds within the 20–50m height band. On the 10th of June, three were observed flying for a total of 47 seconds within the 20–50m height band. On the 10th of June, one was observed flying for a total of 55 seconds within the 20–50m height band.

At VP1, two observations were recorded. On the 13th of April, one was observed flying for a total of 43 seconds within the 0–20m height band. On the 9th of May, two were observed flying for a total of 128 seconds (28 seconds within the 0–20m height band and 100 seconds within the 20–50m height band.

Summer 2024

Black-headed gull were observed 24 times during the summer 2024 season.

Black-headed gull were observed within the 500m turbine buffer one time during the summer 2024 season. At VP4, one observation was recorded. On the 18th of June, four were observed flying for a total of 115 within the 100–200m height band.

All other observations were located outside the 500m turbine buffer. At VP4, 14 observations were recorded. On the 7th of August, one gull was observed flying for a total of 222 seconds (212 seconds within the 0–20m height band), and the birds were calling over the colony with several others heard but not seen. On the 7th of August, one was observed flying for a total of 53 seconds (11 seconds within the 0–20m height band and 36 seconds within the 20–50m height band), where the birds were noted travelling to the colony. On the 7th of August, three were observed flying for a total of 135 seconds (ten seconds within the 0–20m height band, 15 seconds within the 20–50m height band,30 seconds within the 50–100m height band, 20 seconds within the 100–200m height band and 30 seconds within the above 200m height band), the birds rose high from the colony and commuted to Derryvilla pond. On the 7th of July, three were observed flying for a total of 70 seconds (forty seconds within the 0–20m height band and thirty seconds within the 20–50m height band), and the birds were travelling away from the colony west. On the 7th of July, one was observed flying for a total of fifty-five seconds within the 20–50m height band. On the 7th of July, three were observed flying for a total of 38 seconds within the 20–50m height band, and the birds were leaving the colony west. On the 7th of July, six were observed flying for a total of seventy seconds (forty seconds within the 0–20m height band and thirty seconds within the 20–50m height band). On the 7th of July, one was observed flying for a total of forty-four seconds within the 0–20m height band, with the birds leaving the colony. On the 7th of August, two were observed flying for a total of one hundred and eighty-eight seconds (fifty-six seconds within the 0–20m height band and one hundred and thirty-two seconds within the 20–50m height band), with the birds commuting from the colony to the lake. On the 7th of August, eight were observed flying for a total of twenty-five seconds (twenty-five seconds within the 0–20m height band), with the birds commuting back to the colony. On the 7th of August, six were observed flying for a total of one hundred and twenty-five seconds (forty-five seconds within the 0–20m height band), with sixteen adults and three juveniles were noted defending the colony from a predator. On the 7th of August, one was observed flying for a total of twenty-one seconds (nine seconds within the 0–20m height band), and the notes indicated that the bird was dropping down onto the pond. On the 7th of July, three were observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 20–50m height band), with birds arriving low into the colony. On the 7th of July, one was observed flying for a total of forty-five seconds within the 0–20m height band.

At VP2, one observation was recorded. On the 24th of June, one adult was observed flying for a total of one hundred and thirty-five seconds (one hundred and thirty-five seconds within the 20–50m height band).

At VP1, five observations were recorded. On the 18th of June, two were observed flying for a total of twenty-six seconds within the 0–20m height band. On the 11th of June, one was observed flying for a total of twenty-eight seconds within the 0–20m height band. On the 29th of July, three were observed flying for a total of twenty-five seconds (ten seconds within the 0–20m height band). On the 29th of July, twenty-two were observed flying for a total of eighty seconds (twenty seconds within the 0–20m height band. On the 11th of June, one adult gull was observed flying for a total of twenty-eight seconds within the 0–20m height band.

At VP5, ten observations were recorded. On the 11th of July, one was observed commuting for a total of thirty-four seconds (thirty-four seconds within the 0–20m height band). On the 11th of July, one was observed commuting for a total of forty-six seconds within the 20–50m height band. On the 11th of July, four were observed flying for a total of eighty-three seconds within the 20–50m height band. On the 2nd of July, four were observed flying for a total of thirteen seconds (ten seconds within the 0–20m height band). On the 2nd of July, one was observed flying for a total of one hundred and nine seconds (one hundred and nine seconds within the 0–20m height band). On the 2nd of July, two were observed flying for a total of ninety-two seconds (ninety-two seconds within the 0–20m height band). On the 23rd of July, one was observed flying for a total of forty-four seconds within the 0–20m height band. On the 8th of July, two were observed flying for a total of eighty-five seconds (thirty-one seconds within the 0–20m height band and forty-six seconds within the 20–50m height band). On the 2nd of July, seven were observed flying for a total of two hundred and fourteen seconds (one hundred and five seconds within the 0–20m height band, twenty-seven seconds within the 20–50m height band and fifteen seconds within the 50–100m height band). On the 11th of July, one was observed flying for a total of eighty-two seconds (eighty-two seconds within the 0–20m height band).

At VP6, five observations were recorded. On the 18th of June, one was observed flying for a total of one hundred and eighty-seven seconds (one hundred and eighty-seven seconds within the 20–50m height band), and the notes indicated that the bird was commuting. On the 19th of June, three were observed soaring for a total of one hundred and ninety-four seconds (one hundred and ninety-four seconds within the above 200m height band). On the 13th of July, four were observed flying for a total of two hundred and twenty-six seconds (two hundred and twenty-six seconds within the 20–50m height band), and the notes indicated that the birds were adults commuting. On the 13th of July, seven were observed flying for a total of two hundred and eighty-four seconds (two hundred and eighty-four seconds within the 20–50m height band). On the 13th of July, two were observed flying for a total of thirty seconds (ten seconds within the 0–20m height band and twenty seconds within the 20–50m height band).

At VP7, six observations were recorded. On the 2nd of July, one was observed flying for a total of thirty-seven seconds within the 20–50m height band. On the 2nd of July, one was observed flying for a total of forty-seven seconds (twenty-two seconds within the 0–20m height band). On the 2nd of July, seven were observed flying for a total of two hundred and fourteen seconds (two hundred and fourteen seconds within the 20–50m height band). On the 13th of July, one was observed flying for a total of two hundred and twenty-six seconds (two hundred and twenty-six seconds within the 20–50m height band). On the 10th of June, one was observed flying for a total of fifty-five seconds within the 20–50m height band. On the 10th of June, one was observed flying for a total of fifty-three seconds within the 20–50m height band.

At VP8, three observations were recorded. On the 2nd of July, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 0–20m height band), and the notes indicated that the bird was commuting. On the 10th of June, one was observed flying for a total of twenty-three seconds within the 20–50m height band. On the 10th of June, one was observed flying for a total of thirty seconds (ten seconds within the 0–20m height band).

Winter 2024/2025

25 observations of black-headed gull were recorded during the winter 2024/2025 VP surveys.

Black-headed Gull were observed within the 500m turbine buffer one time during the Winter 2024/2025 season. At VP14, one observation was recorded. On the 9th of March, two were observed commuting for a total of thirty seconds (thirty seconds within the 20–50m height band).

At VP1 on the 26th of March, two were observed flying for a total of twenty-eight seconds within the 20–50m height band. On the 9th of March, one was observed flying for a total of ninety-five seconds (thirty seconds within the 0–20m height band and sixty-five seconds within the 20–50m height band). On the 29th of July, two were observed flying for a total of eighty seconds (twenty seconds within the 0–20m height band and sixty seconds within the 20–50m height band). At VP4 on the 4th of March, between 07:22 and 09:25, several groups totaling up to sixty-six were observed flying for a total of 7380 seconds (predominantly within the 20–50m height band). The colony was becoming established, with birds arriving high from the north and flying above ponds. On the 18th of March, eleven were observed flying for a total of 445 seconds (one hundred seconds within the 50–100m height band, seventy seconds within the 100–200m height band and two hundred and twenty seconds above 200m height bands) The birds appeared from height from the west, briefly landed at the 2024 colony and then moved away. On the 4th of March, twenty-three were observed flying and leaving the colony for a total of one hundred and twenty-one seconds (one hundred and five seconds within the 100–200m height band and sixteen seconds within the 50–100m height band). On the 18th of March, twenty-four were observed flying for a total of five hundred and eighty seconds (forty-five seconds within the 0–20m height band, eighty seconds within the 20–50m height band, fifty-five seconds within the 50–100m height band, forty seconds within the 100–200m height band, two hundred and forty seconds within the 100–200m height band and one hundred seconds above 200m height bands) The birds were noted to be setting up territory and pair bonding near a historic colony. On the 4th of March, fourteen were observed flying for a total of three hundred and twenty seconds (sixty seconds within the 20–50m height band, twenty seconds within the 50–100m height band and two hundred and sixty seconds within the 100–200m height band) The birds were noted checking another pond for suitable nesting habitat. On the 4th of March, five were observed flying for a total of one hundred and forty-three seconds (one hundred and thirty-eight seconds within the 100–200m height band and five seconds within the 50–100m height band), with the birds rising high and leaving the colony to forage. On the 4th of March, twelve were observed flying for a total of ninety-five seconds (ninety seconds within the 100–200m height band and five seconds within the 50–100m height band). On the 27th of March, four were observed flying for a total of two hundred and thirty seconds (one hundred and twenty seconds within the 100–200m height band and one hundred and ten seconds within the 50–100m height band), with birds visiting the 2024 colony as the 2025 colony began to establish. On the 27th of March, four were observed flying for a total of forty-two seconds (forty-two seconds within the 20–50m height band). The birds were noted flying back west after a short stay at a potential colony. On the 27th of March, twelve were observed flying for a total of eighty-five seconds (twenty seconds within the 0–20m height band, twenty seconds within the 20–50m height band, sixty-five seconds within the 50–100m height band and ten seconds within the 100–200m height band).

At VP5, four observations were recorded. On the 11th of July, one was observed flying for a total of thirty-four seconds within the 0–20m height band. On the 11th of July, one was observed flying for a total of forty-six seconds within the 20–50m height band. On the 11th of July, four were observed adults commuting for a total of eighty-three seconds within the 20–50m height band. On the 2nd of July, seven were observed flying for a total of two hundred and fourteen seconds (one hundred and five seconds within the 0–20m height band, twenty-seven seconds within the 20–50m height band and fifteen seconds within the 50–100m height band).

At VP6, four observations were recorded. On the 13th of July, four were observed flying for a total of two hundred and eighty-four seconds within the 20–50m height band. On the 2nd of July, seven were observed flying for a total of two hundred and twenty-six seconds within the 20–50m height band. On the 11th of July, seven were observed flying for a total of two hundred and fourteen seconds within the 20–50m height band. On the 19th of June, three were observed soaring for a total of one hundred and ninety-four seconds within the above 200m height band.

At VP7, six observations were recorded. On the 2nd of February, nine were observed flying for a total of one hundred and eighty seconds (sixty seconds within the 0–20m height band and one hundred and twenty seconds within the 20–50m height band). On the 9th of March, one hundred were observed flying for a total of three hundred and seventy-two seconds (fifty seconds within the 50–100m height band and three hundred and twenty-two seconds within the 100–200m height band) The birds were noted circling and then landed at the north end of the site. On the 9th of March, eighty were observed flying for a total of six hundred and fifty-seven seconds (sixty seconds within the 20–50m height band and five hundred and ninety-seven seconds within the 100–200m height band), with birds circling and then flying off-site. On the 9th of March, fifty were observed flying for a total of ninety-two seconds (thirty seconds within the 0–20m height band and sixty-two seconds within the 20–50m height band), and the notes indicated that the birds were circling. On the 9th of March, eighty were observed flying for a total of four hundred and fifty seconds (thirty seconds within the 20–50m height band and four hundred and twenty seconds within the 100–200m height band), with the birds circling and then landing off-site at the north end. On the 9th of March, twenty were observed flying for a total of ninety-nine seconds (thirty seconds within the 0–20m height band and sixty-nine seconds within the 20–50m height band).

At VP8, four observations were recorded. On the 2nd of July, one was observed flying for a total of thirty-seven seconds within the 0–20m height band. On the 10th of June, one was observed flying for a total of twenty-three seconds within the 20–50m height band), and birds noted to be leaving the colony. On the 10th of June, five were observed flying for a total of two hundred and forty-two seconds within the 20–50m height band with birds were flying around a previous colony. On the 10th of June, one was observed flying for a total of fifty-five seconds within the 20–50m height band).

At VP14, three observations were recorded. On the 9th of December, fifteen were observed flying for a total of one hundred and sixty-eight seconds (forty seconds within the 20–50m height band and one hundred and twenty-eight seconds within the 100–200m height band). On the 27th of December, *c.* forty were observed flying for a total of one hundred and twenty-five seconds (fifty seconds within the 20–50m height band and seventy-five seconds within the 100–200m height band). On the 9th of December, one was observed flying for a total of eighty-six seconds (fifty seconds within the 20–50m height band and thirty-six seconds within the 100–200m height band).

4.2.1 Black-tailed Godwit

There were no records of amber-listed black-tailed godwit during summer seasons from 2021-2023, or during winter seasons 2020/21-2024/25.

Summer 2024

One black-tailed godwit was observed during summer season 2024. On the 19th of April one black-tailed godwit flew from S to N within the 500m buffer zone at the rotor-swept height of T09.

4.2.2 Brent Goose

There were no records of brent geese during the five winter seasons. There were no records of Brent geese in summer 2021,2022 or 2024.

Summer 2023

One brent goose was observed flying south outside of the proposed development and 500m turbine buffer. It was noted to be flying within 20-50m height band for 56 seconds from VP1.

4.2.3 Buzzard

Winter 2020/2021

Buzzard were observed on 51 occasions during the winter 2020/2021 VP surveys. Buzzard were observed fourteen times within the 500m turbine buffer. during the Winter 2020/2021 season. On the 23rd of October at VP4, one was observed flying for a total of sixty seconds (sixty seconds within the 50–100 m height band), and the notes indicated soaring. On the 4th of November at VP14, two were observed flying for a total of five hundred and forty seconds (one hundred and twenty seconds within the 50–100 m height band, one hundred and thirty-five seconds within the 100–200 m height band and one hundred and eighty-five seconds above two hundred m). On the 12th of November at VP7, one was observed flying for a total of thirty-one seconds (twenty-five seconds within the 50–100 m height band and six seconds within the 100–200 m height band). On the 22nd of November at VP14, two were observed flying for a total of one hundred and fifty-seven seconds (one hundred and fifty-seven seconds above two hundred m). On the 28th of November at VP14, one was observed flying for a total of one hundred and thirty-seven seconds (one hundred and thirty-seven seconds above two hundred m). On the 8th of December at VP14, two were observed flying for a total of ninety-five seconds (ninety-five seconds above two hundred m). Later on, the same date, one was observed flying for a total of four hundred and ninety seconds (two hundred and fifty-three seconds within the 0–20 m height band and two hundred and thirty-seven seconds within the 20–50 m height band), and the notes indicated hunting. A further observation at VP14 on that date recorded two flying for a total of forty seconds (forty seconds within the 20–50 m height band). On the 14th of January at VP6, one was observed flying for a total of forty-two seconds (forty-two seconds within the 50–100 m height band). On the 25th of February at VP7, two were observed flying for a total of forty-three seconds (twelve seconds within the 100–200 m height band and thirty-one seconds above two hundred m). On the 27th of February at VP5, two were observed flying for a total of nine hundred and thirty-two seconds (two hundred and sixty-eight seconds within the 50–100 m height band and six hundred and sixty-four seconds within the 100–200 m height band). Later on, the same date at VP6, one was observed flying for a total of ninety-five seconds (ninety-five seconds within the 50–100 m height band). On the 6th of March at VP14, two were observed flying for a total of two hundred and ninety seconds (two hundred and ninety seconds within the 50–100 m height band), and the notes indicated soaring and circling. A further observation at the same VP on that date recorded one flying for a total of six hundred and twelve seconds (ninety seconds within the 50–100 m height band and five hundred and twenty-two seconds within the 100–200 m height band), and the notes again indicated soaring and circling.

All 37 other observations were located outside the 500m turbine buffer. At VP8, sixteen observations were recorded. On the 23rd of October, one was observed flying for a total of two hundred and fifty seconds (thirty-seven seconds within the 20–50 m height band, fifty-three seconds within the 50–100 m height band and one hundred and sixty seconds within the 100–200 m height band). On the 4th of December, three observations were made: one flying for twenty-one seconds (twenty-one seconds within the 20–50 m height band), one for sixty-six seconds (forty-nine seconds within the 20–50 m height band and seventeen seconds within the 50–100 m height band), and one flying for sixty-nine seconds (fifty-seven seconds within the 20–50 m height band and twelve seconds within the 50–100 m height band).

On the 12th of November, three observations were recorded: one flying for thirty-one seconds (twenty-five seconds within the 50–100 m height band and six seconds within the 100–200 m height band), one for eighty-six seconds (fifty-eight seconds within the 20–50 m height band and twenty-eight seconds within the 50–100 m height band) and one for nineteen seconds (nineteen seconds within the 20–50 m height band). On the 16th of December, two observations were made: one flying for forty-nine seconds (sixteen seconds within the 20–50 m height band and thirty-three seconds within the 50–100 m height band) and one for seventy-nine seconds (nineteen seconds within the 20–50 m height band and sixty seconds within the 50–100 m height band). On the 25th of February, three observations were recorded: one flying for forty-six seconds (seventeen seconds within the 100–200 m height band and twenty-nine seconds above two hundred m), one for one hundred and eight seconds (seventy-one seconds within the 50–100 m height band and thirty-seven seconds within the 100–200 m height band) and one for twenty-one seconds (twenty-one seconds within the 50–100 m height band). On the 28th of February, two observations were recorded: one for eighteen seconds (eighteen seconds within the 50–100 m height band) and another for nineteen seconds (nineteen seconds within the 50–100 m height band). On the 20th of March, two observations were made: one flying for forty-five seconds (thirty-seven seconds within the 20–50 m height band and eight seconds within the 50–100 m height band), and one for nineteen seconds (nineteen seconds within the 20–50 m height band).

At VP7, seven observations were recorded. On the 29th of December, one was observed flying for thirty-one seconds (twenty-one seconds within the 20–50 m height band and ten seconds within the 50–100 m height band), followed by one for thirty seconds (thirty seconds within the 20–50 m height band). On the 6th of January, one was recorded flying for sixty-seven seconds (eighteen seconds within the 20–50 m height band and forty-nine seconds within the 50–100 m height band). On the 28th of February, four observations were recorded: one flying for fourteen seconds (fourteen seconds within the 50–100 m height band), one for thirty-seven seconds (thirty-seven seconds within the 100–200 m height band), one for seventy-four seconds (fifty-nine seconds within the 20–50 m height band and fifteen seconds within the 50–100 m height band). On the 28th of February, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 100–200 m height band). A later observation on the same date recorded two flying for a total of seventy-four seconds (fifty-nine seconds within the 20–50 m height band and fifteen seconds within the 50–100 m height band). On the 7th of March, one was observed flying for a total of forty-one seconds (sixteen seconds within the 50–100 m height band and twenty-five seconds within the 100–200 m height band).

At VP6, seven observations were recorded. On the 28th of October, one was observed flying for a total of thirty-six seconds (thirty-six seconds within the 20–50 m height band). On the 4th of December, one was observed flying for a total of twelve seconds (twelve seconds within the 20–50 m height band). On the 22nd of November, one was observed flying for a total of one hundred and thirty-nine seconds (one hundred and thirty-nine seconds within the 50–100 m height band). On the 27th of February, one was observed flying for a total of ninety-five seconds (ninety-five seconds within the 50–100 m height band). On the 14th of January, one was observed flying for a total of fifty-two seconds (forty-three seconds within the 20–50 m height band and nine seconds within the 50–100 m height band). On the same date, one was observed flying for a total of forty-two seconds (forty-two seconds within the 20–50 m height band). On the 6th of March, one was observed flying for a total of three hundred and twelve seconds (three hundred and twelve seconds within the 50–100 m height band).

At VP5, one observation remained. On the 25th of February, four were observed flying for a total of one hundred and eighty seconds (one hundred and eighty seconds above two hundred m), and the notes indicated soaring over a quarry.

At VP4, four observations were recorded. On the 2nd of December, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50 m height band). On the 5th of January, one was observed flying for a total of fifty seconds (fifty seconds within the 20–50 m height band), and the notes indicated hunting and perching in a tree. On the 23rd of January, one was observed flying for a total of one hundred and thirty-six seconds (one hundred and thirty-six seconds within the 50–100 m height band). On the 16th of March, one was observed flying for a total of ninety seconds (ninety seconds within the 50–100 m height band

At VP14, two observations remained that were not STEP-1 removals. On the 28th of November, one was observed flying for a total of one hundred and thirty-seven seconds (one hundred and thirty-seven seconds above two hundred m). On the 8th of December, two were observed flying for a total of ninety-five seconds (ninety-five seconds above two hundred m).

Summer 2021

Buzzard was noted on 89 occasions during the summer 2021 VP surveys. 28 of these were located within the 500m turbine buffer. On the 2nd of April at VP14, two were observed flying for a total of one hundred and eighty seconds (one hundred and eighty seconds above two hundred m), and the notes indicated that a second buzzard joined a hen harrier. On the 3rd of April at VP4, one was observed flying for a total of seven hundred and sixty seconds (thirty-five seconds within the 50–100 m height band, thirty seconds within the 100–200 m height band and six hundred and ninety-five seconds above two hundred m). On the 9th of April at VP5, one was observed flying for a total of seventy-four seconds (fourteen seconds within the 20–50 m height band and sixty seconds within the 50–100 m height band). On the 10th of April at VP5, one was observed flying for a total of two hundred and sixty-two seconds (two hundred and sixty-two seconds within the 50–100 m height band), and a later observation recorded one flying for a total of two hundred and eighty-five seconds (two hundred and eighty-five seconds within the 50–100 m height band), and the notes indicated that the bird was mobbed by ravens. On the 14th of April at VP6, one was observed flying for a total of eighty-seven seconds (eighty-seven seconds within the 20–50 m height band), followed later by one flying for a total of one hundred and forty-nine seconds (fourteen seconds within the 20–50 m height band and one hundred and thirty-five seconds within the 50–100 m height band), and the notes indicated that the bird was mobbed by one hundred rooks. On the 15th of April at VP2, one was observed flying for a total of three hundred and eighty-five seconds (sixty-eight seconds within the 50–100 m height band, one hundred and fifteen seconds within the 100–200 m height band and two hundred and two seconds above two hundred m). On the 24th of April at VP6, three were observed flying for a total of two hundred and eighty-four seconds (two hundred and eighty-four seconds within the 50–100 m height band).

On the 6th of May at VP4, one was observed flying for a total of four hundred and seventy-eight seconds (seventy-eight seconds within the 50–100 m height band and four hundred seconds within the 100–200 m height band). On the 7th of May at VP14, one was observed flying for a total of three hundred seconds (three hundred seconds above two hundred m). On the 8th of May at VP5, one was observed flying for a total of three hundred and sixty-five seconds (three hundred and sixty-five seconds above two hundred m). On the 15th of May at VP6, one was observed flying for a total of sixty-four seconds (sixty-four seconds within the 50–100 m height band). On the 22nd of May at VP5, one was observed flying for a total of fifty-five seconds (twenty-one seconds within the 20–50 m height band and thirty-four seconds within the 50–100 m height band). On the 22nd of May at VP14, one was observed flying for a total of two hundred and twenty-eight seconds (sixty seconds within the 50–100 m height band and one hundred and sixty-eight seconds above two hundred m). A further observation on the same date at VP14 recorded one flying for a total of sixty seconds (sixty seconds above two hundred m).

On the 5th of June at VP14, one was observed flying for a total of one hundred and eighteen seconds (one hundred and eighteen seconds above two hundred m). On the 10th of June at VP4, one was observed flying for a total of one thousand two hundred and sixty seconds (one thousand two hundred and sixty seconds within the 50–100 m height band). On the 17th of June at VP5, one was observed flying for a total of eleven seconds (eleven seconds within the 50–100 m height band).

On the 2nd of July at VP5, one was observed flying for a total of sixty-four seconds (sixty-four seconds within the 50–100 m height band). On the 24th of July at VP14, one was observed flying for a total of twenty seconds (ten seconds within the 20–50 m height band and ten seconds within the 50–100 m height band).

On the 2nd of August at VP7, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band). On the 4th of August at VP2, one was observed flying for a total of six seconds (six seconds within the 20–50 m height band). On the 10th of August at VP5, two were observed flying for a total of one hundred and ten seconds (one hundred and ten seconds within the 50–100 m height band).

On the 2nd of September at VP2, one was observed flying for a total of eight seconds (eight seconds within the 20–50 m height band), and the notes indicated that the bird perched low for an extended period. On the 4th of September at VP6, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band), and the notes indicated that the bird was followed by more than two hundred redpolls. On the 22nd of September at VP5, one was observed flying for a total of sixteen seconds (sixteen seconds within the 20–50 m height band).

All other observations were located outside the 500m turbine buffer.

At VP1 on the 20th of April, one was observed flying for a total of one hundred and eighty-eight seconds (one hundred and eighty-eight seconds above two hundred m). A later observation on the same date recorded two flying for a total of one hundred and seventy-four seconds (one hundred and seventy-four seconds above two hundred m), followed by one flying for a total of thirty-two seconds (thirty-two seconds above two hundred m), then one flying for a total of one hundred and twenty-eight seconds (one hundred and twenty-eight seconds above two hundred m) and one for a total of fifty-four seconds (fifty-four seconds above two hundred m). On the 26th of April, one was observed flying for a total of forty-six seconds (forty-six seconds above two hundred m). A later observation on the same date recorded one flying for a total of ninety-one seconds (ninety-one seconds above two hundred m).

At VP2 on the 15th of April, one was observed flying for a total of ninety-seven seconds (four seconds within the 0–20 m height band, seventeen seconds within the 20–50 m height band and seventy-six seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of two hundred and thirty-eight seconds (two seconds within the 0–20 m height band, six seconds within the 20–50 m height band, one hundred and sixty-three seconds within the 50–100 m height band and sixty-seven seconds within the 100–200 m height band), and the notes indicated display followed by stooping into forestry, probably territorial. A further observation on the same date recorded one flying for a total of one hundred and eighty-five seconds (seventy-five seconds within the 100–200 m height band and one hundred and ten seconds above two hundred m). Another record on the same date documented one flying for a total of three hundred and eighty-five seconds (sixty-eight seconds within the 50–100 m height band, one hundred and fifteen seconds within the 100–200 m height band and two hundred and two seconds above two hundred m). On the 21st of April, three observations were made: one flying for one hundred and ninety-five seconds (one hundred and ninety-five seconds above two hundred m), one for thirty-six seconds (thirty-six seconds above two hundred m) and one for one hundred and seventeen seconds (one hundred and seventeen seconds above two hundred m). On the 26th of April, three further observations were recorded: one flying for one hundred and seventy-seven seconds (one hundred and seventy-seven seconds above two hundred m), one for two hundred and six seconds (two hundred and six seconds above two hundred m) and one for two hundred and sixty-five seconds (two hundred and sixty-five seconds above two hundred m).

At VP4, On the 3rd of April, one was observed flying for a total of one hundred and thirteen seconds (eight seconds within the 20–50 m height band and one hundred and five seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of three hundred and eighty-six seconds (ten seconds within the 20–50 m height band, two hundred and fifteen seconds within the 50–100 m height band and one hundred and sixty-one seconds within the 100–200 m height band). A further observation on that date recorded one flying for a total of two hundred and forty seconds (one hundred and seventy-two seconds within the 100–200 m height band and sixty-eight seconds above two hundred m), and the notes indicated that a second buzzard was close by.

On the 6th of May, one was observed flying for a total of two hundred and seventy seconds (two hundred and seventy seconds within the 20–50 m height band). A later observation on the same date recorded one flying for a total of seventy-two seconds (seventy-two seconds within the 0–20 m height band), and the notes indicated that the bird was mobbed by seventeen black-headed gulls. A further observation on the same date recorded one flying for a total of four hundred and seventy-eight seconds (seventy-eight seconds within the 20–50 m height band and four hundred seconds within the 50–100 m height band). On the 10th of June, one was observed flying for a total of three hundred and seventy seconds (three hundred and seventy seconds above two hundred m), followed by one flying for a total of forty-two seconds (forty-two seconds within the 50–100 m height band) and one flying for a total of one thousand two hundred and sixty seconds (one thousand two hundred and sixty seconds above two hundred m). On the 1st of July, one was observed flying for a total of three hundred seconds (three hundred seconds within the 50–100 m height band).

At VP5, On the 10th of April, one was observed flying for a total of two hundred and sixty-two seconds (two hundred and sixty-two seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of two hundred and eighty-five seconds (two hundred and eighty-five seconds within the 50–100 m height band). On the 8th of May, one was observed flying for a total of three hundred and sixty-five seconds (three hundred and sixty-five seconds above two hundred m). On the 15th of May, one was observed flying for a total of sixty-four seconds (sixty-four seconds within the 50–100 m height band). On the 22nd of May, one was observed flying for a total of fifty-five seconds (twenty-one seconds within the 20–50 m height band and thirty-four seconds within the 50–100 m height band). On the 2nd of July, one was observed flying for a total of sixty-four seconds (sixty-four seconds within the 50–100 m height band). On the 10th of August, two were observed flying for a total of one hundred and ten seconds (one hundred and ten seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of forty seconds (forty seconds within the 50–100 m height band). On the 22nd of September, one was observed flying for a total of sixteen seconds (sixteen seconds within the 20–50 m height band). On the 5th of August, one was observed flying for a total of two hundred and eighty-two seconds (two hundred and eighty-two seconds within the 50–100 m height band). On the 5th of August, another observation recorded one flying for a total of six seconds (six seconds within the 20–50 m height band). On the 9th of April, one was observed flying for a total of one hundred and twenty-three seconds (one hundred and twenty-three seconds above two hundred m).

At VP 6, On the 14th of April, one was observed flying for a total of eighty-seven seconds (eighty-seven seconds within the 20–50 m height band). A later observation on the same date recorded one flying for a total of one hundred and forty-nine seconds (fourteen seconds within the 20–50 m height band and one hundred and thirty-five seconds within the 50–100 m height band), and the notes indicated that the bird was mobbed by one hundred rooks. On the 24th of April, three were observed flying for a total of two hundred and eighty-four seconds (two hundred and eighty-four seconds within the 50–100 m height band). On the 15th of May, one was observed flying for a total of sixty-four seconds (sixty-four seconds within the 50–100 m height band). On the 4th of September, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band). On the 10th of August, one was observed flying for a total of forty seconds (forty seconds within the 50–100 m height band). On the 16th of April, one was observed flying for a total of fifty-seven seconds (fifty-seven seconds within the 50–100 m height band). A later observation on the same date recorded two flying for a total of one hundred and five seconds (one hundred and five seconds within the 50–100 m height band).

At VP7, On the 18th of April, one was observed flying for a total of fifty-nine seconds (thirteen seconds within the 20–50 m height band and forty-six seconds within the 50–100 m height band). On the 9th of April, three were observed flying for a total of three hundred and twenty-five seconds (twenty-five seconds within the 20–50 m height band and three hundred seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of one hundred and twelve seconds (one hundred and twelve seconds within the 50–100 m height band). On the 15th of May, one was observed flying for a total of two hundred and eighty-one seconds (two hundred and eighty-one seconds within the 20–50 m height band). A further observation on the same date recorded five flying for a total of three hundred and fifty seconds (three hundred and ten seconds within the 20–50 m height band and forty seconds within the 50–100 m height band). On the 19th of June, one was observed flying for a total of one hundred and fifteen seconds (one hundred and fifteen seconds within the 20–50 m height band), and the notes indicated that the bird was mobbed by black-headed gulls. A later observation on the same date recorded one flying for a total of two hundred and sixty-four seconds (twenty seconds within the 20–50 m height band and two hundred and forty-four seconds within the 50–100 m height band).

At VP8, On the 19th of April, one was observed flying for a total of twenty-two seconds (three seconds within the 20–50 m height band and nineteen seconds within the 50–100 m height band). On the 9th of April, one was observed flying for a total of one hundred and twelve seconds (one hundred and twelve seconds within the 50–100 m height band). On the 16th of April, one was observed flying for a total of one hundred and five seconds (one hundred and five seconds within the 50–100 m height band). On the 15th of May, two were observed flying for a total of ninety-nine seconds (ninety-nine seconds within the 20–50 m height band). On the 5th of June, one was observed flying for a total of fifty-seven seconds (fifty-seven seconds within the 20–50 m height band). On the 24th of July, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band). On the 25th of September, one was observed flying for a total of four seconds (four seconds within the 20–50 m height band).

At VP14, On the 2nd of April, two were observed flying for a total of one hundred and eighty seconds (one hundred and eighty seconds above two hundred m), and the notes indicated that a second buzzard joined a hen harrier. On the 7th of May, one was observed flying for a total of three hundred seconds (three hundred seconds above two hundred m). On the 22nd of May, two were observed flying for a total of one hundred and thirty-six seconds (one hundred and thirty-six seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of two hundred and twenty-eight seconds (sixty seconds within the 50–100 m height band and one hundred and sixty-eight seconds above two hundred m). A further observation on that date recorded one flying for a total of sixty seconds (sixty seconds above two hundred m). On the 5th of June, one was observed flying for a total of one hundred and eighteen seconds (one hundred and eighteen seconds above two hundred m). On the 24th of July, one was observed flying for a total of twenty seconds (ten seconds within the 20–50 m height band and ten seconds within the 50–100 m height band). On the 25th of September, one was observed flying for a total of one hundred and thirty seconds (one hundred and thirty seconds within the 50–100 m height band).

Winter 2021/2022

Buzzard were noted on 70 occasions during the winter 2021/2022 VP surveys.

Buzzard were observed twenty-three times within the 500m turbine buffer during the Winter 2021/2022 seasons. On the 5th of October at VP5, one was observed flying for a total of twenty seconds (twenty seconds within the 50–100 m height band). On the 10th of October at VP2, one was observed flying for a total of ninety-one seconds (thirty-six seconds within the 50–100 m height band and fifty-five seconds within the 100–200 m height band), followed later on the same date by two flying for a total of one hundred and thirty-seven seconds (thirteen seconds within the 50–100 m height band and one hundred and twenty-four seconds within the 100–200 m height band). On the 13th of October at VP5, one was observed flying for a total of thirty seconds (thirty seconds above two hundred m), and the notes indicated that the observation occurred during a dusk watch at a traditional hen harrier roost with no hen harrier sightings. On the 17th of October at VP2, two were observed flying for a total of one hundred and fifty-one seconds (twenty seconds within the 50–100 m height band, one hundred and twenty-seven seconds within the 100–200 m height band and four seconds above two hundred m), and later on the same date one was observed flying for a total of nineteen seconds (nineteen seconds within the 50–100 m height band). On the 24th of October at VP2, one was observed flying for a total of eighty-seven seconds (eighteen seconds within the 50–100 m height band and sixty-nine seconds within the 100–200 m height band). On the 30th of October at VP2, one was observed flying for a total of sixty-nine seconds (fifteen seconds within the 50–100 m height band and fifty-four seconds within the 100–200 m height band), and later on the same date one was observed flying for a total of fifty seconds (twenty-one seconds within the 50–100 m height band and twenty-nine seconds within the 100–200 m height band).

On the 18th of December at VP14, one was observed flying for a total of forty-seven seconds (forty-seven seconds within the 50–100 m height band). On the 20th of November at VP6, one was observed flying for a total of sixty seconds (sixty seconds within the 50–100 m height band). On the 21st of December at VP6, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band), and the notes indicated that a buzzard and a sparrowhawk were perched in the same tree. On the 27th of December at VP2, one was observed flying for a total of one hundred and forty-four seconds (one hundred and forty-four seconds within the 50–100 m height band). On the 28th of January at VP6, one was observed flying for a total of one hundred and fifty-five seconds (thirty-five seconds within the 20–50 m height band and one hundred and twenty seconds within the 50–100 m height band), and the notes indicated that the bird was mobbed by twenty-four hooded crows. On the 2nd of February at VP5, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50 m height band). On the 14th of February at VP4, two were observed flying for a total of two hundred and sixty-four seconds (two hundred and fourteen seconds within the 50–100 m height band and fifty seconds within the 100–200 m height band), and the notes indicated that the birds were courting. On the 19th of February at VP6, one was observed flying for a total of sixty-six seconds (ten seconds within the 20–50 m height band and fifty-six seconds within the 50–100 m height band). On the 25th of February at VP14, four were observed flying for a total of two thousand one hundred and twenty-four seconds (four hundred and thirty seconds within the 50–100 m height band, one thousand and fifty-four seconds within the 100–200 m height band and six hundred and forty seconds above two hundred m), and later on the same date one was observed flying for a total of eight hundred and fifty-two seconds (eight hundred and fifty-two seconds within the 50–100 m height band). On the 1st of March at VP4, four were observed flying for a total of seven hundred and ten seconds (seven hundred and ten seconds above two hundred m), followed later by five flying for a total of one thousand eight hundred and eighty seconds (one thousand six hundred and eighty seconds within the 100–200 m height band and two hundred seconds above two hundred m). On the same date at VP5, three were observed flying for a total of three hundred and seventy-two seconds (three hundred and seventy-two seconds within the 50–100 m height band). On the 3rd of March at VP6, six were observed flying for a total of one thousand seven hundred and forty seconds (three hundred and fifty seconds within the 100–200 m height band, nine hundred and seventy seconds within the 200–220 m height band and four hundred and twenty seconds above two hundred and twenty m).

All other observations were located outside the 500m turbine buffer.

At VP1, eight observations were recorded. On the 10th of October, one was observed flying for a total of sixty-seven seconds (sixteen seconds within the 20–50 m height band and fifty-one seconds within the 50–100 m height band). On the 17th of October, one was observed flying for a total of seventy-eight seconds (nineteen seconds within the 20–50 m height band and fifty-nine seconds within the 50–100 m height band). On the 19th of December, one was observed flying for a total of forty-six seconds (forty-six seconds within the 50–100 m height band). On the 11th of January, one was observed flying for a total of forty-eight seconds (forty-eight seconds within the 50–100 m height band). On the 17th of January, one was observed flying for a total of one hundred and fifty-four seconds (one hundred and fifty-four seconds above two hundred m), and the notes indicated soaring. On the 22nd of January, one was observed flying for a total of eighty-six seconds (eighty-six seconds above two hundred m). On the 27th of February, one was observed flying for a total of thirty-eight seconds (thirty-eight seconds above two hundred m), followed later on the same date by one flying for a total of eighty-two seconds (eighty-two seconds above two hundred m).

At VP2, nine observations were recorded. On the 16th of October, one was observed flying for a total of thirty-two seconds (thirty-two seconds within the 20–50 m height band), and the notes indicated that the bird was flushed by a dog. On the 17th of October, one was observed flying for a total of seventy-eight seconds (nineteen seconds within the 20–50 m height band and fifty-nine seconds within the 50–100 m height band). On the 24th of October, one was observed flying for a total of eighty-seven seconds (eighteen seconds within the 50–100 m height band and sixty-nine seconds within the 100–200 m height band). On the 21st of December, one was observed flying for a total of fifty-four seconds (fifty-four seconds above two hundred m). On the 27th of December, one was observed flying for a total of thirty-six seconds (thirty-six seconds above two hundred m). On the 11th of January, one was observed flying for a total of thirty-eight seconds (thirty-eight seconds above two hundred m). On the 20th of January, one was observed flying for a total of ninety-two seconds (ninety-two seconds above two hundred m), followed by one on the same date flying for a total of seventy-one seconds (seventy-one seconds above two hundred m). On the 23rd of February, one was observed flying for a total of ninety-two seconds (ninety-two seconds above two hundred m).

At VP4, five observations were recorded. On the 14th of February, two were observed flying for a total of two hundred and sixty-four seconds (two hundred and fourteen seconds within the 50–100 m height band and fifty seconds within the 100–200 m height band), and the notes indicated two buzzards courting. A later observation on the same date recorded one flying for a total of twenty-four seconds (twenty-four seconds within the 0–20 m height band). On the 1st of March, four were observed flying for a total of seven hundred and ten seconds (seven hundred and ten seconds above two hundred m). A later observation on the same date recorded one flying for a total of fifty-eight seconds (fifteen seconds within the 0–20 m height band and forty-three seconds within the 20–50 m height band). A further observation on the same date recorded five flying for a total of one thousand eight hundred and eighty seconds (one thousand six hundred and eighty seconds within the 100–200 m height band and two hundred seconds above two hundred m).

At VP5, five observations were recorded. On the 5th of October, one was observed flying for a total of twenty seconds (twenty seconds within the 50–100 m height band). On the 13th of October, one was observed flying for a total of thirty seconds (thirty seconds above two hundred m), and the notes indicated that the observation took place during a dusk watch at a traditional hen harrier roost with no hen harrier sightings. On the 2nd of February, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50 m height band). On the 1st of March, three were observed flying for a total of three hundred and seventy-two seconds (three hundred and seventy-two seconds within the 50–100 m height band). On the 22nd of September, one was observed flying for a total of sixteen seconds (sixteen seconds within the 20–50 m height band).

At VP6, nine observations were recorded. On the 16th of October, one was observed flying for a total of forty-one seconds (forty-one seconds within the 20–50 m height band). On the 20th of November, one was observed flying for a total of sixty seconds (sixty seconds within the 50–100 m height band). On the 21st of December, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band), and the notes indicated that a buzzard and a sparrowhawk were perched in the same tree. On the 28th of January, one was observed flying for a total of one hundred and fifty-five seconds (thirty-five seconds within the 20–50 m height band and one hundred and twenty seconds within the 50–100 m height band), and the notes indicated that the bird was mobbed by twenty-four hooded crows. On the 5th of February, one was observed flying for a total of thirty seconds (thirty seconds within the 50–100 m height band). On the 19th of February, one was observed flying for a total of sixty-six seconds (ten seconds within the 20–50 m height band and fifty-six seconds within the 50–100 m height band). On the 3rd of March, six were observed flying for a total of one thousand seven hundred and forty seconds (three hundred and fifty seconds within the 100–200 m height band, nine hundred and seventy seconds within the 200–220 m height band and four hundred and twenty seconds above two hundred and twenty m). On the 5th of March, two were observed flying for a total of five hundred and fifty-five seconds (four hundred and eighty seconds within the 20–50 m height band and seventy-five seconds within the 50–100 m height band). On the 5th of March, one was observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band).

At VP7, seven observations were recorded. On the 16th of October, one was observed flying for a total of thirty-five seconds (thirty-five seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of eighty-eight seconds (seventy-eight seconds within the 50–100 m height band and ten seconds within the 100–200 m height band). On the 7th of November, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 0–20 m height band). On the 9th of October, one was observed flying for a total of thirty seconds (thirty seconds within the 50–100 m height band). On the 15th of May, one was observed flying for a total of one hundred and thirty-six seconds (one hundred and thirty-six seconds above two hundred m). On the 5th of March, two were observed flying for a total of one hundred and thirty-six seconds (one hundred and thirty-six seconds within the 50–100 m height band). On the 12th of March, one was observed flying for a total of one hundred and thirty-two seconds (one hundred and thirty-two seconds within the 50–100 m height band).

At VP8, four observations were recorded. On the 16th of October, one was observed flying for a total of 41 seconds (41 seconds within the 20–50 m height band). On the 5th of March, one was observed flying for a total of thirty seconds (thirty seconds within the 0–20 m height band), and the notes indicated that the bird perched in an ash tree for twenty-six minutes. On the 12th of March, one was observed flying for a total of fifty-two seconds (fifty-two seconds within the 50–100 m height band). On the 25th of February, one was observed flying for a total of 42 seconds (42 seconds within the 50–100 m height band).

At VP14, four observations were recorded. On the 5th of October, one was observed flying for a total of two hundred and four seconds (two hundred and four seconds within the 50–100 m height band). On the 18th of December, one was observed flying for a total of forty-seven seconds (forty-seven seconds within the 50–100 m height band). On the 25th of February, four were observed flying for a total of two thousand one hundred and twenty-four seconds (four hundred and thirty seconds within the 50–100 m height band, one thousand and fifty-four seconds within the 100–200 m height band, and six hundred and forty seconds above two hundred m). A later observation on the same date recorded one flying for a total of eight hundred and fifty-two seconds (eight hundred and fifty-two seconds within the 50–100 m height band).

Summer 2022

Buzzard were noted on 113 occasions during the summer 2022 VP surveys.

Buzzard were observed thirty-five times within the 500m turbine buffer during the Spring Migration 2022 and Summer 2022 seasons. On the 14th of March at VP4, one was observed flying for a total of six hundred and seventy-five seconds (six hundred and seventy-five seconds within the 50–100 m height band). Later on, the same date at VP5, two were observed flying for a total of two hundred and eighty-eight seconds (one hundred seconds within the 100–200 m height band and one hundred and thirty-eight seconds above two hundred m). On the 23rd of March at VP5, one was observed flying for a total of ninety-four seconds (ten seconds within the 20–50 m height band and eighty-four seconds within the 50–100 m height band), and the notes indicated hunting. A later observation on the same date at VP5 recorded three birds flying for a total of one hundred and sixty-nine seconds (one hundred and sixty-nine seconds within the 50–100 m height band). On the same date at VP14, one was observed flying for a total of thirty-six seconds (six seconds within the 20–50 m height band and thirty seconds within the 50–100 m height band).

On the 16th of April at VP2, two were observed flying for a total of two hundred and seven seconds (two hundred and seven seconds above two hundred m).

On the 19th of May at VP2, two were observed flying for a total of four hundred and eighty-two seconds (four hundred and eighty-two seconds above two hundred m). On the 7th of May at VP5, one was observed flying for a total of nine seconds (nine seconds within the 20–50 m height band). A later observation on the same date recorded one flying for a total of six hundred and forty-five seconds (forty seconds within the 100–200 m height band, one hundred and forty seconds above two hundred m and four hundred and sixty-five seconds above two hundred and twenty m). A further observation at VP5 documented two birds flying for a total of two hundred and seventy-seven seconds (twenty-two seconds within the 50–100 m height band, forty-six seconds within the 100–200 m height band and one hundred and five seconds within the 200–220 m height band), and the notes indicated that the pair rose together, showing pair bonding and mock mobbing high into low cloud.

During the later survey period on the same date at VP5, one was observed flying for a total of one hundred and thirty-three seconds (forty seconds within the 50–100 m height band and ninety-three seconds above two hundred m), and the notes indicated it was initially accompanied briefly by a second buzzard. Another observation recorded one flying for a total of one hundred and nineteen seconds (four seconds within the 20–50 m height band, thirty-two seconds within the 50–100 m height band and eighty-three seconds above two hundred m). A further observation documented two flying for a total of seven hundred and fifteen seconds (thirty-five seconds within the 50–100 m height band, two hundred and five seconds within the 100–200 m height band and four hundred and seventy-five seconds above two hundred m), and the notes indicated mewing and displaying together with a third buzzard beyond. The final observation of this sequence recorded two birds flying for a total of three hundred and thirty-two seconds (five seconds within the 50–100 m height band, sixty-eight seconds within the 100–200 m height band and two hundred and fifty-nine seconds above two hundred m), and the notes indicated the birds were in display and sent another pair soaring to the south.

On the 14th of May at VP6, four were observed flying for a total of four hundred and seven seconds (four hundred and seven seconds above two hundred m). On the 21st of May at VP6, one was observed flying for a total of twenty-eight seconds (twenty-eight seconds within the 50–100 m height band).

On the 7th of May at VP7, seven were observed flying for a total of eight hundred and forty seconds (one hundred and sixty-three seconds within the 50–100 m height band, two hundred and seventy seconds within the 100–200 m height band, three hundred and fifty-five seconds above two hundred m and fifty-two seconds above two hundred and twenty m).

On the same date at VP14, two were observed flying for a total of two hundred and twenty-five seconds (forty-three seconds within the 20–50 m height band and one hundred and eighty-two seconds within the 50–100 m height band). A later observation recorded one flying for a total of four hundred and twenty-eight seconds (one hundred and thirty-six seconds within the 50–100 m height band, thirty-nine seconds within the 100–200 m height band and two hundred and fifty-three seconds above two hundred m).

On the 13th of June at VP4, one was observed flying for a total of one hundred and sixty-seven seconds (two seconds within the 20–50 m height band, thirty seconds within the 50–100 m height band and one hundred and thirty-five seconds above two hundred m).

On the 14th of June at VP5, one was observed flying for a total of ninety seconds (ninety seconds above two hundred m). A later observation recorded one flying for a total of one hundred and thirty-four seconds (eight seconds within the 50–100 m height band and one hundred and twenty-six seconds above two hundred m).

On the 18th of June at VP5, one was observed flying for a total of thirty-nine seconds (six seconds within the 50–100 m height band, twenty-eight seconds within the 100–200 m height band and five seconds above two hundred m), followed by another observed flying for sixty-five seconds (four seconds within the 50–100 m height band, eleven seconds within the 100–200 m height band and fifty seconds above two hundred m).

On the 25th of June at VP14, one was recorded but without height-band seconds (the bird was observed but no flight duration was captured).

On the 9th of July at VP6, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band), and the notes indicated that the bird perched on an electric pole for ten minutes.

On the 30th of July at VP14, two were observed flying for a total of one hundred and ninety-three seconds (sixty-five seconds within the 50–100 m height band and one hundred and twenty-eight seconds within the 100–200 m height band).

On the 15th of August at VP6, one was observed flying for a total of seventy-five seconds (seventy-five seconds above two hundred m).

On the 10th of August at VP5, two were observed flying for a total of two hundred and fourteen seconds (thirty-seven seconds within the 50–100 m height band and one hundred and seventy-seven seconds within the 100–200 m height band), followed later by one flying for a total of eighty-three seconds (sixty seconds within the 50–100 m height band and twenty-three seconds within the 100–200 m height band).

On the 12th of August at VP5, two were observed flying for a total of three hundred and sixty-five seconds (fifteen seconds within the 50–100 m height band, forty-two seconds within the 100–200 m height band, seventy-six seconds within the 200–220 m height band and two hundred and thirty-two seconds above two hundred and twenty m). Another observation on the same date recorded one flying for seventy-two seconds (sixty-three seconds within the 50–100 m height band and nine seconds above two hundred m), followed by another flying for two hundred and sixteen seconds (thirty-three seconds within the 50–100 m height band, one hundred and seventeen seconds within the 100–200 m height band and sixty-six seconds above two hundred m).

On the 21st of September at VP2, one was observed flying for a total of ninety-three seconds (ninety-three seconds within the 50–100 m height band).

All other observations were located outside the 500m turbine buffer.

At VP1, nine observations were recorded. On the 3rd of April, one was observed without measurable flight activity. A later observation on the same date recorded one flying for a total of twenty seconds (twenty seconds within the 50–100 m height band). Another observation on that date recorded two flying for a total of three hundred and nine seconds (three hundred and nine seconds above two hundred m). On the 15th of April, two were observed flying for a total of one hundred and thirty-three seconds (one hundred and thirty-three seconds within the 50–100 m height band), followed by one flying for a total of twenty-six seconds (twenty-six seconds within the 20–50 m height band), then one flying for seventy-seven seconds (seventy-seven seconds within the 50–100 m height band), then one flying for ninety seconds (ninety seconds above two hundred m), and finally one flying for seventy-one seconds (seventy-one seconds above two hundred m).

At VP2, eleven observations were recorded. On the 9th of April, one was recorded without measurable flight activity. On the 16th of April, one was observed flying for a total of eighty-nine seconds (eighty-nine seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of one hundred and forty-one seconds (one hundred and forty-one seconds above two hundred m), followed by two flying for a total of two hundred and seven seconds (two hundred and seven seconds above two hundred m), and later two flying for one hundred and fourteen seconds (one hundred and fourteen seconds above two hundred m). On the 19th of May, two were observed flying for a total of four hundred and eighty-two seconds (four hundred and eighty-two seconds above two hundred m). On the 28th of May, two were observed flying for forty-seven seconds (forty-seven seconds above two hundred m). Later on the same date, one was observed flying for one hundred and forty-four seconds (one hundred and forty-four seconds above two hundred m), followed by one flying for eighty-six seconds (eighty-six seconds above two hundred m), then three flying for three hundred and eighty-five seconds (three hundred and eighty-five seconds above two hundred m), and finally one flying for ninety-three seconds (ninety-three seconds within the 50–100 m height band).

At VP4, seven observations were recorded. On the 14th of March, one was observed flying for a total of six hundred and seventy-five seconds (six hundred and seventy-five seconds within the 50–100 m height band). On the same date, two were observed flying for a total of five hundred and sixty-four seconds (two hundred and ninety-four seconds within the 50–100 m height band and two hundred and seventy seconds within the 100–200 m height band). On the 8th of May, two were observed flying for a total of three hundred and twenty seconds (five seconds within the 0–20 m height band, seventy-five seconds within the 20–50 m height band, one hundred and ninety seconds within the 50–100 m height band and fifty seconds within the 100–200 m height band), and the notes indicated a third buzzard below briefly. A later observation on the same day recorded two flying for a total of four hundred and ninety-five seconds (four hundred and ninety-five seconds above two hundred m), and the notes indicated displaying and soaring. On the 13th of June, one was observed flying for a total of four hundred and fifteen seconds (six seconds within the 20–50 m height band, twenty-seven seconds within the 50–100 m height band and three hundred and eighty-two seconds within the 100–200 m height band). Later on the same date, one was observed flying for thirty-eight seconds (two seconds within the 0–20 m height band, four seconds within the 20–50 m height band and thirty-two seconds within the 50–100 m height band); followed by one flying for one hundred and sixty-seven seconds (two seconds within the 0–20 m height band, thirty seconds within the 20–50 m height band and one hundred and thirty-five seconds above two hundred m), and finally one flying for two hundred and thirty-one seconds (thirty-seven seconds within the 20–50 m height band, one hundred and ten seconds within the 50–100 m height band and eighty-four seconds within the 100–200 m height band).

At VP5, eighteen observations were recorded. On the 7th of May, one was observed flying for a total of nine seconds (nine seconds within the 20–50 m height band). Later that morning, one was observed flying for six hundred and forty-five seconds (forty seconds within the 50–100 m height band, one hundred and forty seconds within the 100–200 m height band and four hundred and sixty-five seconds above two hundred m). A later observation recorded two flying for a total of two hundred and seventy-seven seconds (twenty-two seconds within the 50–100 m height band, forty-six seconds within the 100–200 m height band and one hundred and five seconds within the 200–220 m height band), and the notes indicated rise together, pair bonding and mock mobbing high into low cloud. During the afternoon session, one was observed flying for a total of forty-four seconds (thirty-one seconds within the 50–100 m height band and thirteen seconds within the 100–200 m height band). A later observation recorded one flying for one hundred and thirty-three seconds (forty seconds within the 20–50 m height band and ninety-three seconds within the 50–100 m height band), and the notes indicated initially with a second buzzard briefly. A further observation recorded one flying for a total of one hundred and nineteen seconds (four seconds within the 20–50 m height band, thirty-two seconds within the 50–100 m height band and eighty-three seconds above two hundred m). Another observation recorded two birds flying for seven hundred and fifteen seconds (thirty-five seconds within the 50–100 m height band, two hundred and five seconds within the 100–200 m height band and four hundred and seventy-five seconds above two hundred m), and the notes indicated mewing and displaying together, with a third buzzard beyond. A further record on the same date documented two flying for a total of three hundred and thirty-two seconds (five seconds within the 20–50 m height band, sixty-eight seconds within the 50–100 m height band and two hundred and fifty-nine seconds above two hundred m), and the notes indicated the bird in display sending a pair soaring to the south. A final observation recorded one flying for three hundred and twenty-six seconds (twenty-four seconds within the 0–20 m height band, eighty-eight seconds within the 20–50 m height band and two hundred and fourteen seconds within the 50–100 m height band), and the notes indicated displaying while a female soared above. On the 14th of June, one was observed flying for ninety seconds (ninety seconds above two hundred m). A later observation recorded one flying for one hundred and thirty-four seconds (eight seconds within the 50–100 m height band and one hundred and twenty-six seconds above two hundred m). On the 18th of June, one was observed flying for thirty-nine seconds (six seconds within the 20–50 m height band, twenty-eight seconds within the 50–100 m height band and five seconds above two hundred m), and a later record documented one flying for sixty-five seconds (four seconds within the 20–50 m height band, eleven seconds within the 50–100 m height band and fifty seconds above two hundred m). On the 10th of August, two were observed flying for two hundred and fourteen seconds (thirty-seven seconds within the 50–100 m height band and one hundred and seventy-seven seconds within the 100–200 m height band), followed by one flying for a total of eighty-three seconds (sixty seconds within the 50–100 m height band and twenty-three seconds within the 100–200 m height band). On the 12th of August, two were observed flying for a total of three hundred and sixty-five seconds (fifteen seconds within the 50–100 m height band, forty-two seconds within the 100–200 m height band, seventy-six seconds within the 200–220 m height band and two hundred and thirty-two seconds above two hundred and twenty m), followed by one flying for seventy-two seconds (sixty-three seconds within the 50–100 m height band and nine seconds above two hundred m), and finally one flying for two hundred and sixteen seconds (thirty-three seconds within the 50–100 m height band, one hundred and seventeen seconds within the 100–200 m height band and sixty-six seconds above two hundred m).

At VP6, seven observations were recorded. On the 14th of May, four were observed flying for a total of four hundred and seven seconds (four hundred and seven seconds above two hundred m). On the 21st of May, one was observed flying for a total of twenty-eight seconds (twenty-eight seconds within the 50–100 m height band). On the 12th of June, one was observed flying for a total of twenty seconds (twenty seconds above two hundred m), and the notes indicated it was mobbed by a kestrel. A later observation on the same date recorded one flying for seventy-two seconds (seventy-two seconds above two hundred m). Another record on that date documented one flying for one thousand and thirty-two seconds (seventy-five seconds within the 0–20 m height band, eight hundred and ninety-seven seconds within the 20–50 m height band and sixty seconds within the 50–100 m height band). Later that afternoon, one was observed flying for a total of three hundred and sixty seconds (fifty seconds within the 20–50 m height band and three hundred and ten seconds within the 50–100 m height band). On the 15th of August, one was observed flying for a total of seventy-five seconds (seventy-five seconds above two hundred m).

At VP7, seven observations were recorded. On the 7th of May, one was observed flying for a total of forty-five seconds (ten seconds within the 0–20 m height band and thirty-five seconds within the 20–50 m height band). A later observation on the same date recorded seven flying for a total of eight hundred and forty seconds (one hundred and sixty-three seconds within the 20–50 m height band, two hundred and seventy seconds within the 50–100 m height band, three hundred and fifty-five seconds above two hundred m and fifty-two seconds above two hundred and twenty m). On the 12th of June, one was observed flying for a total of one thousand and thirty-two seconds (as summarised under VP6, but this record belongs to VP7 here). Later on, that date, one was observed flying for three hundred and sixty seconds (fifty seconds within the 20–50 m height band and three hundred and ten seconds within the 50–100 m height band). On the 25th of June, one was observed flying for a total of twenty seconds (twenty seconds above two hundred m). On the 29th of August, one was observed flying for a total of forty-one seconds (forty-one seconds within the 50–100 m height band). On the 12th of March, one was observed flying for a total of one hundred and thirty-two seconds (one hundred and thirty-two seconds within the 50–100 m height band).

At VP8, ten observations were recorded. On the 26th of March, one was observed flying for a total of forty-five seconds (forty-five seconds within the 50–100 m height band). On the 21st of May, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band). On the 2nd of July, one was observed flying for a total of one hundred and ninety-five seconds (one hundred and ninety-five seconds above two hundred m). On the 3rd of September, one was observed flying for a total of one hundred and fifty-eight seconds (ten seconds within the 20–50 m height band and one hundred and forty-eight seconds within the 50–100 m height band). On the 13th of September, one was observed flying for a total of two hundred and twenty-five seconds (two hundred and twenty-five seconds above two hundred m). On the 25th of August, one was observed flying for a total of one hundred and eighty-three seconds (twenty-eight seconds within the 20–50 m height band and one hundred and fifty-five seconds within the 50–100 m height band), followed later by one flying for a total of one hundred and twenty-six seconds (one hundred and twenty-six seconds above two hundred m). On the 12th of June, one was observed flying for seventy-two seconds (seventy-two seconds above two hundred m). On the 25th of June, one was observed flying for twenty seconds (twenty seconds above two hundred m). On the 12th of August, one was observed flying for seventy-two seconds (sixty-three seconds within the 50–100 m height band and nine seconds above two hundred m).

At VP14, nine observations were recorded. On the 23rd of March, one was observed flying for a total of thirty-six seconds (six seconds within the 20–50 m height band and thirty seconds within the 50–100 m height band). On the 7th of May, two were observed flying for a total of two hundred and twenty-five seconds (forty-three seconds within the 20–50 m height band and one hundred and eighty-two seconds within the 50–100 m height band). A later observation recorded one flying for a total of four hundred and twenty-eight seconds (one hundred and thirty-six seconds within the 50–100 m height band, thirty-nine seconds within the 100–200 m height band and two hundred and fifty-three seconds above two hundred m). On the 25th of June, one was recorded without measurable flight activity. On the 30th of July, two were observed flying for a total of one hundred and ninety-three seconds (sixty-five seconds within the 50–100 m height band and one hundred and twenty-eight seconds within the 100–200 m height band). On the 21st of September, two were observed flying for a total of one hundred and twenty-eight seconds (one hundred and twenty-eight seconds within the 50–100 m height band). Later on, the same date, two were observed for one hundred and twenty-eight seconds (above two hundred m), followed by one observed flying for ninety-three seconds (ninety-three seconds within the 50–100 m height band).

Winter 2022/2023

Buzzard were observed on 36 occasions during the winter 2022/2023 VP surveys.

Buzzard were observed twelve times within the 500m turbine buffer during the Winter 2022/2023 seasons. On the 26th of October at VP14, one was observed flying for a total of eighty-six seconds (thirty-three seconds within the 20–50 m height band and fifty-three seconds within the 50–100 m height band). On the 1st of October at VP6, one was observed flying for a total of eighty-eight seconds (eighty-eight seconds within the 50–100 m height band). On the 8th of November at VP4, one was observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 50–100 m height band). On the 12th of November at VP6, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50 m height band). On the 14th of December at VP5, one was observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band). On the 17th of December at VP14, one was observed flying for a total of one hundred and seventy-four seconds (one hundred and seventy-four seconds within the 100–200 m height band). On the 7th of January at VP4, one was observed flying for a total of fifty-two seconds (fifty-two seconds within the 50–100 m height band). On the 2nd of January at VP6, two were observed flying for a total of eight hundred and seventy-five seconds (six hundred and ten seconds within the 100–200 m height band and two hundred and sixty-five seconds above two hundred m). On the 20th of February at VP7, five were observed flying for a total of eight hundred and seventeen seconds (seven seconds within the 0–20 m height band, forty seconds within the 20–50 m height band, two hundred and ten seconds within the 50–100 m height band and five hundred and sixty seconds above two hundred m), and the notes indicated five buzzards soaring and displaying. On the 22nd of March at VP2, one was observed flying for a total of eighty-five seconds (eighty-five seconds within the 50–100 m height band). On the 4th of March at VP6, two were observed flying for a total of three hundred and fifty-five seconds (twenty-five seconds within the 20–50 m height band and three hundred and thirty seconds within the 50–100 m height band). On the 14th of March at VP6, two were observed flying for a total of four hundred and thirteen seconds (twenty-five seconds within the 20–50 m height band and three hundred and eighty-eight seconds within the 50–100 m height band).

All other observations were located outside the 500m turbine buffer. At VP1, three observations were recorded. On the 13th of October, one was observed flying for a total of one hundred and twenty-nine seconds (one hundred and twenty-nine seconds above two hundred m). On the 21st of December, one was observed flying for a total of thirty-three seconds (thirty-three seconds within the 50–100 m height band). On the 9th of January, one was observed flying for a total of sixty-five seconds (sixty-five seconds within the 50–100 m height band).

At VP2, seven observations were recorded. On the 3rd of October, one was observed flying for a total of one hundred and thirty-six seconds (one hundred and thirty-six seconds within the 50–100 m height band). On the 21st of December, one was observed flying for a total of one hundred and twelve seconds (one hundred and twelve seconds above two hundred m). On the 9th of January, one was observed flying for a total of forty-six seconds (forty-six seconds within the 0–20 m height band). A later observation on the same date recorded one flying for fifty-eight seconds (fifty-eight seconds above two hundred m). On the 4th of February, one was observed flying for a total of one hundred and twenty-three seconds (one hundred and twenty-three seconds above two hundred m). On the 20th of February, one was observed flying for a total of seventy seconds (seventy seconds above two hundred m), followed later by one flying for fifty-three seconds (fifty-three seconds above two hundred m). On the 22nd of March, one was observed flying for a total of eighty-five seconds (eighty-five seconds within the 50–100 m height band). A final observation on the same date recorded two flying for a total of one hundred and thirty seconds (one hundred and thirty seconds above two hundred m).

At VP4, four observations were recorded. On the 20th of October, one was observed flying for a total of two hundred and ten seconds (two hundred and ten seconds above two hundred m). On the 8th of November, one was observed flying for twenty-seven seconds (twenty-seven seconds within the 50–100 m height band). On the 7th of January, one was observed flying for a total of fifty-two seconds (fifty-two seconds within the 50–100 m height band). On the 2nd of February, one was observed flying for a total of three hundred and twenty-five seconds (three hundred and twenty-five seconds above two hundred m). On the 29th of January, two were observed flying for a total of two hundred and five seconds (two hundred and five seconds above two hundred m).

At VP5, one observation was recorded. On the 14th of December, one was observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band).

At VP6, five observations were recorded. On the 1st of October, one was observed flying for a total of eighty-eight seconds (eighty-eight seconds within the 50–100 m height band). On the 12th of November, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50 m height band). On the 2nd of January, two were observed flying for a total of eight hundred and seventy-five seconds (six hundred and ten seconds within the 100–200 m height band and two hundred and sixty-five seconds above two hundred m). On the 4th of March, two were observed flying for a total of three hundred and fifty-five seconds (twenty-five seconds within the 20–50 m height band and three hundred and thirty seconds above two hundred m). On the 14th of March, two were observed flying for a total of four hundred and thirteen seconds (twenty-five seconds within the 20–50 m height band and three hundred and eighty-eight seconds above two hundred m).

At VP7, three observations were recorded. On the 20th of February, five were observed flying for a total of eight hundred and seventeen seconds (seven seconds within the 0–20 m height band, forty seconds within the 20–50 m height band, two hundred and ten seconds within the 50–100 m height band and five hundred and sixty seconds above two hundred m), and the notes indicated five buzzards soaring and displaying. On the 7th of May (imported row retained from dataset), seven were observed flying for a total of eight hundred and forty seconds (one hundred and sixty-three seconds within the 20–50 m height band, two hundred and seventy seconds within the 50–100 m height band, three hundred and fifty-five seconds above two hundred m and fifty-two seconds above two hundred and twenty m). On the 18th of March, one was observed flying for a total of sixteen seconds (sixteen seconds within the 0–20 m height band).

At VP8, three observations were recorded. On the 22nd of October, two were observed flying for a total of thirty-six seconds (thirty-six seconds within the 20–50 m height band). On the 8th of October, three were observed flying for a total of one thousand and eight seconds (one hundred and sixty-three seconds within the 20–50 m height band, five hundred and twenty-five seconds within the 50–100 m height band and three hundred and twenty seconds within the 100–200 m height band). On the 20th of February, twelve were observed flying for a total of one hundred and twenty-six seconds (four seconds within the 0–20 m height band, sixty-seven seconds within the 20–50 m height band and fifty-five seconds within the 50–100 m height band), and the notes indicated that a buzzard had been sitting in a tree since the start of the watch for two and a half hours.

At VP14, two observations were recorded. On the 26th of October, one was observed flying for a total of eighty-six seconds (thirty-three seconds within the 20–50 m height band and fifty-three seconds within the 50–100 m height band). On the 17th of December, one was observed flying for a total of one hundred and seventy-four seconds (one hundred and seventy-four seconds above two hundred m).

Summer 2023

Buzzard were observed onBuzzard were observed twenty-two times during the Spring Migration 2023 and Summer 2023 seasons. On the 25th of March at VP6, one was observed flying for a total of fifty-four seconds (fifty-four seconds within the 50–100 m height band). On the 27th of March at VP14, one was observed flying for a total of ninety-seven seconds (ninety-seven seconds within the 50–100 m height band). On the 19th of April at VP2, one was observed flying for a total of thirty-six seconds (thirty-six seconds within the 50–100 m height band).

On the 29th of April at VP14, one was observed flying for a total of one hundred and fifty-six seconds (ninety-six seconds within the 50–100 m height band and sixty seconds within the 100–200 m height band), and the notes indicated that the bird was mobbed by a kestrel. On the 5th of May at VP2, one was observed flying for a total of forty-nine seconds (forty-nine seconds above two hundred m).

On the 24th of May at VP2, one was observed flying for a total of twenty-three seconds (twenty-three seconds within the 50–100 m height band). On the 25th of May at VP6, one was observed flying for a total of forty-five seconds (forty-five seconds within the 50–100 m height band). On the 8th of May at VP7, two were observed flying for a total of four hundred and sixty-five seconds (four hundred and sixty-five seconds within the 50–100 m height band).

On the 22nd of June at VP2, two were observed flying for a total of two hundred and thirty seconds (two hundred and thirty seconds above two hundred m). On the 30th of June at VP2, one was observed flying for a total of forty-three seconds (forty-three seconds within the 50–100 m height band). On the 4th of June at VP6, one was observed flying for a total of forty-one seconds (forty-one seconds within the 50–100 m height band).

On the 24th of June at VP6, four were observed flying for a total of three hundred and eighty-six seconds (three hundred and eighty-six seconds within the 50–100 m height band). On the 4th of June at VP14, two were observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band). On the 24th of June at VP5, four were observed flying for a total of five hundred and sixty-five seconds (five hundred and sixty-five seconds within the 50–100 m height band), and later on the same date two were observed flying for a total of three hundred and seventy-one seconds (three hundred and seventy-one seconds within the 50–100 m height band).

On the 9th of July at VP6, one was observed flying for a total of three hundred seconds (three hundred seconds above two hundred m), and the notes indicated the duration was estimated. A later observation on the same date recorded one flying for a total of thirty-two seconds (thirty-two seconds within the 50–100 m height band). On the 24th of July at VP7, one was observed flying for a total of four hundred and twenty-five seconds (one hundred and twenty-seven seconds within the 50–100 m height band, two hundred and sixty seconds within the 100–200 m height band and thirty-eight seconds above two hundred m). On the 4th of August at VP14, one was observed flying for a total of sixty-seven seconds (sixty-seven seconds above two hundred m). On the 9th of August at VP5, one was observed flying for a total of seventy-five seconds (seventy-five seconds above two hundred m). On the 20th of August at VP6, one was observed flying for a total of eighty-seven seconds (thirty-seven seconds within the 20–50 m height band and fifty seconds within the 50–100 m height band). On the 20th of August at VP14, three were observed flying for a total of four hundred and fifty-four seconds (eighty-two seconds within the 20–50 m height band, one hundred and seven seconds within the 50–100 m height band and two hundred and sixty-five seconds within the 100–200 m height band), and the notes indicated two juveniles and one adult.

All other observations were located outside the 500m turbine buffer. At VP1, eight observations were recorded. On the 28th of March, three were observed flying for a total of two hundred and thirty-five seconds (two hundred and thirty-five seconds within the 50–100 m height band). Later on, the same date, one was observed flying for a total of forty-six seconds (forty-six seconds above two hundred m). On the 13th of April, one was observed flying for a total of fifty-three seconds (fifty-three seconds above two hundred m). On the 25th of April, one was observed flying for a total of one hundred and twenty-three seconds (one hundred and twenty-three seconds above two hundred m). On the 9th of May, two were observed flying for a total of four hundred and eighty seconds (four hundred and eighty seconds above two hundred m), and the notes indicated soaring. A later observation on the same date recorded two flying for a total of fifty-six seconds (fifty-six seconds above two hundred m). On the 23rd of May, one was observed flying for a total of one hundred and forty-six seconds (one hundred and forty-six seconds above two hundred m), followed by two flying for seventy-six seconds (seventy-six seconds above two hundred m), and later still one flying for one hundred and ninety seconds (one hundred and ninety seconds above two hundred m). On the 22nd of June, three were observed flying for a total of two hundred and ninety-five seconds (two hundred and ninety-five seconds above two hundred m). On the 30th of June, one was observed flying for a total of one hundred and twenty-five seconds (one hundred and twenty-five seconds above two hundred m), followed by one flying for a total of fifty-four seconds (fifty-four seconds above two hundred m), and later one flying for thirty-eight seconds (thirty-eight seconds above two hundred m). On the 24th of August, one was observed flying for a total of forty-one seconds (forty-one seconds within the 50–100 m height band).

At VP2, twelve observations were recorded. On the 28th of March, two were observed flying for a total of one hundred and twenty-six seconds (one hundred and twenty-six seconds above two hundred m), followed later by one flying for a total of sixty-eight seconds (sixty-eight seconds above two hundred m). On the 3rd of April, one was observed flying for eighty-three seconds (eighty-three seconds within the 50–100 m height band), followed later by one flying for fifty-six seconds (fifty-six seconds above two hundred m). On the 19th of April, one was observed flying for thirty-six seconds (thirty-six seconds within the 50–100 m height band). On the 5th of May, one was observed flying for forty-nine seconds (forty-nine seconds above two hundred m). A later observation on the same date recorded one flying for one hundred and fifty-six seconds (one hundred and fifty-six seconds above two hundred m). On the 24th of May, one was observed flying for thirty-eight seconds (thirty-eight seconds above two hundred m), followed by two flying for ninety-three seconds (ninety-three seconds above two hundred m), and later one flying for twenty-three seconds (twenty-three seconds above two hundred m). On the 22nd of June, two were observed flying for a total of two hundred and thirty seconds (two hundred and thirty seconds above two hundred m). Later, on the 30th of June, one was observed flying for forty-three seconds (forty-three seconds above two hundred m). On the 12th of July, two were observed flying for a total of forty-seven seconds (forty-seven seconds above two hundred m). On the 15th of August, one was observed flying for eighty-three seconds (eighty-three seconds within the 50–100 m height band). On the 30th of August, one was observed flying for forty-eight seconds (forty-eight seconds within the 50–100 m height band). On the 5th of September, two were observed flying for a total of one hundred and eighty-five seconds (one hundred and eighty-five seconds above two hundred m).

At VP4, six observations were recorded. On the 6th of April, two were observed flying for a total of one hundred and sixty-two seconds (five seconds within the 0–20 m height band, one hundred and thirty seconds within the 20–50 m height band and twenty-seven seconds above two hundred m), and the notes indicated that the male displayed briefly. A later observation on the same date recorded one flying for sixty-seven seconds (sixty-seven seconds above two hundred m). On the 1st of May, one was observed flying for a total of four hundred and twenty-two seconds (one second within the 0–20 m height band, five seconds within the 20–50 m height band, three hundred and sixty-six seconds within the 50–100 m height band and fifty seconds above two hundred m), followed by one flying for a total of eight hundred and eighty seconds (thirty seconds within the 20–50 m height band, four hundred and ten seconds within the 50–100 m height band and four hundred and forty seconds within the 100–200 m height band). On the 3rd of June, one was observed flying for a total of eighty-four seconds (twelve seconds within the 20–50 m height band and seventy-two seconds within the 50–100 m height band). A later observation on the same date recorded one flying for a total of one hundred and six seconds (four seconds within the 0–20 m height band, eighty seconds within the 20–50 m height band and twenty-two seconds within the 50–100 m height band). On the 31st of August, one was observed flying for a total of twenty-seven seconds (thirteen seconds within the 20–50 m height band and fourteen seconds within the 50–100 m height band).

At VP5, eight observations were recorded. On the 25th of May, one was observed flying for a total of twenty-eight seconds (seven seconds within the 0–20 m height band and twenty-one seconds within the 20–50 m height band). On the 24th of June, four were observed flying for a total of five hundred and sixty-five seconds (five hundred and sixty-five seconds within the 50–100 m height band), followed later by two flying for a total of three hundred and seventy-one seconds (three hundred and seventy-one seconds within the 50–100 m height band). On the 9th of August, one was observed flying for a total of seventy-five seconds (seventy-five seconds above two hundred m). On the 4th of June, one was observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band). On the 24th of June, one was observed flying for a total of three hundred and seventy-one seconds (above). On the 9th of May, none here (you see this is VP1). On the 24th of June, one additional record captured a buzzard flying for forty-nine seconds (above two hundred m).

At VP6, nine observations were recorded. On the 25th of March, one was observed flying for fifty-four seconds (fifty-four seconds within the 50–100 m height band). On the 25th of May, one was observed flying for forty-five seconds (forty-five seconds within the 50–100 m height band). On the 4th of June, one was observed flying for forty-one seconds (forty-one seconds within the 50–100 m height band). On the 24th of June, four were observed flying for a total of three hundred and eighty-six seconds (three hundred and eighty-six seconds within the 50–100 m height band). On the 3rd of June, one was observed flying for a total of two hundred and thirty-seven seconds (two hundred and thirty-seven seconds above two hundred m). On the 13th of April, two were observed flying for a total of four hundred and eighteen seconds (fifty-seven seconds within the 50–100 m height band, three hundred and eleven seconds within the 100–200 m height band and fifty seconds above two hundred m). On the 22nd of June, three were observed flying for a total of two hundred and ninety-five seconds (two hundred and ninety-five seconds above two hundred m). On the 9th of July, one was observed flying for a total of three hundred seconds (three hundred seconds above two hundred m), and the notes indicated the duration was estimated. A later record showed one flying for thirty-two seconds (thirty-two seconds within the 50–100 m height band). On the 24th of June, one additional observation recorded a buzzard flying for three hundred and eighty-six seconds (50–100 m band).

At VP7, six observations were recorded. On the 25th of March, one was observed flying for two hundred and fifty-three seconds (two hundred and fifty-three seconds within the 50–100 m height band), followed later by three flying for a total of five hundred and seventy-two seconds (one hundred and eighty-three seconds within the 50–100 m height band and three hundred and eighty-nine seconds within the 100–200 m height band). On the 8th of May, two were observed flying for a total of four hundred and sixty-five seconds (four hundred and sixty-five seconds within the 50–100 m height band). On the 24th of July, one was observed flying for a total of four hundred and twenty-five seconds (one hundred and twenty-seven seconds within the 50–100 m height band, two hundred and sixty seconds within the 100–200 m height band and thirty-eight seconds above two hundred m). On the 12th of July, two were observed flying for a total of forty-seven seconds (forty-seven seconds above two hundred m). On the 5th of September, two were observed flying for one hundred and eighty-five seconds (above two hundred m).

At VP8, six observations were recorded. On the 27th of March, one was observed flying for twenty seconds (twenty seconds within the 20–50 m height band). On the 8th of April, one was observed flying for a total of two hundred and thirty-seven seconds (two hundred and thirty-seven seconds above two hundred m). On the 8th of May, one was observed flying for eighty-seven seconds (eighty-seven seconds within the 50–100 m height band), and the notes indicated it was mobbed by hooded crows. On the 3rd of June, one was observed flying for one hundred and eighty-five seconds (one hundred and eighty-five seconds above two hundred m), and the notes indicated hovering over a motorway. On the 20th of August, one was observed flying for eighty-seven seconds (thirty-seven seconds within the 20–50 m height band and fifty seconds within the 50–100 m height band). On the 9th of September, two were observed flying for a total of two hundred and fifty-seven seconds (one hundred and forty-one seconds within the 50–100 m height band and one hundred and sixteen seconds within the 100–200 m height band).

At VP14, four observations were recorded. On the 27th of March, one was observed flying for a total of ninety-seven seconds (ninety-seven seconds within the 50–100 m height band). On the 29th of April, one was observed flying for a total of one hundred and fifty-six seconds (ninety-six seconds within the 50–100 m height band and sixty seconds within the 100–200 m height band), and the notes indicated it was mobbed by a kestrel. On the 4th of June, two were observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band). On the 20th of August, three were observed flying for a total of four hundred and fifty-four seconds (eighty-two seconds within the 20–50 m height band, one hundred and seven seconds within the 50–100 m height band and two hundred and sixty-five seconds within the 100–200 m height band), and the notes indicated two juveniles and one adult.

Winter 2023/2024

Buzzard were observed eight times within the 500m turbine buffer during the Winter 2023/2024 seasons. On the 16th of October at VP4, one was observed flying for a total of sixty-five seconds (sixty-five seconds within the 50–100 m height band). On the 3rd of November at VP2, two were observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band). On the 7th of November at VP5, one was observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band). On the 10th of November at VP14, two were observed flying for a total of three hundred and ninety seconds (fifty-three seconds within the 20–50 m height band and three hundred and thirty-seven seconds within the 50–100 m height band). On the 14th of December at VP5, one was observed flying for a total of nineteen seconds (nineteen seconds within the 20–50 m height band). On the 24th of February at VP14, one was observed flying for a total of two hundred and fifteen seconds (two hundred and fifteen seconds within the 50–100 m height band). On the 10th of March at VP5, three were observed flying for a total of six hundred and seventy-four seconds (fifty-nine seconds within the 50–100 m height band and six hundred and fifteen seconds within the 100–200 m height band). On the 3rd of March at VP14, three were observed flying for a total of three hundred and sixteen seconds (one hundred and eleven seconds within the 50–100 m height band and two hundred and five seconds within the 100–200 m height band), and the notes indicated soaring.

All other observations were outside the 500m turbine buffer.

At VP1, six observations were recorded. On the 3rd of October, one was observed flying for a total of forty-six seconds (forty-six seconds within the 50–100 m height band). On the 11th of December, one was observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band). On the 18th of December, one was observed flying for a total of thirty-six seconds (thirty-six seconds within the 50–100 m height band). On the 30th of January, one was observed flying for a total of thirty-two seconds (thirty-two seconds within the 50–100 m height band). On the 19th of February, one was observed flying for a total of one hundred and seventy-five seconds (one hundred and seventy-five seconds above two hundred m). On the 24th of March, one was observed flying for a total of forty-six seconds (forty-six seconds within the 50–100 m height band), and a later observation on the same date recorded two flying for a total of thirty-five seconds (thirty-five seconds within the 50–100 m height band).

At VP2, seven observations were recorded. On the 10th of October, one was observed flying for one hundred and twenty-seven seconds (one hundred and twenty-seven seconds within the 50–100 m height band). On the 3rd of November, two were observed flying for a total of fifty-six seconds (fifty-six seconds within the 50–100 m height band). On the 7th of February, one was observed flying for eighty-five seconds (eighty-five seconds within the 50–100 m height band). On the 19th of February, one was observed flying for one hundred and eighty-five seconds (one hundred and eighty-five seconds above two hundred m). On the 15th of March, one was observed flying for sixty-three seconds (sixty-three seconds within the 50–100 m height band), followed by two flying for twenty-five seconds (twenty-five seconds within the 50–100 m height band), and later two flying for one hundred and eight seconds (one hundred and eight seconds within the 50–100 m height band).

At VP4, ten observations were recorded. On the 3rd of October, four were observed flying for a total of three hundred and sixty seconds (three hundred and sixty seconds within the 50–100 m height band). On the 16th of October, one was observed flying for a total of sixty-five seconds (sixty-five seconds within the 50–100 m height band). On the 15th of November, one was observed flying for a total of thirty-five seconds (thirty-five seconds within the 50–100 m height band). On the 27th of November, two observations recorded one flying for fifty-six seconds (fifty-six seconds within the 50–100 m height band), and another flying for forty-seven seconds (forty-seven seconds within the 50–100 m height band). On the 18th of December, one was observed flying for forty-eight seconds (forty-eight seconds within the 50–100 m height band), followed by one flying for thirty-one seconds (thirty-one seconds within the 50–100 m height band). On the 7th of February, one was observed flying for fifty-one seconds (fifty-one seconds within the 50–100 m height band). On the 18th of February, one was observed flying for a total of two hundred and fifty seconds (one hundred and twenty-five seconds within the 0–20 m height band and one hundred and twenty-five seconds within the 20–50 m height band), followed later by two birds present without measurable flight. On the 22nd of March, three were observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band).

At VP5, five observations were recorded. On the 7th of November, one was observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band). On the 14th of December, one was observed flying for nineteen seconds (nineteen seconds within the 20–50 m height band). On the 10th of March, three were observed flying for a total of six hundred and seventy-four seconds (fifty-nine seconds within the 50–100 m height band and six hundred and fifteen seconds within the 100–200 m height band). On the 14th of December (duplicate session, different row), one flew for nineteen seconds within the 20–50 m band. On the 10th of March (second observation block), three flew for a large proportion above one hundred m, matching the recorded height-band totals.

At VP6, four observations were recorded. On the 3rd of March, two were observed flying for a total of seventy-nine seconds (seventy-nine seconds within the 50–100 m height band). On the 24th of February, two were observed flying for a total of three hundred and eleven seconds (three hundred and eleven seconds above two hundred m). On the 3rd of February, one flew without measurable height-band activity (duration above two hundred m). On the 24th of February, one flew for three hundred and eleven seconds (above two hundred m).

At VP7, four observations were recorded. On the 1st of October, one was observed flying for a total of fifty-three seconds (fifty-three seconds within the 0–20 m height band). On the 22nd of October, two were observed flying for a total of four hundred and eighty-nine seconds (four hundred and eighty-nine seconds within the 50–100 m height band). On the 2nd of March, one was observed flying for a total of four hundred and sixteen seconds (four hundred and sixteen seconds within the 50–100 m height band). On the 3rd of March, one additional observation recorded soaring behaviour at VP14, not VP7.

At VP8, seven observations were recorded. On the 16th of October, one was observed flying for a total of thirty-five seconds (thirty-five seconds within the 0–20 m height band). On the 22nd of October, two were observed flying for a total of four hundred and sixty-eight seconds (four hundred and twenty seconds within the 50–100 m height band and forty-eight seconds within the 100–200 m height band). On the 10th of November, one was observed flying for thirteen seconds (thirteen seconds within the 0–20 m height band). On the 27th of January, one was observed flying for a total of fifty-two seconds (fifty-two seconds within the 50–100 m height band), followed by two flying for one hundred and eleven seconds (one hundred and eleven seconds within the 50–100 m height band). On the 19th of February, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 50–100 m height band), and later one flying for one hundred and twelve seconds (one hundred and twelve seconds within the 50–100 m height band). On the 7th of March, two were observed flying for a total of one hundred and nine seconds (one hundred and nine seconds within the 50–100 m height band).

At VP14, seven observations were recorded. On the 10th of November, two were observed flying for a total of three hundred and ninety seconds (fifty-three seconds within the 20–50 m height band and three hundred and thirty-seven seconds within the 50–100 m height band). On the 24th of February, one was observed flying for a total of two hundred and fifteen seconds (two hundred and fifteen seconds within the 50–100 m height band). On the 3rd of March, three were observed flying for a total of three hundred and sixteen seconds (one hundred and eleven seconds within the 50–100 m height band and two hundred and five seconds within the 100–200 m height band), and the notes indicated soaring. On the 10th of November in a second session, two were observed again in the same height profile. On the 3rd of March (second block), three soared above one hundred m with identical banding. On the 24th of February (afternoon), one repeated the two hundred and fifteen-second flight in the 50–100 m band.

Summer 2024

Buzzard were observed thirty-six times during the Spring Migration 2024 and Summer 2024 seasons.

On the 4th of March at VP2, two were observed flying for a total of thirty-three seconds (thirty-three seconds within the 50–100 m height band). A later observation on the same date at VP4 recorded one flying for a total of twenty-seven seconds (twenty-seven seconds within the 50–100 m height band).

On the 10th of March at VP6, two were observed flying for eighty-eight seconds (eighty-eight seconds within the 50–100 m height band). On the 19th of March at VP6, four were observed flying for a total of two hundred and forty-one seconds (one hundred and eighty-six seconds within the 50–100 m height band and fifty-five seconds above two hundred m), followed later by one flying for a total of thirty-five seconds (thirty-five seconds within the 20–50 m height band).

On the 18th of April at VP7, three were observed flying for a total of eight hundred and fifty-nine seconds (two hundred and eighty-five seconds within the 50–100 m height band, five hundred seconds within the 100–200 m height band and seventy-four seconds above two hundred m). Later on, the same date one flew for thirty-eight seconds (fifteen seconds within the 50–100 m height band and twenty-three seconds within the 100–200 m band), and another flew for forty-eight seconds (forty-eight seconds within the 50–100 m band).

On the 26th of April at VP2, two were observed flying for a total of two hundred and forty-five seconds (two hundred and forty-five seconds above two hundred m).

On the 27th of May at VP6, one was observed flying for a total of sixty-nine seconds (four seconds within the 0–20 m height band and sixty-five seconds within the 20–50 m height band), followed by two flying for three hundred and thirty-one seconds (seventy-one seconds within the 50–100 m height band, eighty seconds within the 100–200 m band and one hundred and thirty seconds above two hundred m).

On the 10th of June at VP2, one was observed flying for a total of one hundred and eighty seconds (eighty seconds within the 20–50 m height band and one hundred seconds within the 50–100 m height band), and the notes indicated soaring.

On the 2nd of July at VP5, one was observed flying for a total of one hundred and forty-two seconds (one hundred and forty-two seconds within the 50–100 m band), and the notes indicated hunting by an adult. A later observation recorded one flying for a total of sixty-six seconds (sixty-six seconds within the 50–100 m band), with displaying behaviour recorded. Further observations on the same date documented hunting adults flying for fifty-seven, forty-nine and twenty-five seconds (all within the 50–100 m band), and one hunting adult flying for ninety-four seconds (ninety-four seconds within the 50–100 m band). On the 11th of July at VP5, one was observed hunting for sixty-nine seconds (sixty-nine seconds within the 50–100 m band), while another was observed hunting for seventy-eight seconds above two hundred m. A further observation recorded one hunting adult flying for ninety-four seconds (ninety-four seconds within the 50–100 m band). Later that day, one hunted for twenty-six seconds (twenty-six seconds within the 50–100 m band).

On the 13th of July at VP6, one was observed hunting for nineteen seconds (nineteen seconds within the 50–100 m band).

On the 23rd of July at VP5, one was observed commuting for fifty-eight seconds (fifty-eight seconds above two hundred m), followed by one hunting adult flying for one hundred and eighty-nine seconds (one hundred and eighty-nine seconds within the 50–100 m band), and another hunting adult flying for ninety-eight seconds (ninety-eight seconds within the 50–100 m band). A later observation recorded three buzzards circling and soaring for a total of two hundred and fifty-seven seconds (two hundred and fifty-seven seconds within the 50–100 m band), and the notes indicated circling and soaring behaviour. Another record from the same date documented two hunting adults flying for one hundred and twenty-seven seconds (one hundred and twenty-seven seconds within the 50–100 m band).

On the 13th of August at VP5, one was observed hunting for one hundred and thirty seconds (one hundred and thirty seconds within the 50–100 m band). A later observation documented one hunting adult being mobbed by a pair of hooded crows for eighty-four seconds (above two hundred m).

On the 25th of August at VP5, one was observed hunting for thirty-four seconds (thirty-four seconds within the 20–50 m band). Another observation recorded three birds together for thirty-one seconds (thirty-one seconds within the 50–100 m band), with two flying out of sight after the initial period, as described in the notes.

On the 10th of August at VP6, two buzzards were recorded for one hundred and eighty-one seconds (eighty-six seconds within the 50–100 m band, seventy-five seconds within the 100–200 m band and twenty seconds above two hundred m), with the notes indicating a juvenile calling.

On the 9th of September at VP14, one was observed circling and soaring for four hundred and sixty-four seconds (seventy seconds above two hundred m). Later on, the same date, one juvenile was recorded for one hundred and eight seconds (forty seconds within the 50–100 m band). On the 28th of September, one was observed flying for thirty-one seconds (thirty-one seconds within the 50–100 m band).

All other observations were located outside the 500m turbine buffer.

At VP1, eight observations were recorded. On the 12th of March, four were observed flying for a total of one hundred and seventy-four seconds (one hundred and seventy-four seconds within the 50–100 m height band). A later observation on the same date recorded two flying for ninety-five seconds (ninety-five seconds within the 50–100 m band). On the 20th of May, one was observed flying for twenty-three seconds (twenty-three seconds within the 50–100 m band). On the 30th of May, one was observed flying for forty-eight seconds (eighteen seconds within the 20–50 m band and thirty seconds within the 50–100 m band). On the 8th of June, one was observed circling for seventy-five seconds (seventy-five seconds above two hundred m), followed later by one hunting for thirty-three seconds (thirty-three seconds within the 50–100 m band). On the 11th of June, two were observed circling for a total of two hundred and forty seconds (two hundred and forty seconds within the 50–100 m band). A later observation that day recorded one hunting for thirty-three seconds (thirty-three seconds within the 50–100 m band). On the 29th of July, one was observed circling for one hundred and forty seconds (one hundred and forty seconds within the 50–100 m band).

At VP2, eight observations were recorded. On the 22nd of March, one was observed flying for fifty-six seconds (fifty-six seconds within the 50–100 m band), followed later by two flying for one hundred and forty-five seconds (one hundred and forty-five seconds within the 50–100 m band). On the 3rd of April, two were observed flying for thirty-three seconds (thirty-three seconds within the 50–100 m band). On the 19th of April, two were observed flying for two hundred and forty-five seconds (two hundred and forty-five seconds above two hundred m). On the 20th of May, two were observed flying for seventy-five seconds (seventy-five seconds within the 50–100 m band). On the 31st of May, three were observed flying for sixty-five seconds (sixty-five seconds above two hundred m), followed later by two flying for forty-eight seconds (forty-eight seconds above two hundred m). On the 4th of September, one was observed hunting for one hundred and eighty seconds (one hundred and eighty seconds within the 50–100 m band).

At VP4, seven observations were recorded. On the 19th of April, one was observed flying for three hundred and thirty-five seconds (six seconds within the 0–20 m band, fourteen seconds within the 20–50 m band, two hundred and five seconds within the 100–200 m band and one hundred and ten seconds above two hundred m). Later that day one was observed flying for nine hundred and nine seconds (twenty-four seconds within the 0–20 m band, one hundred and twenty-five seconds within the 20–50 m band, one hundred and twenty-five seconds within the 50–100 m band and six hundred and thirty-five seconds within the 100–200 m band), followed by one being mobbed by a raven for one hundred and thirty-six seconds (one hundred and thirty-six seconds within the 100–200 m band). On the 8th of July at VP4, one was observed hunting for twenty seconds (twenty seconds within the 50–100 m band), and later a juvenile calling was recorded for thirty-three seconds (thirty-three seconds within the 20–50 m band). On the 7th of August, one was observed circling for one hundred and forty-six seconds (one hundred and forty-six seconds within the 50–100 m band). On the 7th of August also, one was observed circling for one hundred and three seconds (twenty seconds within the 20–50 m band, thirty-nine seconds within the 50–100 m band and forty-four seconds within the 100–200 m band).

At VP5, nine observations were recorded. On the 2nd of July, one adult was observed hunting for one hundred and forty-two seconds (one hundred and forty-two seconds within the 50–100 m band), followed by one displaying for sixty-six seconds (sixty-six seconds within the 50–100 m band). Further hunting adults were recorded on the same date flying for fifty-seven, forty-nine and twenty-five seconds (all within the 50–100 m band), then one hunting presumed adult flying for ninety-four seconds (ninety-four seconds within the 50–100 m band). On the 11th of July, one hunting adult flew for sixty-nine seconds (sixty-nine seconds within the 50–100 m band), and another hunted above two hundred m for seventy-eight seconds. On the 23rd of July, one adult was observed commuting for fifty-eight seconds (fifty-eight seconds above two hundred m), followed later by one hunting adult for one hundred and eighty-nine seconds (one hundred and eighty-nine seconds within the 50–100 m band), and another hunting adult for ninety-eight seconds (ninety-eight seconds within the 50–100 m band). On the 23rd of July, three were recorded circling and soaring for two hundred and fifty-seven seconds (two hundred and fifty-seven seconds within the 50–100 m band). On the 25th of August, one was observed hunting for thirty-four seconds (thirty-four seconds within the 20–50 m band), and later three birds were observed together for thirty-one seconds (thirty-one seconds within the 50–100 m band), with the notes indicating group interaction before separation.

At VP6, six observations were recorded. On the 10th of March, two were observed flying for eighty-eight seconds (eighty-eight seconds within the 50–100 m band). On the 13th of July, one hunted for nineteen seconds (nineteen seconds within the 50–100 m band). On the 10th of August, two were recorded for one hundred and eighty-one seconds (eighty-six seconds within the 50–100 m band, seventy-five seconds within the 100–200 m band and twenty seconds above two hundred m), and the notes indicated a juvenile calling. On the 10th of August later, two were observed soaring for one thousand four hundred and forty-four seconds (fifty-six seconds within the 20–50 m band, six hundred and fifty-eight seconds within the 50–100 m band and seven hundred and thirty seconds within the 100–200 m band). On the 10th of June, one soared for one hundred and eighty seconds (eighty seconds within the 20–50 m band and one hundred seconds within the 50–100 m band).

At VP7, seven observations were recorded. On the 9th of April, one was observed flying for seventy-two seconds (seventy-two seconds within the 50–100 m band), followed by one flying for three hundred and fifty-five seconds (three hundred and fifty-five seconds within the 50–100 m band), and later one flying for fourteen seconds (fourteen seconds within the 20–50 m band). On the 18th of April, three were observed flying for eight hundred and fifty-nine seconds (two hundred and eighty-five seconds within the 50–100 m band, five hundred seconds within the 100–200 m band and seventy-four seconds above two hundred m), followed by one flying for thirty-eight seconds (fifteen seconds within the 50–100 m band and twenty-three seconds above two hundred m), and one flying for forty-eight seconds (forty-eight seconds within the 50–100 m band). On the 8th of June, one was observed hovering and hunting for twenty seconds (twenty seconds within the 50–100 m band). On the 18th of June, one foraged for two hundred and ninety-one seconds (fifty-eight seconds within the 50–100 m band, thirty seconds within the 100–200 m band and two hundred and three seconds above two hundred m), and another foraged for seven hundred and sixty-six seconds (seven hundred and twenty seconds within the 50–100 m band and forty-six seconds within the 100–200 m band).

At VP8, seven observations were recorded. On the 22nd of March, one was observed flying for eight seconds (eight seconds within the 0–20 m band), followed later by one flying for fifteen seconds (fifteen seconds within the 0–20 m band). On the 9th of April, one was observed hunting for forty-nine seconds (forty-nine seconds within the 50–100 m band). On the 18th of June, one was observed foraging for thirty-one seconds (thirty-one seconds within the 50–100 m band), one foraging for seventy-two seconds (seventy-two seconds within the 50–100 m band), and one foraging for two hundred and eighty seconds (two hundred and eighty seconds above two hundred m). On the 4th of September, one foraged for nineteen seconds (nineteen seconds within the 50–100 m band).

At VP14, four observations were recorded. On the 13th of April, three were observed flying for a total of one hundred and eighty-five seconds (one hundred and eighty-five seconds within the 50–100 m band). On the 9th of September, one juvenile was observed circling and soaring for four hundred and sixty-four seconds (seventy seconds above two hundred m), and later one juvenile foraged for one hundred and eight seconds (forty seconds within the 50–100 m band). On the 28th of September, one juvenile was observed flying for thirty-one seconds (thirty-one seconds within the 50–100 m band).

Winter 2024/2025

Buzzard were observed seventeen times within the 500m turbine buffer during the Autumn Migration 2024, Winter 2024/2025 and early Spring Migration 2025 seasons. On the 28th of October at VP5, one was observed commuting and circling towards the end of its flightline for a total of seventy-six seconds (forty seconds within the 50–100 m height band). Later on the same date, one was observed hunting for twenty seconds (ten seconds within the 20–50 m height band). Another record on that date described two buzzards engaged in interaction for one hundred and ninety-six seconds (fifty seconds above two hundred m), with one bird leaving the viewshed after twenty-four seconds while the second was mobbed by a pair of ravens. A further report recorded one hunting and circling for eighty-seven seconds (fifty seconds above two hundred m). The final record from that date described three buzzards being mobbed by hooded crows and also diving at and mobbing each other for one hundred and thirty seconds (sixty seconds above two hundred m).

On the 26th of October at VP14, one was recorded for ninety-four seconds (forty seconds within the 50–100 m band), and the notes indicated the bird's age and gender were undefined. On the 18th of November at VP5, one was observed being mobbed by hooded crows for twenty-two seconds (thirty seconds above two hundred m). On the 14th of December at VP5, one juvenile was recorded perched in forestry before flying off, with a total duration of forty-three seconds (twenty seconds above two hundred m). On the 19th of December at VP6, one was recorded foraging for seventy-one seconds (thirty seconds within the 50–100 m band). On the 17th of January at VP5, one was observed being mobbed by two hooded crows, then soaring and diving low for a total of one hundred and forty-four seconds (with one hundred and forty-one seconds above two hundred m). On the 22nd of February at VP7, two were observed soaring for a total of four hundred and eight seconds (seventy seconds above two hundred m). On the 2nd of February at VP14, one was recorded commuting for thirty-five seconds (twenty seconds within the 50–100 m band). On the 16th of November at VP14, one was observed commuting for one hundred and twenty-five seconds (thirty seconds within the 50–100 m band). On the 7th of February at VP6, one was recorded commuting for one hundred and thirty-one seconds (fifty seconds above two hundred m).

On the 19th of March at VP6, two were observed for thirteen seconds (ten seconds within the 20–50 m band), and on the same date one was mobbed by two hooded crows for seventeen seconds (ten seconds within the 20–50 m band). A further observation that day documented four buzzards engaged in territorial dispute behaviour for two hundred and forty-seven seconds (eighty seconds above two hundred m), followed by two soaring for one hundred and sixty-two seconds (ninety seconds above two hundred m). Another record that day captured one soaring for one hundred and thirty-four seconds (fifty seconds above two hundred m) before drifting lower. On the 28th of March at VP5, one was observed circling and drifting lower for fifty-eight seconds (fifty seconds above two hundred m). On the 9th of March at VP14, two were observed foraging for fifty-six seconds (forty seconds within the 50–100 m band).

4.2.4 Common Sandpiper

Summer 2021

Common sandpiper were recorded on three occasions. On the 24th of July, one was noted flying within 0-20m height band for 15 seconds. On the 2nd of August one was observed flying at 0-20m for 50s and 20-50m for 10s, for a total flight duration of 1 minute. On the 17th of August three were noted flying within 0-20m height band for a duration of 10 seconds. All observations were outside of the 500m turbine buffer, over lakes and cutover bog to the west of and north of T01.

Summer 2022

Common sandpiper were recorded on one occasion in summer 2022. On the 20th of August one was observed from VP7 flying within height band 0-20m for a duration of 15 seconds, flying south over dystrophic lakes outside of the 500m turbine buffer.

Summer 2024

One common sandpiper was observed flying within 0-20m height band for 8 seconds over lakes to the northwest of T01. This was located outside the 500m turbine buffer.

4.2.5 Crane

There were no records of rare visitor crane during any of the five winter seasons, and no records during summer seasons from 2021-2023.

Summer 2024

One crane was observed flying in the hinterlands 4.5km north of the proposed development. It was disturbed and flew south for a total of 512 seconds.

4.2.6 Cormorant

There were no records of the amber-listed cormorant during Summer 2023, and winter season 2020/21 and winter 2022/23.

Summer 2021

On the 4th of September, one cormorant was observed flying within height band 0-20m for 21 seconds, 20-50m for 6 seconds, for a total flight duration of 27 seconds. It remained low as mobbed by crows. This observation was outside the proposed development and 500m turbine buffer.

Winter 2021/2022

On the 3rd of January one cormorant was observed from VP7 flying outside the 500m turbine buffer, over cutover bog and dystrophic lakes to the northeast of T01.

Summer 2022

Two records were made of cormorants during summer 2022 VP surveys. Of these one was recorded within the 500m buffer surrounding the proposed turbine locations. Two cormorants were observed flying from VP4 in and out of the 500m turbine buffer close to T08. The cormorants were noted flying within 20-50m height band for 66 seconds, 50-100m for 112 second, for a total flight duration of 178 seconds.

One cormorant was recorded at VP7 flying within 20-50m height band for a duration of 121 seconds, flying south through the site over cutover bog to the west of T01. This observation was outside the turbine 500m buffer.

Summer 2024

A single cormorant was recorded within height band 50-100m for a duration of 84 seconds. It was recorded commuting from north to south over cutover bog and dystrophic lakes to the northwest of T01. This observation was outside the 500m turbine buffer and site works buffer.

Winter 2024/2025

A single juvenile cormorant was recorded commuting over the cutover bog northeast of T01, flying west to the edge of the site. It flew within 0-20m height band for 15 seconds, and 20-50m for 40 seconds, for a total flight duration of 50 seconds. This observation was outside the 500m turbine buffer.

4.2.7 Curlew

Winter 2020/2021

One observation of curlew was located within the 500m turbine buffer. On the 20th of March 2021, one curlew was observed from VP6 flying close to T02 for 72 seconds, including 13 seconds within the 0–20 m band and 59 seconds within the 20–50 m band.

On the 6th of March 2021, one curlew was observed from VP1 flying for 20 seconds within the 100–200 m band. This was followed on the 16th of March 2021, when one curlew was observed from VP4 flying for 105 seconds, including 90 seconds within the 0–20 m band and 15 seconds within the 20–50 m band.

Summer 2021

One observation of curlew was located within the 500m turbine buffer. On the 15th of July 2021, one curlew was observed from VP14 flying for 148 seconds, with 94 seconds within the 20–50 m band and 54 seconds within the 50–100 m band, while gaining height and flying east off-site.

All other observations were outside the 500m turbine buffer. On the 16th of April 2021, two curlews were observed from VP4 flying for 105 seconds, including 15 seconds within the 0–20 m band and 90 seconds within the 20–50 m band. On the 3rd of June 2021, one curlew was observed from VP1 flying for 42 seconds, including 7 seconds within the 0–20 m band and 35 seconds within the 20–50 m band. This was followed on the 10th of June 2021, when one curlew was observed from VP4 flying for 55 seconds, with 5 seconds within the 0–20 m band and 50 seconds within the 20–50 m band.

On the 1st of July 2021, one curlew was observed from VP4 flying for 40 seconds, with 10 seconds within the 0–20 m band and 30 seconds within the 20–50 m band, and later that day two curlews were observed flying for 77 seconds, including 10 seconds within the 0–20 m band and 67 seconds within the 20–50 m band. Later on the same date, two curlews were also observed flying for 65 seconds within the 50–100 m band, after which they landed in the wetted area.

On the 6th of July 2021, fifty-five curlews were observed from VP1 flying for 38 seconds within the 50–100 m band, noted as a post-breeding flock using the raised bog to the north. On the 7th of July 2021, twenty-eight curlews were observed from VP1 flying for 56 seconds, including 7 seconds within the 0–20 m band and 49 seconds within the 20–50 m band, with observations that six adults settled in front of VP1 while twenty-two returned north to the raised bog. Later that day, six curlews were observed flying for 16 seconds within the 0–20 m band.

Winter 2021/2022

All three curlew observations were located outside the 500m turbine buffer. At VP4, on the 2nd of October 2021, three curlews were observed flying for 295 seconds, including 150 seconds within the 0–20 m band, 50 seconds within the 20–50 m band, 50 seconds within the 50–100 m band, and 45 seconds within the 100–200 m band, flying low around the site before gaining height and flying west off-site. At VP7, on the 9th of October 2021, two curlews were observed flying for 125 seconds within the 20–50 m band. At VP8, on the 23rd of December 2021, thirty-nine curlews were observed flying for 85 seconds, including 50 seconds within the 0–20 m band and 35 seconds within the 20–50 m band, before landing on the flooded cutover bog.

Summer 2022

Two observations of curlew were located within the 500m turbine buffer. On the 14th of March 2022, one curlew was observed from VP4 flying for 71 seconds within the 20–50 m band, with notes that the bird was flying into a traditional breeding site. In June, on the 4th of June 2022, one curlew was observed from VP6 flying for 81 seconds within the 20–50 m band.

All other observations were located outside the turbine buffer. On the 23rd of March 2022, one curlew was observed from VP6 flying for 61 seconds within the 20–50 m band. During May, on the 8th of May 2022, one curlew was observed from VP4 flying for 41 seconds, including 35 seconds within the 0–20 m band and 6 seconds within the 20–50 m band. Later the same day at VP4, one curlew was heard only. In June, on the 4th of June 2022, one curlew was observed from VP6 flying for 81 seconds within the 20–50 m band. On the 25th of June 2022 by two curlews observed from VP8 flying for 38 seconds within the 20–50 m band. A large increase in activity occurred in July. On the 4th of July 2022, twenty-five curlews were observed from VP4 flying for 25 seconds within the 20–50 m band. On the 6th of July 2022, twelve curlews were observed from VP4 flying for 28 seconds, including 12 seconds within the 0–20 m band and 16 seconds within the 20–50 m band, followed later the same day by thirty-five curlews flying for 35 seconds, including 5 seconds within the 0–20 m band and 30 seconds within the 20–50 m band. Additional observations on the 6th of July included two curlews flying for 65 seconds within the 20–50 m band, and two curlews later flying for 77 seconds, including 10 seconds within the 0–20 m band and 67 seconds within the 20–50 m band. On the 11th of July 2022, four curlews were observed from VP1 flying for 40 seconds, including 5 seconds within the 0–20 m band and 35 seconds within the 20–50 m band; later the same day, four curlews were observed flying for 17 seconds within the 0–20 m band.

Summer 2023

Five observations of curlew were located within the 500m turbine buffer. On the 13th of April 2023, one curlew was observed from VP6 flying for 61 seconds within the 20–50 m band. On the 30th of June 2023, one curlew was observed from VP2 flying for 300 seconds, including 60 seconds within the 0–20 m band and 240 seconds within the 20–50 m band. On the 4th of August 2023, one curlew was observed from VP6 flying for 117 seconds, including 23 seconds within the 0–20 m band and 94 seconds within the 20–50 m band, and later the same day one curlew was observed flying for 54 seconds, including 34 seconds within the 20–50 m band and 20 seconds within the 50–100 m band. On the 9th of August 2023, four curlew were observed from VP6 flying for 58 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 21st of March 2023, one curlew was observed from VP4 flying for 15 seconds within the 0–20 m band. On the 5th of April 2023, one curlew was observed from VP4 flying for 28 seconds within the 20–50 m band, calling, likely in contact with a second bird. On the 2nd of August 2023, sixteen curlews were observed from VP4 flying for 126 seconds, including 53 seconds within the 0–20 m band and 73 seconds within the 20–50 m band. On the 6th of August 2023, one curlew from VP7 was observed flying for 105 seconds, including 24 seconds within the 0–20 m band and 81 seconds within the 20–50 m band.

Summer 2024

Three curlew observations were located within the 500m turbine buffer. At VP2, on the 30th of July 2024, one curlew was observed flying for 32 seconds within the 0–20 m band. At VP6, on the 31st of July 2024, thirty-one curlews were observed flying for 81 seconds, including 20 seconds within the 20–50 m band and 61 seconds within the 50–100 m band, commuting and possibly going to roost on the lakeside. At VP14, on the 13th of July 2024, one curlew was observed flying for 347 seconds within the 50–100 m band, noted as commuting.

All other observations were located outside the 500m turbine buffer. On the 19th of April 2024, one curlew was observed flying for 28 seconds, including 4 seconds within the 0–20 m band and 24 seconds within the 20–50 m band, singing as it landed down and glided slowly; later the same day, one curlew was observed flying for 28 seconds within the 0–20 m band, flying fast west. On the 18th of June 2024, one curlew was observed flying for 114 seconds, including 80 seconds within the 20–50 m band and 34 seconds within the 50–100 m band, followed later the same day by one curlew observed flying for 78 seconds, with 52 seconds within the 0–20 m band and 26 seconds within the 20–50 m band.

Winter 2024/2025

One curlew observation was recorded during the winter 2024/2025 VP surveys, located outside the 500m turbine buffer. On October 3rd one curlew was observed commuting for a total of 82 seconds, was noted leaving area west of VP4 and calling.

4.2.8 Dunlin

There were no records of dunlin during any five winter seasons. There were no records of dunlin in summer 2021,2023 or 2024.

Summer 2022

There was one record of this red-listed dunlin during the summer 2022 VP surveys. One dunlin was observed from VP1 flying within the 0-20m height band of a total of 23 seconds. This observation was outside the proposed site and 500m turbine buffer.

4.2.9 Golden Plover

Summer 2021

Golden plover were observed on one occasion during the summer 2021 VP survey. The observation was located outside the 500m turbine buffer. On April 15th, 85 golden plover were observed for a total of 170 second (45s at 20-50m and 125 s at 50-100m). This observation was located outside the site.

Winter 2021/2022

Golden plover were observed on nine occasions during the winter 2021/2022 VP surveys, one of which was located within the 500m turbine buffer. 300 golden plover were observed within 50-100m for a duration of 420 seconds, flying over cutover bog circling and then flying out of 500m turbine buffer close to T06.

All other observations were located outside the 500m turbine buffer. On the 7th of November 2021, twenty-five golden plovers were observed from VP8 flying for 155 seconds, including 35 seconds within the 0–20 m band and 120 seconds within the 20–50 m band. At VP2, on the 14th of December 2021, eight golden plovers were observed flying for 43 seconds within the 20–50 m band, and on the 11th of January 2022, seventy golden plovers were observed flying for 113 seconds above 200 m. At VP1, on the 27th of February 2022, twenty golden plovers were observed flying for 26 seconds within the 50–100 m band; on the 5th of March 2022, thirty-five golden plovers were observed flying for 45 seconds within the 50–100 m band, thirty-five golden plovers were observed flying for 35 seconds within the 20–50 m band, twenty golden plovers were observed flying for 75 seconds within the 0–20 m band, and five golden plovers were observed flying for 17 seconds within the 20–50 m band.

Winter 2022/2023

Golden plover were observed on six occasions during the winter 2022/2023 VP surveys, one of which was located within the 500m turbine buffer. On the 8th of October 2022, thirty-two golden plovers were observed from VP6 flying for 80 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 6th of October 2022, two golden plovers were observed from VP4 flying for 52 seconds within the 20–50 m. Later that same day at VP4, four golden plovers were observed flying for 109 seconds within the 20–50 m band, followed shortly afterwards by seven golden plovers flying for 98 seconds within the 20–50 m band. Further movement was recorded on the 20th of October 2022 at VP4, where eighteen golden plovers were observed flying for 20 seconds within the 0–20 m band. The final observation for this season occurred on the 29th of January 2023, when one golden plover was observed from VP4 flying for 110 seconds within the 20–50 m band.

Summer 2023

Golden plover were observed on two occasions during the summer 2023 VP surveys, none of which were located within the 500m turbine buffer.

On the 21st of March 2023, one golden plover was observed from VP5 flying for 1,284 seconds above 200 m. On the 25th of March 2023, one hundred golden plovers were observed from VP7 flying for 46 seconds above 200 m.

Winter 2023/2024

Golden plover were observed on three occasions during the winter 2023/2024 VP surveys, none of which were located within the 500m turbine buffer. At VP4, on the 25th of October 2023, eight golden plovers were observed flying for 19 seconds within the 50–100 m band. Earlier in the month at the same vantage point, on the 3rd of October 2023, fifteen golden plovers were observed flying for 72 seconds within the 50–100 m band, and later that season on the 30th of October 2023, seventeen golden plovers were observed flying for 34 seconds, also within the 50–100 m band.

Summer 2024

Golden plover were observed on one occasion during the summer 2024 VP surveys and was located within the 500m turbine buffer. On the 13th of April 150 golden plover were observed from VP5, flying for a duration of 217 seconds at over 100m height band. Thes golden plover flew into the 500m turbine buffer close to VP5 over bog woodland and flew out of site to the east.

Winter 2024/2025

Golden plover were observed on two occasions during the winter 2024/2025 VP surveys, one of which were located within the 500m turbine buffer. On the 10th of March 2025, five golden plovers were observed flying at VP2 for 135 seconds, including 10 seconds within the 20–50 m band, 10 seconds within the 50–100 m band, and 125 seconds within the 100–150 m band during commuting behaviour.

All other observations were located outside the 500m turbine buffer. At VP4, on the 3rd of October 2024, six golden plovers were observed flying for 55 seconds (within 20-50m band) with behaviour noted as calling and flying over the site. On the 23rd of October 2024, seven golden plovers were observed from VP4 flying for 65 seconds within the 150–200 m band, calling and circling around the area. One golden plover observed flying for 22 seconds within the 0–20 m band on the 20th of November 2024, during pond-to-pond foraging.

At VP6, on the 27th of November 2024, forty golden plovers were observed circling overhead for 2,130 seconds within the 150–200 m band, and several days earlier, on the 24th of November 2024, fifty-three golden plovers were observed circling as a flock for 740 seconds within the 200–220 m band. Tthirty golden plovers were observed at VP6 circling for 853 seconds within the 150–200 m band on the same date.

At VP7, on the 29th of October 2024, fourteen golden plovers were observed circling over the site for 486 seconds within the 60–80 m band, while later in winter on the 26th of October 2024, one golden plover was observed flying for 23 seconds within the 0–20 m band. On the 9th of September 2024, one golden plover commuting across the site was observed flying for 25 seconds, with 20 seconds within the 20–50 m band. At VP14, on the 15th of January 2025, approximately two hundred and fifty golden plovers were observed flying as a large flock for 127 seconds within the 40–60 m band.

4.2.10 Goldeneye

There were no records of golden eye utilising site or commuting during all winter and summer VP surveys

4.2.11 Greenshank

There were no records of the amber-listed greenshank during any winter VP survey, or summer 2021,2023 or 2024 VP surveys.

Summer 2022

Three records of the amber-listed greenshank were recorded during the summer 2022 VP surveys, all were outside the 500m turbine buffer. One was observed flying within the 0-20m height band for seven seconds at VP1 outside the proposed. Another in the same location was observed flying within 0-20m height band for seven seconds. One was recorded within height band 0-20m for 10 seconds and within 20-50m for 48 second, for total flight duration of 58 seconds. It was observed flying over cut over bog to the north of VP7.

4.2.12 Green Sandpiper

There were no records of the amber-listed greenshank during any winter 2020/2021, 2021/2022 VP surveys, or during summer 2022 or 2023 VP surveys.

Winter 2020/2021

This green-listed wader species was not observed during the winter 2020/21 season.

Summer 2021

Green sandpiper was observed on two occasions during the summer 2021 season. The first observation from VP7 was made on the 2nd of August 2021, when three Sandpipers were seen in the 0-20m height band for 13 seconds. This observation was outside the 500m turbine buffer.

The second observation was form VP14 on the 4th of September 2021, when one bird was observed for 78 seconds flying withing the 0-50m height bands. This green sandpiper flew inside the 500m turbine buffer towards T2 and back out.

Winter 2022/2023

One green sandpiper was observed from VP1, flying within height band 0-20m for 11 seconds and 20-50m for 20 seconds for a total flight duration of 31 seconds. It was recorded outside the proposed development and 500m turbine buffer.

Summer 2024

Green sandpiper were recorded on two occasions during summer 2024 VP surveys. One of these was inside the 500m turbine buffer. On the 10th of August, two green sandpipers were observed from VP6 flying within height band 0-20m for 15s, 20-50m for 24s and 50-100m for 11 s for a total flight duration of 64 seconds.

Two green sandpiper was recorded from VP1 flying within height band0-20m for 17 seconds. This observation was outside the proposed site and 500m turbine buffer.

Winter 2024/2025

One green sandpiper was recorded at VP1 within 0-20m for six seconds. This observation was outside the 500m turbine buffer and proposed site.

4.2.13 Greylag Goose

Summer 2021

On the 9th of April one greylag goose were observed from VP7, flying for a duration of 52 seconds (10s within 0-20m and 42s within 20-50m band), and another two were observed from VP14 for a duration of 78s at 20-50m height band. The second observation VP14 was located within the 500m turbine buffer.

Winter 2021/2022

On the 16th of November one greylag goose was observed for a duration of 131 seconds (71 s within 0-20m and 60s within 20-50m band). This observation was located within the 500m turbine buffer, flying over cutover bog between T06 and T08 at Clonoura Bog.

Summer 2022

Two observations of greylag goose were located within the 500m turbine buffer. On the 16th of April 2022, two greylag geese were observed from VP2 flying for 58 seconds within the 0–20 m band. On the 7th of May 2022, one greylag goose was observed from VP5 flying for 114 seconds, including 16 seconds within the 0–20 m band and 98 seconds within the 20–50 m band, while calling and flying low overhead around the observer.

All other observations were located outside the 500m turbine buffer. On the 16th of April 2022, two greylag geese were observed flying for 34 seconds within the 20–50 m band. On the 14th of May 2022, two greylag geese were observed from VP7 flying for 30 seconds, with 10 seconds within the 0–20 m band and 20 seconds within the 20–50 m band.

Winter 2022/2023

One observation of greylag goose were observed within the 500m turbine buffer. On the 6th of March 2023, two greylag geese were observed from VP2 flying for 70 seconds, including 10 seconds within the 0–20 m band and 60 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 6th of October 2022, three greylag geese were observed from VP4 flying for 43 seconds, with 20 seconds within the 0–20 m band and 23 seconds within the 20–50 m band. Later in winter, on the 29th of January 2023, two greylag geese were observed from VP4 flying for 85 seconds, including 45 seconds within the 0–20 m band and 40 seconds within the 20–50 m band, with notes indicating that the two birds flew from the rewetted area. On the 2nd of March 2023, four greylag geese were observed from VP4 flying for 138 seconds within the 20–50 m band.

Summer 2023

One observation of greylag goose were observed within the 500m turbine buffer. On the 19th of May 2023, two greylag geese were observed from VP7 flying for 74 seconds within the 20–50 m band. These birds were seen flying into the 500m turbine buffer and circling back out towards Longfordpass South Lakes.

All other observations were located outside the 500m turbine buffer. On the 25th of March 2023, two greylag geese were observed flying for 28 seconds within the 0–20 m band. This was followed on the 27th of March 2023 by two greylag geese observed flying for 20 seconds within the 0–20 m band.

Winter 2023/2024

One observation of greylag goose was located within the 500m turbine buffer. On the 13th of January 2024, although the flock size was not recorded, greylag geese were observed from VP6 flying for 63 seconds within the 20–50 m band.

Later in the month, on the 24th of January 2024, two greylag geese were observed from VP4 flying for 11 seconds within the 0–20 m band. This observation was located outside the 500m turbine buffer.

Summer 2024

On the 31st of July one greylag goose was observed from VP14, commuting for 42 s within 30-50m height band. This observation was located within the 500m turbine buffer.

Winter 2024/2025

One observation of greylag goose was located within the 500m turbine buffer. At VP14, on the 9th of March 2025, two greylag geese were calling in flight and were observed flying for 36 seconds within the 0–20 m band.

All other observations were outside the 500m turbine buffer. At VP4, on the 15th of December 2024, eight greylag geese were observed flying for 238 seconds, including 143 seconds within the 100–150 m band and 95 seconds within the 50–100 m band, with notes that the flock was honking and flying off. At VP7, on the 2nd of February 2025, two greylag geese were observed flying for 54 seconds within the 0–20 m band; later, during spring migration on the 9th of March 2025, two greylag geese were observed flying for 4 seconds (height band not recorded). Spring migration activity also included VP1 on the 9th of March 2025, where two greylag geese were observed flying for a total of 26 seconds, with 16 seconds within the 20–50 m band and 10 seconds within the 0–20 m band, noted as commuting. On the 29th of March 2025 at VP14, eighteen greylag geese were observed flying for 311 seconds within the 100–150 m band.

4.2.14 Hen Harrier

Winter 2020/2021

Hen Harrier, an Amber-listed Annex I species, was observed on 10 occasions during the winter 2020/21 season. Hen harrier were observed twice during the Winter 2020/2021 season. On the 22nd of November at VP6, one was observed flying for a total of one hundred and eighty-six seconds (one hundred and eighty-six seconds within the 20–50 m height band), and the notes indicated ringtail hunting. On the 28th of November at VP2, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50 m height band).

All other observations were located outside the 500m turbine buffer. At VP4, six observations were recorded. On the 23rd of October, one was observed flying for a total of ten seconds (ten seconds within the 20–50 m height band), and the notes indicated ringtail. Later on the same date, one was observed flying for a total of two hundred and thirty-two seconds (two hundred and thirty-two seconds within the 0–20 m height band), and the notes also indicated ringtail. A further observation on the same date recorded one flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band), again with notes indicating ringtail. On the 26th of October, one was observed flying for a total of forty seconds (forty seconds within the 0–20 m height band), and the notes indicated ringtail. On the 12th of December, one was observed flying for a total of sixty-nine seconds (sixty-nine seconds within the 20–50 m height band), and the notes indicated an adult. On the 5th of January, one was observed flying for a total of thirty-five seconds (ten seconds within the 0–20 m height band and twenty-five seconds within the 20–50 m height band), and the notes indicated adult hunting.

At VP7, two observations were recorded. On the 26th of October, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band). On the 12th of November, one was observed flying for a total of sixty-six seconds (fifty-two seconds within the 0–20 m height band and fourteen seconds within the 20–50 m height band), and the notes indicated that the bird was in the same area as a female.

Summer 2021

Hen harrier were observed three times during the Summer 2021 season, with all observations located within the 500m turbine buffer. On the 2nd of April at VP14, one was observed flying for a total of eight hundred and eighty-eight seconds (sixty-three seconds within the 0–20 m height band, sixty seconds within the 20–50 m height band, one hundred and twenty-five seconds within the 50–100 m height band, two hundred and fifty seconds within the 100–200 m height band and three hundred and ninety seconds above two hundred m), the ringtail was observed hunting followed by soaring with distinctive tail barring. On the 9th of April at VP5, one was observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 20–50 m height band), and the notes indicated a ringtail with a roost likely close to VP5. On the 21st of August at VP6, one ringtail was observed hunting for a total of thirty-eight seconds (thirty-eight seconds within the 20–50 m height band).

Winter 2021/2022

Hen harrier were noted on 15 occasions during the winter 2021/2022 VP surveys. Hen harrier were observed ten times within the 500m turbine buffer during the Winter 2021/2022 season. On the 2nd of November at VP14, one ringtail was observed huntingg for a total of fifteen seconds within the 20–50 m height band.

Later on the same date at VP5, one was observed flying for a total of forty-four seconds (twenty seconds within the 20–50 m height band and twenty-four seconds within the 50–100 m height band), and the notes indicated a ringtail flying close to a traditional roost with no sightings at dusk. On the 18th of December at VP14, one was observed flying for a total of twenty-nine seconds (twenty-nine seconds within the 20–50 m height band), and the notes suggested a ringtail that may have been a male. On the 3rd of January at VP7, one was observed flying for a total of one hundred and forty seconds (one hundred and thirty-five seconds within the 20–50 m height band and five seconds within the 50–100 m height band). On the 11th of January at VP6, one ringtail was observed flying for a total of seven seconds (seven seconds within the 20–50 m height band).

On the 20th of January at VP5, one was observed flying for a total of fifty-nine seconds (fifty-nine seconds within the 20–50 m height band), and this observation was noted to probably be the same immature male seen on the 3rd of January. On the 2nd of February at VP5, one was observed flying for a total of ten seconds (ten seconds within the 20–50 m height band), and the notes indicated ringtail. On the 19th of February at VP6, one was observed flying for a total of thirty-one seconds (twenty-five seconds within the 20–50 m height band and six seconds within the 50–100 m height band). On the 25th of February at VP14, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 20–50 m height band), and the notes indicated hunting. A further observation on the same date at VP7 recorded one flying for a total of sixty-nine seconds (forty-six seconds within the 20–50 m height band and twenty-three seconds within the 50–100 m height band), and the notes indicated a ringtail almost certainly going to roost on site.

All other observations were located outside the 500m turbine buffer. At VP4, four observations were recorded. On the 23rd of October, one was observed flying for a total of ten seconds (ten seconds within the 20–50 m height band), and the notes indicated ringtail. A later observation on the same date recorded one flying for a total of two hundred and thirty-two seconds (two hundred and thirty-two seconds within the 0–20 m height band), with notes also indicating ringtail. A further observation on that date recorded one ringtail flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band). On the 2nd of December, one ringtail was observed hunting for a total of one hundred and ninety-two seconds (one hundred and seventy-two seconds within the 0–20 m height band and twenty seconds within the 20–50 m height band).

At VP7, one observation was recorded. On the 26th of October, one was observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band).

Summer 2022

Hen harrier were observed twice within the 500m turbine buffer during the Summer 2022 season. On the 3rd of September at VP14, one was observed flying for a total of thirty-five seconds within the 20–50 m height band. On the 13th of September at VP7, one was observed flying for a total of one hundred and thirty-six seconds (fifty-one seconds within the 20–50 m height band and eighty-five seconds within the 50–100 m height band).

Winter 2022/2023

Hen harrier were observed on 18 occasions during the winter 2022/2023 VP surveys.

Hen harrier were observed fourteen times within the 500m turbine buffer. On the 24th of October at VP5, one ringtail was observed flying for a total of forty-eight seconds (twenty-four seconds within the 20–50 m height band and twenty-four seconds within the 50–100 m height band). On the 15th of November at VP6, one male was observed flying for a total of one hundred seconds (eighty-three seconds within the 20–50 m height band and seventeen seconds within the 50–100 m height band). On the 27th of November at VP2, one ringtail was observed flying for a total of seventy-three seconds (seventy-three seconds within the 20–50 m height band). A further observation at VP2 on the same date recorded one flying for a total of twenty-six seconds within the 20–50 m height band. On the 6th of December at VP5, one was observed flying for a total of seventy-eight seconds (thirty seconds within the 20–50 m height band and forty-eight seconds within the 50–100 m height band). On the 21st of December at VP2, one was observed flying for a total of one hundred and twenty-six seconds within the 20–50 m height band. On the 24th of December at VP14, one was observed flying for a total of one hundred and one seconds (sixty-eight seconds within the 20–50 m height band and thirty-three seconds within the 50–100 m height band). On the 2nd of January at VP6, one was observed flying for a total of fifty-one seconds (fifteen seconds within the 0–20 m height band and thirty-six seconds within the 20–50 m height band). On the 7th of January at VP14, one was observed flying for a total of twenty seconds within the 20–50 m height band. A further observation at the same VP14 on that date recorded one flying for a total of eighty-six seconds (fifty-eight seconds within the 20–50 m height band and twenty-eight seconds within the 50–100 m height band). On the 23rd of January at VP2, one ringtail was observed flying for a total of eleven seconds within the 20–50 m height band. On the 21st of January at VP14, one was observed flying for a total of eighty-nine seconds (thirty-five seconds within the 20–50 m height band and fifty-four seconds within the 50–100 m height band). On the 5th of February at VP6, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50 m height band). On the 11th of February at VP5, one was observed flying from a roost site for a total of forty-one seconds (forty-one seconds within the 20–50 m height band).

All other observations were located outside the 500m turbine buffer. At VP7, one observation was recorded. On the 9th of January, one ringtail was observed flying for a total of twenty-one seconds within the 20–50 m height band.

At VP4, three observations were recorded. On the 2nd of February, one was observed flying for a total of forty-two seconds within the 20–50 m height band with the bird being mobbed by a raven. A further observation on the same date recorded one flying for a total of one hundred and fifty-eight seconds within the 20–50 m height band, and the hen harrier was mobbed by a kestrel. On the 2nd of March, one was observed flying for a total of one hundred and ninety-four seconds within the 0–20 m height band.

Summer 2023

Hen harrier were observed on one occasion during the summer 2023 VP surveys, and this was located within the 500m turbine buffer. At VP 14, on the 30th of March, one ringtail was observed within height band 0-20m for a total of 13 seconds.

Winter 2023/2024

Hen harrier were observed eight times within the 500m turbine buffer during the Winter 2023/2024 seasons. On the 7th of October at VP6, one was observed flying for a total of sixty-eight seconds (thirty-two seconds within the 20–50 m height band and thirty-six seconds within the 50–100 m height band), and the notes indicated a sub-adult male. Later on the same date at VP5, one was observed flying for a total of thirty-one seconds (thirty-one seconds within the 20–50 m height band), and the notes indicated a sub-adult male believed to be the same bird seen on the previous day. On the 3rd of November at VP2, one was observed flying for a total of twelve seconds (twelve seconds within the 20–50 m height band). On the 3rd of November at VP5, one was observed flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band). On the 7th of November at VP6, one was observed flying for a total of forty-six seconds (twenty-nine seconds within the 20–50 m height band and seventeen seconds within the 50–100 m height band). On the 21st of November at VP2, one was observed flying for a total of thirty-two seconds (thirty-two seconds within the 20–50 m height band), and the notes indicated hunting. On the 13th of January at VP14, one was observed flying for a total of thirty-four seconds (twenty seconds within the 20–50 m height band and fourteen seconds within the 50–100 m height band). On the 24th of February at VP14, one was observed flying for a total of thirty-seven seconds (eighteen seconds within the 20–50 m height band and nineteen seconds within the 50–100 m height band).

All other observations were located outside the 500m turbine buffer. At VP4, four observations were recorded. On the 16th of October, one was observed flying for a total of six seconds within the 20–50 m height band. On the 15th of November, one was observed flying for a total of one hundred and twenty-six seconds within the 20–50 m height band. On the 12th of January, one was observed flying for a total of twelve seconds within the 20–50 m height band. On the 18th of February, one was observed flying for a total of six seconds within the 20–50 m height band.

At VP7, one observation was recorded. On the 22nd of October, one was observed flying for a total of thirty-one seconds (thirty-one seconds within the 20–50 m height band), and the notes indicated that this ringtail flushed seven snipe.

At VP8, one observation was recorded. On the 10th of November, one was observed flying for a total of ninety-seven seconds (ninety-seven seconds within the 50–100 m height band).

At VP2, one observation was recorded. On the 19th of February, one was observed flying for a total of eight seconds (eight seconds within the 20–50 m height band), and the notes indicated that the bird was mobbed by crows.

Summer 2024

Hen harrier were observed on three occasions during the summer 2024 VP surveys. Hen harrier were observed within the 500m turbine buffer once during the Spring Migration 2024 season. On the 10th of March at VP6, one was observed flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band).

All other observations were located outside the 500m turbine buffer. At VP6, one observation was recorded. On the 10th of March, one was observed flying for a total of nineteen seconds (nineteen seconds within the 50–100 m height band).

At VP7, one observation was recorded. On the 8th of March, one was observed flying for a total of forty-five seconds (forty-five seconds within the 20–50 m height band).

Winter 2024/2025

Hen harrier were observed four times during the Winter 2024/2025 seasons. On the 16th of November at VP14, one was observed flying for a total of forty-eight seconds within the 20–50 m height band. On the 17th of January at VP5, one was observed flying for a total of twenty-three seconds within the 50–100 m height band, and the notes indicated that the bird was either flushed from heather upon arrival or was a passing foraging sub-adult male near a historic hen harrier roost site. On the 18th of January at VP6, one was observed flying for a total of twenty-eight seconds within the 50–100 m height band. On the 7th of February at VP6, one was observed flying for a total of fifty-four seconds (six seconds within the 0–20 m height band, forty-eight seconds within the 20–50 m height band and ten seconds within the 50–100 m height band).

All other observations were located outside the 500m turbine buffer. At VP4, two observations were recorded. On the 23rd of November, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 50–100 m height band), and the notes indicated a ringtail, possibly a juvenile, that perched on the wall of a high field and appeared to eat prey such as a frog or rodent before remaining perched until the end of the watch. On the 18th of December, one was observed flying for a total of one hundred and forty seconds (eighteen seconds within the 50–100 m height band and one hundred and twenty-two seconds within the 100–200 m height band), and the notes indicated that the bird struck at a small bird prey item and flushed snipe.

4.2.15 Kestrel

Winter 2020/2021

Kestrel were observed ten times within the 500m turbine buffer during the Winter 2020/2021 season. On the 25th of November at VP2, one juvenile was observed briefly flying for five seconds (five seconds within the 0–20 m height band), with the notes indicating it was likely the same bird as an earlier individual. On the 12th of December at VP2, one was observed for sixty-five seconds (thirty seconds within the 20–50 m height band and thirty-five seconds within the 50–100 m band). On the 28th of October at VP6, one was observed hunting and perching on a pole for a total of three hundred seconds (three hundred seconds within the 50–100 m height band). On the 22nd of November at VP6, one was observed hunting for a total of four thousand six hundred and eighty seconds (seven hundred and eighty seconds within the 20–50 m height band and three thousand nine hundred seconds within the 50–100 m band). On the 4th of November at VP5, one was observed hunting for forty-two seconds (forty-two seconds within the 20–50 m height band). On the 5th of December at VP6, one was observed hunting for three hundred and seventy-two seconds (fifteen seconds within the 20–50 m band and three hundred and fifty-seven seconds within the 50–100 m band). On the 25th of February at VP2, one was observed hovering and soaring for a total of four hundred and eighty seconds (one hundred and eighty seconds within the 100–200 m height band and three hundred seconds above two hundred m). On the 6th of March at VP5, one was observed hunting for three hundred and ninety seconds (one hundred and twenty seconds within the 20–50 m band and two hundred and seventy seconds within the 50–100 m band). On the 6th of March at VP6, one was observed hunting for one thousand one hundred and forty seconds (four hundred and eighty seconds within the 20–50 m band and six hundred and sixty seconds within the 50–100 m band). On the 28th of November at VP14, one was observed flying for forty-six seconds (forty-six seconds within the 20–50 m height band).

All other observations were located outside the 500m turbine buffer. At VP2, seven observations were recorded. On the 25th of November, one was recorded hovering distantly for twenty seconds (twenty seconds within the 100–200 m height band). A later observation that day recorded one flying for five seconds (five seconds within the 0–20 m band) with notes indicating it was likely the same juvenile as earlier. On the 12th of December, one flew for sixty-five seconds (thirty seconds within the 20–50 m band and thirty-five seconds within the 50–100 m band) and perched intermittently. On the 25th of February, one was observed hovering and soaring for four hundred and eighty seconds (one hundred and eighty seconds within the 100–200 m band and three hundred seconds above two hundred m). On the 25th of November at an earlier VP2 session, one flew for twenty seconds above two hundred m. Another observation on the same date recorded one flying for five seconds (five seconds within the 0–20 m band). On the 12th of December, one flew for sixty-five seconds (thirty seconds within the 20–50 m band and thirty-five seconds within the 50–100 m band) with perched–flight–perched behaviour noted.

At VP4, eight observations were recorded. On the 25th of November, one kestrel flew for two hundred and one seconds (two hundred and one seconds within the 0–20 m band) while hunting and perching. A later observation at the same VP recorded one flying for three hundred and thirty-six seconds (seventy-seven seconds within the 20–50 m band and two hundred and fifty-nine seconds within the 50–100 m band) while hunting. On the 3rd of February, one kestrel hunted for six hundred and fifty seconds (fifty seconds within the 0–20 m band and six hundred seconds within the 20–50 m band). A subsequent observation on the same date recorded one flying for one thousand and fourteen seconds (four hundred and eighty-six seconds within the 0–20 m band and five hundred and twenty-eight seconds within the 20–50 m band) while hunting. On the 15th of February, one kestrel flew for two hundred and sixty seconds (two hundred and sixty seconds within the 0–20 m band) and was mobbed by two hooded crows. A later record on the same date documented one hunting for one hundred and fourteen seconds (one hundred and fourteen seconds within the 0–20 m band). On the 16th of March, one kestrel flew for one hundred and eighty-six seconds (one hundred and eighty-six seconds within the 0–20 m band). Another observation that day recorded one flying for three hundred and thirty-six seconds (seventy-seven seconds within the 20–50 m band and two hundred and fifty-nine seconds within the 50–100 m band).

At VP5, nine observations were recorded. On the 23rd of October, one kestrel flew for fifty-six seconds (fifty-six seconds within the 50–100 m band). Later the same date, one flew for one hundred and twenty-seven seconds (one hundred and twenty-seven seconds within the 50–100 m band). On the 23rd of January, two kestrels were recorded together for forty-five seconds (forty-five seconds within the 0–20 m band), with one eating. A later observation that day recorded one kestrel with prey for fifty-two seconds (fifty-two seconds within the 0–20 m band). On the 25th of November, one kestrel flew for three hundred and seventy-two seconds (three hundred and seventy-two seconds within the 50–100 m band). On the 6th of March, one kestrel flew for three hundred and ninety seconds (one hundred and twenty seconds within the 20–50 m band and two hundred and seventy seconds within the 50–100 m band) while hunting. Another record on the 6th of March documented one kestrel flying for three hundred and ninety seconds (one hundred and twenty seconds within the 20–50 m band and two hundred and seventy seconds within the 50–100 m band). On the 27th of February, one kestrel flew for forty seconds (forty seconds within the 20–50 m band). Another record that day captured one kestrel flying for three hundred and sixty-eight seconds (three hundred and sixty-eight seconds within the 50–100 m band).

At VP6, ten observations were recorded. On the 28th of October, one kestrel flew for three hundred seconds (three hundred seconds within the 50–100 m band) while hunting and perching. Later on the 28th of October, one flew for five hundred and sixteen seconds (eighty seconds within the 20–50 m band and four hundred and thirty-six seconds within the 50–100 m band). On the 22nd of November, one kestrel hunted for four thousand six hundred and eighty seconds (seven hundred and eighty seconds within the 20–50 m band and three thousand nine hundred seconds within the 50–100 m band). On the 5th of December, one kestrel flew for three hundred and seventy-two seconds (fifteen seconds within the 20–50 m band and three hundred and fifty-seven seconds within the 50–100 m band). A later observation the same day recorded one kestrel flying for two hundred and fifty-eight seconds (two hundred and fifty-eight seconds within the 50–100 m band). On the 24th of December, one kestrel flew for five hundred and four seconds (five hundred and four seconds within the 50–100 m band). On the 6th of March, one kestrel flew for one thousand one hundred and forty seconds (four hundred and eighty seconds within the 20–50 m band and six hundred and sixty seconds within the 50–100 m band). A second record on the same date showed one kestrel flying for one thousand one hundred and forty seconds (four hundred and eighty seconds within the 20–50 m band and six hundred and sixty seconds within the 50–100 m band). On the 5th of December, another kestrel flew for three hundred and seventy-two seconds (fifteen seconds within the 20–50 m band and three hundred and fifty-seven seconds within the 50–100 m band). A final record at VP6 documented one kestrel flying for one thousand one hundred and forty seconds.

At VP7, seven observations were recorded. On the 23rd of October, one kestrel flew for seventeen seconds (seventeen seconds within the 20–50 m band), with the notes indicating four juveniles in the area. On the 26th of October, one flew for fifteen seconds (fifteen seconds within the 20–50 m band). On the 4th of December, one kestrel flew for twenty-one seconds (twenty-one seconds within the 20–50 m band). On the 12th of November, one kestrel flew for nineteen seconds (nineteen seconds within the 20–50 m band). On the 11th of January, one kestrel flew for twenty-two seconds (twenty-two seconds within the 20–50 m band). On the 28th of February, one kestrel flew for twenty-six seconds (twenty-six seconds within the 20–50 m band). On the 7th of March, one kestrel flew for thirty-nine seconds (fourteen seconds within the 20–50 m band and twenty-five seconds within the 50–100 m band).

At VP8, ten observations were recorded. On the 23rd of October, one kestrel flew for thirty-four seconds (twenty-one seconds within the 0–20 m band and thirteen seconds within the 20–50 m band), followed by one flying for nineteen seconds (nineteen seconds within the 0–20 m band) and another flying for forty seconds (forty seconds within the 50–100 m band). On the 26th of October, one kestrel flew for twenty-five seconds (twenty-five seconds within the 20–50 m band). On the 4th of December, one kestrel flew for sixteen seconds (sixteen seconds within the 20–50 m band). On the 12th of November, one kestrel flew for thirty-nine seconds (thirty-nine seconds within the 0–20 m band). On the 16th of December, one kestrel flew for thirty-three seconds (three seconds within the 20–50 m band and thirty seconds within the 50–100 m band), followed later by one flying for twenty seconds (twenty seconds within the 20–50 m band). On the 6th of January, one kestrel flew for fifty-one seconds (six seconds within the 20–50 m band and forty-five seconds within the 50–100 m band), and later one flew for twenty seconds (twenty seconds within the 20–50 m band). On the 25th of February, one kestrel flew for thirty-nine seconds (thirty-nine seconds within the 50–100 m band). On the 28th of February, one kestrel flew for thirty-five seconds (thirty-five seconds within the 20–50 m band). On the 20th of March, one kestrel flew for twenty-one seconds (twenty-one seconds within the 20–50 m band), and a later observation recorded one kestrel flying for fifty-two seconds (fifty-two seconds within the 0–20 m band).

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At VP2, seventeen observations were recorded. On the 15th of April, one was observed flying for a total of one hundred and twenty-nine seconds (four seconds within the 0–20 m band and one hundred and twenty-five seconds within the 20–50 m band). On the 5th of May, one was recorded flying for two hundred and thirty-four seconds (two hundred and thirty-four seconds within the 50–100 m band). On the 1st of June, one was observed flying for ninety-six seconds (twenty-four seconds within the 20–50 m band and seventy-two seconds within the 50–100 m band). A later observation on the same date recorded one flying for two hundred and fifty-one seconds (one hundred and seventy-seven seconds within the 20–50 m band and seventy-four seconds within the 50–100 m band), with a buzzard recorded very high above two hundred m in the far distance. On the 6th of July, one kestrel flew for eleven seconds (eleven seconds within the 20–50 m band). On the 7th of July, one kestrel flew for two hundred and twenty-seven seconds (eighteen seconds within the 20–50 m band and two hundred and nine seconds within the 50–100 m band), followed by one flying for one hundred and forty-nine seconds (five seconds within the 20–50 m band and one hundred and forty-four seconds within the 50–100 m band). On the 4th of August, one kestrel flew for two hundred and eighty-six seconds (eighteen seconds within the 20–50 m band and two hundred and sixty-eight seconds within the 50–100 m band). On the 2nd of September, one kestrel flew for eight seconds (eight seconds within the 20–50 m band). Later that morning, one kestrel flew for three hundred and fifty-five seconds (seventeen seconds within the 20–50 m band and three hundred and thirty-eight seconds within the 50–100 m band), and the notes indicated a second juvenile briefly joined it during hunting. Later that day, one kestrel flew for eighty-seven seconds (three seconds within the 20–50 m band and eighty-four seconds within the 50–100 m band). Another record on the same date documented one kestrel flying for one hundred and sixty-five seconds (thirty-three seconds within the 20–50 m band and one hundred and thirty-two seconds within the 50–100 m band). On the 21st of April, one kestrel flew for four hundred and fifty seconds (four hundred and fifty seconds within the 50–100 m band), followed later by one flying for one hundred and ninety-five seconds (one hundred and ninety-five seconds within the 50–100 m band). On the 26th of April, one kestrel flew for twenty-two seconds (twenty-two seconds within the 50–100 m band).

At VP5, four observations were recorded. On the 4th of August, one kestrel flew for twenty-four seconds (twenty-four seconds within the 0–20 m band) while hunting. On the 22nd of September, one kestrel flew for one thousand nine hundred and fourteen seconds (one thousand and fifty-two seconds within the 50–100 m band and eight hundred and sixty-two seconds within the 100–200 m band) while hunting. On the 4th of August, another kestrel flew for twenty-four seconds (twenty-four seconds within the 20–50 m band). On the 22nd of September, one kestrel flew for one thousand nine hundred and fourteen seconds within the mid to upper bands.

At VP6, five observations were recorded. On the 22nd of May, one kestrel flew for thirty seconds (thirty seconds within the 50–100 m band). On the 10th of July, one kestrel hunted for one hundred and sixty-eight seconds (one hundred and sixty-eight seconds within the 50–100 m band). On the 21st of August, one kestrel was recorded without height-band allocation. On the 4th of September, one kestrel flew for fifty-two seconds (ten seconds within the 20–50 m band and forty-two seconds within the 50–100 m band). On the 4th of September, another kestrel flew for fifty-two seconds in similar height bands.

At VP14, three observations were recorded. On the 2nd of August, one kestrel flew for two hundred and eighty-four seconds (two hundred and twenty-four seconds within the 50–100 m band and sixty seconds within the 100–200 m band). On the 4th of September, one female kestrel hunted for three hundred and sixty-six seconds (three hundred and sixty-six seconds within the 50–100 m band). On the 18th of September, one kestrel flew for three hundred and ninety-one seconds (ten seconds within the 20–50 m band, three hundred and sixty-four seconds within the 50–100 m band and seventeen seconds within the 100–200 m band).

All other observations were located outside the 500m turbine buffer. VP8

At VP8, four observations were recorded. On the 19th of April, one kestrel was observed flying for thirty-two seconds, with thirty-two seconds within the 20–50 m band. On the 19th of April, one kestrel was observed flying for fourteen seconds within the 20–50 m band. On the 7th of May, one kestrel was observed flying for five hundred and five seconds, with five hundred and five seconds within the 20–50 m band while hunting. On the 16th of April, one kestrel was observed flying for two hundred and ninety-one seconds, with two hundred and ninety-one seconds within the 50–100 m band.

At VP7, four observations were recorded. On the 18th of April, one kestrel was observed flying for thirty-two seconds, including five seconds within the 20–50 m band and twenty-seven seconds within the 50–100 m band. On the 2nd of August, one kestrel was observed flying for fifty-three seconds, including forty seconds within the 20–50 m band and thirteen seconds within the 50–100 m band. On the 17th of August, two kestrels were observed flying for one hundred and seventeen seconds, including eighteen seconds within the 20–50 m band and ninety-nine seconds within the 50–100 m band. On the 25th of September, one kestrel was observed flying for eighteen seconds within the 20–50 m band.

At VP4, seven observations were recorded. On the 16th of April, one kestrel was observed flying for sixty-two seconds, with sixty-two seconds within the 0–20 m band. On the 3rd of April, one kestrel was observed flying for eighteen seconds within the 0–20 m band while soaring and displaying. On the 3rd of April, one kestrel was observed flying for two hundred and eighteen seconds, including twenty-three seconds within the 0–20 m band, one hundred and thirty-one seconds within the 20–50 m band, and sixty-four seconds within the 50–100 m band. On the 4th of August, one kestrel was observed flying for twenty-four seconds within the 0–20 m band. On the 4th of August, three kestrels were observed flying for nine hundred and twelve seconds, including eight hundred and twenty-seven seconds within the 0–20 m band and eighty-five seconds within the 20–50 m band; the birds were noted as two juveniles and one female. On the 17th of August, two kestrels were observed flying for one hundred and seventy-two seconds, including fifty seconds within the 20–50 m band and one hundred and twenty-two seconds within the 50–100 m band. On the 11th of September, one kestrel was observed flying for two hundred and sixty-two seconds, including ten seconds within the 20–50 m band and two hundred and fifty-two seconds within the 50–100 m band; the female kestrel was noted landing on electric wires.

At VP1, six observations were recorded. On the 7th of May, one kestrel was observed flying for thirty-nine seconds, including two seconds within the 0–20 m band and thirty-seven seconds within the 20–50 m band. On the 3rd of June, one kestrel was observed flying for twenty-eight seconds within the 20–50 m band. On the 20th of April, one kestrel was observed flying for three hundred and ninety-two seconds, including ninety-two seconds within the 20–50 m band, two hundred seconds within the 50–100 m band, and one hundred seconds within the 100–200 m band. On the 20th of April, one kestrel was observed flying for two hundred and forty-eight seconds within the 50–100 m band. On the 26th of April, one kestrel was observed flying for thirty seconds within the 0–20 m band. On the 26th of April, one kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band.

At VP6, three observations were recorded. On the 22nd of May, one kestrel was observed flying for thirty seconds within the 0–20 m band. On the 10th of July, one kestrel hunted for one hundred and sixty-eight seconds within the 50–100 m band. On the 21st of August, one kestrel was recorded without height-band allocation.

At VP14, five observations were recorded. On the 2nd of August, one kestrel was observed flying for two hundred and eighty-four seconds, including two hundred and twenty-four seconds within the 20–50 m band and sixty seconds within the 50–100 m band. On the 10th of August, one kestrel was observed flying for eighteen seconds within the 20–50 m band. On the 4th of September, one kestrel was observed flying for three hundred and sixty-six seconds within the 50–100 m band while hunting. On the 4th of September, one kestrel was observed flying for three hundred and ninety-one seconds, including ten seconds within the 20–50 m band, three hundred and sixty-four seconds within the 50–100 m band, and seventeen seconds within the 100–200 m band.

At VP5, two observations were recorded. On the 4th of August, one kestrel was observed flying for twenty-four seconds within the 20–50 m band while hunting. On the 22nd of September, one kestrel was observed flying for one thousand nine hundred and fourteen seconds, including one thousand and fifty-two seconds within the 50–100 m band and eight hundred and sixty-two seconds within the 100–200 m band, while hunting.

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At VP4 on the 3rd of April, one kestrel was observed flying for eighteen seconds, with eighteen seconds within the 0–20 m band while soaring and displaying. At VP4 on the 3rd of April, one kestrel was observed flying for two hundred and eighteen seconds, including twenty-three seconds within the 0–20 m band, one hundred and thirty-one seconds within the 20–50 m band, and sixty-four seconds within the 50–100 m band. At VP5 on the 5th of October, one kestrel was observed flying for two hundred and fifteen seconds within the 50–100 m band. At VP5 on the 5th of October, one kestrel was observed flying for sixty-four seconds within the 50–100 m band. At VP7 on the 16th of October, one female kestrel was observed flying for one hundred and seventy-two seconds within the 50–100 m band. At VP2 on the 10th of October, one kestrel was observed flying for twenty-one seconds within the 50–100 m band. At VP2 on the 10th of October, one kestrel was observed flying for forty-two seconds, including twenty-nine seconds within the 50–100 m band and thirteen seconds within the 100–200 m band. At VP2 on the 17th of October, one kestrel was observed flying for ninety-seven seconds, including twenty-six seconds within the 50–100 m band and seventy-one seconds within the 100–200 m band.

At VP5 on the 23rd of October, one kestrel was observed flying for ninety-five seconds within the 50–100 m band during a dawn watch, with a note that a traditional hen harrier roost was monitored but no hen harrier was seen. At VP2 on the 24th of October, one kestrel was observed flying for one hundred and forty-three seconds, including thirty-one seconds within the 50–100 m band and one hundred and twelve seconds within the 100–200 m band. At VP2 on the 30th of October, one kestrel was observed flying for one hundred and thirty-six seconds, including thirty-nine seconds within the 50–100 m band and ninety-seven seconds within the 100–200 m band. At VP14 on the 9th of October, one kestrel was observed flying for one hundred and seventy seconds within the 50–100 m band. At VP5 on the 13th of October, one male kestrel was observed flying for one hundred and fifty-two seconds, including nineteen seconds within the 20–50 m band and one hundred and thirty-three seconds within the 50–100 m band during a dusk watch of a traditional hen harrier roost, with no hen harriers sighted. At VP14 on the 23rd of October, one female kestrel was observed flying for twenty-three seconds, including four seconds within the 20–50 m band and nineteen seconds within the 50–100 m band. At VP14 on the 23rd of October, one female kestrel was observed flying for six hundred and forty-nine seconds, including twenty seconds within the 20–50 m band, five hundred and fifty-four seconds within the 50–100 m band, and seventy-five seconds within the 100–200 m band. At VP5 on the 2nd of November, one female kestrel was observed flying for two hundred and eighty seconds within the 50–100 m band while being mobbed by hooded crows.

At VP6 on the 30th of October, one female kestrel was observed flying for one thousand five hundred and sixty seconds, including six hundred seconds within the 20–50 m band and nine hundred and sixty seconds within the 50–100 m band. At VP14 on the 2nd of November, one kestrel was observed flying for two hundred and fifteen seconds within the 20–50 m band. At VP6 on the 20th of November, one kestrel was observed flying for two thousand nine hundred and forty seconds, including one thousand seven hundred seconds within the 20–50 m band and one thousand two hundred and forty seconds within the 50–100 m band while mobbing a buzzard. At VP7 on the 4th of December, one kestrel was observed flying for one hundred and eighty-four seconds within the 50–100 m band. At VP14 on the 21st of December, two kestrels were observed flying for one thousand one hundred and forty-seven seconds, including seven hundred and twenty seconds within the 20–50 m band and four hundred and twenty-seven seconds within the 50–100 m band. At VP2 on the 21st of December, one kestrel was observed flying for one hundred and twenty-six seconds within the 0–20 m band. At VP2 on the 27th of December, one kestrel was observed flying for one hundred and sixty-two seconds within the 50–100 m band. At VP2 on the 14th of December, one kestrel was observed flying for two hundred and five seconds within the 50–100 m band while hunting.

At VP2 on the 14th of December, one kestrel was observed flying for sixty-two seconds within the 50–100 m band while hunting. At VP2 on the 20th of January, one kestrel was observed flying for twenty-four seconds within the 50–100 m band. At VP2 on the 22nd of January, one kestrel was observed flying for fifty-five seconds within the 50–100 m band. At VP6 on the 28th of January, one kestrel was observed flying for seventy seconds within the 50–100 m band. At VP2 on the 11th of February, one kestrel was observed flying for one hundred and twenty-four seconds within the 50–100 m band. At VP2 on the 23rd of February, one kestrel was observed flying for seventy-six seconds within the 50–100 m band. At VP2 on the 1st of March, one kestrel was observed flying for seventeen seconds within the 50–100 m band. At VP2 on the 1st of March, one kestrel was observed flying for sixty-two seconds within the 50–100 m band. At VP2 on the 16th of March, one male kestrel was observed flying for three hundred and ninety-five seconds within the 50–100 m band while hunting. At VP2 on the 16th of March, one male kestrel was observed flying for ninety-three seconds within the 50–100 m band while hunting. At VP2 on the 16th of March, one kestrel was observed flying for three hundred and fifty-four seconds within the 50–100 m band. At VP2 on the 16th of March, one kestrel was observed flying for two hundred and four seconds within the 50–100 m band. At VP2 on the 16th of March, one female kestrel was observed flying for one hundred and seventy-seven seconds within the 50–100 m band. At VP2 on the 16th of March, one male kestrel was observed flying for thirty-three seconds within the 50–100 m band. At VP2 on the 16th of March, one male kestrel was observed flying for one hundred and eighty-two seconds within the 50–100 m band. At VP2 on the 16th of March, one male kestrel was observed flying for one hundred and forty-four seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer.

At VP1, three observations were recorded. On the 16th of October, one kestrel was observed flying for twenty-eight seconds, including twenty-two seconds within the 20–50 m band and six seconds within the 50–100 m band. On the 16th of October, one kestrel was observed flying for twenty-one seconds within the 20–50 m band. On the 30th of October, one kestrel was observed flying for forty-seven seconds, including thirty-one seconds within the 20–50 m band and sixteen seconds within the 50–100 m band.

At VP2, eleven observations were recorded. On the 17th of October, one kestrel was observed flying for seventy-six seconds, including fourteen seconds within the 20–50 m band and sixty-two seconds within the 50–100 m band. On the 30th of October, one kestrel was observed flying for fifty-three seconds, including forty-one seconds within the 20–50 m band and twelve seconds within the 50–100 m band. On the 30th of October, one kestrel was observed flying for one hundred and thirty-six seconds, including thirty-nine seconds within the 20–50 m band and ninety-seven seconds within the 50–100 m band. On the 10th of October, one kestrel was observed flying for sixty-six seconds, including eleven seconds within the 20–50 m band and fifty-five seconds within the 50–100 m band. On the 10th of October, one kestrel was observed flying for twenty-one seconds within the 20–50 m band. On the 10th of October, two kestrels were observed flying for six seconds within the 20–50 m band. On the 10th of October, one kestrel was observed flying for forty-two seconds, including twenty-nine seconds within the 50–100 m band and thirteen seconds within the 100–200 m band. On the 24th of October, one kestrel was observed flying for one hundred and forty-three seconds, including thirty-one seconds within the 50–100 m band and one hundred and twelve seconds within the 100–200 m band. On the 24th of October, two kestrels were observed flying for fifty-six seconds, including twelve seconds within the 20–50 m band and forty-four seconds within the 50–100 m band. On the 24th of October, one kestrel was observed flying for sixty-six seconds, including twelve seconds within the 20–50 m band and fifty-four seconds within the 50–100 m band. On the 23rd of February, one kestrel was observed flying for thirty-five seconds within the 50–100 m band.

At VP4, three observations were recorded. On the 2nd of October, one kestrel was observed flying for sixty seconds within the 20–50 m band. On the 2nd of October, one female kestrel was observed flying for four hundred and fifty-six seconds, including forty-one seconds within the 20–50 m band, two hundred and fifty-nine seconds within the 50–100 m band, and one hundred and fifty-six seconds within the 100–200 m band while being mobbed by two hooded crows. On the 13th of October, one male kestrel was observed flying for eighty-four seconds within the 0–20 m band while lying low, landing in bushes, and being mobbed by hooded crows.

At VP5, three observations were recorded. On the 5th of October, one kestrel was observed flying for two hundred and fifteen seconds within the 50–100 m band. On the 5th of October, one kestrel was observed flying for sixty-four seconds within the 50–100 m band. On the 13th of October, one male kestrel was observed flying for one hundred and fifty-two seconds, including nineteen seconds within the 20–50 m band and one hundred and thirty-three seconds within the 50–100 m band during a dusk watch of a traditional hen harrier roost, with no hen harriers sighted.

At VP6, four observations were recorded. On the 30th of October, one female kestrel was observed flying for one thousand five hundred and sixty seconds, including six hundred seconds within the 20–50 m band and nine hundred and sixty seconds within the 50–100 m band. On the 20th of November, one kestrel was observed flying for two thousand nine hundred and forty seconds, including one thousand seven hundred seconds within the 20–50 m band and one thousand two hundred and forty seconds within the 50–100 m band while mobbing a buzzard. On the 28th of January, one kestrel was observed flying for seventy seconds within the 50–100 m band. On the 25th of February, one kestrel was observed flying for three hundred and eighteen seconds, including eighteen seconds within the 20–50 m band and three hundred seconds within the 50–100 m band.

At VP7, three observations were recorded. On the 16th of October, one female kestrel was observed flying for two hundred and eleven seconds within the 50–100 m band. On the 16th of October, one female kestrel was observed flying for one hundred and seventy-two seconds within the 50–100 m band. On the 4th of December, one kestrel was observed flying for one hundred and eighty-four seconds within the 50–100 m band.

At VP8, three observations were recorded. On the 9th of October, one male kestrel was observed flying for thirty-eight seconds within the 20–50 m band. On the 23rd of October, one kestrel was observed flying for four hundred and twenty-one seconds, including one hundred and twenty seconds within the 20–50 m band and three hundred and one seconds within the 50–100 m band during a dusk watch. On the 25th of February, one kestrel was observed flying for three hundred and eighteen seconds, including eighteen seconds within the 20–50 m band and three hundred seconds within the 50–100 m band.

At VP14, five observations were recorded. On the 9th of October, one kestrel was observed flying for one hundred and seventy seconds within the 50–100 m band. On the 23rd of October, one female kestrel was observed flying for twenty-three seconds, including four seconds within the 20–50 m band and nineteen seconds within the 50–100 m band. On the 23rd of October, one female kestrel was observed flying for six hundred and forty-nine seconds, including twenty seconds within the 20–50 m band, five hundred and fifty-four seconds within the 50–100 m band, and seventy-five seconds within the 100–200 m band. On the 2nd of November, one kestrel was observed flying for two hundred and eighty seconds within the 50–100 m band while being mobbed by hooded crows. On the 21st of December, two kestrels were observed flying for one thousand one hundred and forty-seven seconds, including seven hundred and twenty seconds within the 20–50 m band and four hundred and twenty-seven seconds within the 50–100 m band.

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Kestrel were observed 34 times within the 500m turbine buffer. At VP2 on the 9th of April, one kestrel was observed flying for sixty-seven seconds within the 50–100 m band. At VP6 on the 21st of May, one male kestrel was observed flying for ninety-one seconds within the 50–100 m band while hunting. At VP6 on the 12th of June, two kestrels were observed flying for thirty-one seconds, including eleven seconds within the 20–50 m band and twenty seconds within the 50–100 m band. At VP6 on the 12th of June, one male kestrel was observed flying for two hundred and sixty-two seconds, including one hundred and thirty-six seconds within the 50–100 m band and one hundred and twenty-six seconds within the 100–200 m band. At VP5 on the 14th of June, one kestrel was observed flying for twenty-four seconds within the 100–200 m band, with a note that four kestrels were present on site. At VP2 on the 15th of June, one kestrel was observed flying for sixty-three seconds within the 20–50 m band. At VP2 on the 15th of June, one kestrel was observed flying for three hundred and forty-four seconds within the 100–200 m band. At VP2 on the 27th of June, one kestrel was observed flying for one hundred and ten seconds within the 100–200 m band.

At VP14 on the 30th of July, three kestrels were observed flying for five thousand four hundred and twenty seconds, including three thousand nine hundred and seventy seconds within the 20–50 m band and one thousand four hundred and fifty seconds within the 50–100 m band; one male and two immature birds were noted perching on turf banks. At VP5 on the 16th of July, one kestrel was observed flying for three hundred and thirty-four seconds, including thirty-seven seconds within the 20–50 m band, sixty-seven seconds within the 50–100 m band, two hundred and ten seconds within the 100–200 m band, and twenty seconds within the over-200 m band. At VP2 on the 9th of August, one kestrel was observed flying for twenty-eight seconds, including eight seconds within the 20–50 m band and twenty seconds within the 50–100 m band. At VP2 on the 9th of August, one kestrel was observed flying for fifty-eight seconds within the 50–100 m band. At VP2 on the 9th of August, two kestrels were observed flying for one hundred and twenty-six seconds within the 50–100 m band. At VP2 on the 9th of August, three kestrels were observed flying for sixty-six seconds within the 50–100 m band. At VP2 on the 24th of August, one kestrel was observed flying for one hundred and thirteen seconds within the 50–100 m band. At VP2 on the 24th of August, one kestrel was observed flying for one hundred and seventy seconds within the 50–100 m band.

At VP2 on the 24th of August, one kestrel was observed flying for five hundred seconds, including thirty seconds within the 20–50 m band and four hundred and seventy seconds within the 50–100 m band. At VP2 on the 24th of August, one kestrel was observed flying for one hundred and nine seconds within the 20–50 m band. At VP2 on the 24th of August, two kestrels were observed flying for one hundred and forty-one seconds within the 20–50 m band. At VP6 on the 20th of August, two female kestrels were observed flying for eight hundred and eighty-five seconds, including two hundred and fifty seconds within the 20–50 m band and six hundred and thirty-five seconds within the 50–100 m band; a juvenile kestrel was noted hunting dragonflies and perching on a power line. At VP14 on the 20th of August, two kestrels were observed flying for seven hundred and eight seconds, including two hundred and ninety seconds within the 20–50 m band, three hundred and sixty-eight seconds within the 50–100 m band, and fifty seconds within the 100–200 m band. At VP14 on the 15th of August, one kestrel was observed flying for one hundred and thirty-two seconds within the 100–200 m band. At VP14 on the 15th of August, one kestrel was observed flying for three hundred and ten seconds, including one hundred and fifty seconds within the 50–100 m band and one hundred and sixty seconds within the 100–200 m band.

At VP2 on the 9th of September, one kestrel was observed flying for two hundred and forty-three seconds within the 50–100 m band. At VP2 on the 9th of September, one kestrel was observed flying for three hundred and sixty-two seconds within the 50–100 m band. At VP2 on the 9th of September, one kestrel was observed flying for three hundred and nine seconds, including nine seconds within the 20–50 m band and three hundred seconds within the 50–100 m band. At VP2 on the 9th of September, one kestrel was observed flying for three hundred and fifteen seconds within the 20–50 m band. At VP2 on the 21st of September, one kestrel was observed flying for eight hundred and forty seconds within the 50–100 m band. At VP2 on the 21st of September, one kestrel was observed flying for sixty-five seconds within the 20–50 m band. At VP2 on the 21st of September, one kestrel was observed flying for two hundred and seventy-five seconds within the 50–100 m band. At VP14 on the 29th of August, twenty-five kestrels were observed flying for seventy-eight seconds within the 20–50 m band. At VP5 on the 28th of August, one kestrel was observed flying for one hundred and seventy-six seconds within the 50–100 m band. At VP5 on the 28th of August, one juvenile kestrel was observed flying for three hundred and eighteen seconds, including sixty-eight seconds within the 50–100 m band, two hundred and twelve seconds within the 100–200 m band, and thirty-eight seconds within the 200–220 m band. At VP2 on the 14th of July, one kestrel was observed flying for thirty-three seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer.

At VP8, three observations were recorded. On the 26th of March, one kestrel was observed flying for one hundred and forty-one seconds within the 20–50 m band. On the 14th of May, one male kestrel was observed flying for fifty-eight seconds within the 20–50 m band while hunting. On the 21st of May, one male kestrel was observed flying for two hundred and twenty-two seconds, including twenty seconds within the 0–20 m band and two hundred and two seconds within the 20–50 m band while hunting.

At VP2, seven observations were recorded. On the 9th of April, one kestrel was observed flying for forty-one seconds within the 20–50 m band. On the 16th of April, one kestrel was observed flying for eighty-four seconds within the 20–50 m band. On the 16th of April, one kestrel was observed flying for one hundred and twenty-one seconds within the 20–50 m band. On the 16th of April, one kestrel was observed flying for fifty-one seconds within the 20–50 m band. On the 19th of May, one kestrel was observed flying for twenty-six seconds within the 20–50 m band. On the 27th of June, one kestrel was observed flying for twenty-three seconds within the 20–50 m band. On the 9th of August, one kestrel was observed flying for one hundred and forty-six seconds within the 50–100 m band.

At VP4, five observations were recorded. On the 8th of May, one kestrel was observed flying for twelve seconds within the 0–20 m band. On the 8th of May, two female kestrels were observed flying for four hundred and seventy-seven seconds, including twelve seconds within the 0–20 m band, twenty-seven seconds within the 20–50 m band, forty-five seconds within the 50–100 m band, one hundred and sixty-five seconds within the 100–200 m band, and two hundred and twenty-eight seconds above two hundred m while soaring together in close association. On the 6th of July, one kestrel was observed flying for one hundred and seventy-two seconds within the 50–100 m band. On the 6th of July, one female kestrel was observed flying for seventy-eight seconds, including thirty-seven seconds within the 20–50 m band and forty-one seconds within the 50–100 m band. On the 6th of July, one kestrel was observed flying for one hundred and three seconds, including four seconds within the 20–50 m band and ninety-nine seconds within the 50–100 m band.

At VP5, three observations were recorded. On the 14th of June, one kestrel was observed flying for twenty-four seconds within the 50–100 m band, with a note that four kestrels were present on site. On the 28th of August, one kestrel was observed flying for one hundred and seventy-six seconds within the 50–100 m band. On the 28th of August, one juvenile kestrel was observed flying for three hundred and eighteen seconds, including sixty-eight seconds within the 50–100 m band, two hundred and twelve seconds within the 100–200 m band, and thirty-eight seconds above two hundred m.

At VP6, five observations were recorded. On the 21st of May, one male kestrel was observed flying for ninety-one seconds within the 50–100 m band while hunting. On the 12th of June, two kestrels were observed flying for thirty-one seconds, including eleven seconds within the 20–50 m band and twenty seconds within the 50–100 m band. On the 12th of June, one male kestrel was observed flying for two hundred and sixty-two seconds, including one hundred and thirty-six seconds within the 50–100 m band and one hundred and twenty-six seconds within the 100–200 m band. On the 25th of June, one kestrel was observed flying for one hundred and sixty-three seconds, including forty-nine seconds within the 0–20 m band, nineteen seconds within the 20–50 m band, and ninety-five seconds within the 50–100 m band. On the 20th of August, two kestrels were observed flying for eight hundred and eighty-five seconds, including two hundred and fifty seconds within the 20–50 m band and six hundred and thirty-five seconds within the 50–100 m band; a juvenile kestrel was noted hunting dragonflies and perching on a power line.

At VP7, two observations were recorded. On the 13th of September, one kestrel was observed flying for two hundred and sixty seconds within the 50–100 m band. On the 25th of August, one female kestrel was observed flying for eighty seconds, including fifty-five seconds within the 0–20 m band and twenty-five seconds within the 20–50 m band while hunting.

At VP8, one kestrel was observed flying for thirty-six seconds on the 25th of August, with thirty-six seconds within the 0–20 m band.

At VP14, five observations were recorded. On the 30th of July, three kestrels were observed flying for five thousand four hundred and twenty seconds, including three thousand nine hundred and seventy seconds within the 20–50 m band and one thousand four hundred and fifty seconds within the 50–100 m band; one male and two immature kestrels were noted perching on turf banks. On the 20th of August, two kestrels were observed flying for seven hundred and eight seconds, including two hundred and ninety seconds within the 20–50 m band, three hundred and sixty-eight seconds within the 50–100 m band, and fifty seconds within the 100–200 m band. On the 15th of August, one kestrel was observed flying for one hundred and thirty-two seconds within the 50–100 m band. On the 15th of August, one kestrel was observed flying for three hundred and ten seconds, including one hundred and fifty seconds within the 50–100 m band and one hundred and sixty seconds within the 100–200 m band. On the 29th of August, twenty-five kestrels were observed flying for seventy-eight seconds within the 20–50 m band.

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At VP6 on the 1st of October, one kestrel was observed flying for two thousand three hundred and five seconds, including eighty seconds within the 20–50 m band, two thousand and forty seconds within the 50–100 m band, and one hundred and eighty-five seconds within the 100–200 m band while being mobbed by a sparrowhawk. At VP2 on the 3rd of October, one kestrel was observed flying for one thousand one hundred and eighty seconds, including one hundred and eighty seconds within the 20–50 m band and one thousand seconds within the 50–100 m band. At VP2 on the 3rd of October, one kestrel was observed flying for one hundred and seventy-four seconds within the 20–50 m band. At VP7 on the 11th of October, one kestrel was observed flying for two hundred and fifty-eight seconds within the 20–50 m band. At VP14 on the 11th of October, one kestrel was observed flying for two hundred and sixty-eight seconds, including thirty-five seconds within the 20–50 m band and two hundred and thirty-three seconds within the 50–100 m band.

At VP2 on the 13th of October, one kestrel was observed flying for three hundred and seventy-one seconds within the 50–100 m band. At VP2 on the 13th of October, one kestrel was observed flying for four hundred and thirty-seven seconds within the 50–100 m band. At VP6 on the 22nd of October, one male kestrel was observed flying for three hundred and ninety-five seconds, including seventy seconds within the 20–50 m band and three hundred and twenty-five seconds within the 50–100 m band while hunting. At VP6 on the 22nd of October, one male kestrel was observed flying for ninety-three seconds within the 50–100 m band. At VP5 on the 20th of October, one kestrel was observed flying for one hundred and eighty-one seconds within the 50–100 m band. At VP5 on the 26th of October, one male kestrel was observed flying for one hundred and ninety-three seconds within the 50–100 m band. At VP14 on the 20th of October, one kestrel was observed flying for sixty-five seconds within the 50–100 m band. At VP14 on the 26th of October, one female kestrel was observed flying for three hundred and forty-five seconds, including ten seconds within the 20–50 m band, three hundred and fifteen seconds within the 50–100 m band, and twenty seconds within the 100–200 m band. At VP5 on the 6th of October, one kestrel was observed flying for fifty-seven seconds within the 50–100 m band. At VP5 on the 24th of October, one male kestrel was observed flying for seventy-six seconds, including forty-five seconds within the 20–50 m band and thirty-one seconds within the 50–100 m band. At VP2 on the 18th of October, one kestrel was observed flying for eighty-eight seconds within the 50–100 m band. At VP2 on the 16th of November, one kestrel was observed flying for forty-eight seconds within the 50–100 m band while hunting. At VP2 on the 27th of November, one kestrel was observed flying for sixty-nine seconds within the 20–50 m band. At VP5 on the 8th of November, one kestrel was observed flying for six hundred and fifty-one seconds, including fifty seconds within the 20–50 m band and six hundred and one seconds within the 50–100 m band. At VP6 on the 12th of November, two kestrels were observed flying for one hundred and ninety-two seconds within the 50–100 m band. At VP6 on the 15th of November, one kestrel was observed flying for one hundred and sixty-eight seconds, including twenty-three seconds within the 20–50 m band and one hundred and forty-five seconds within the 50–100 m band. At VP14 on the 12th of November, one kestrel was observed flying without height-band allocation. At VP2 on the 4th of December, one female kestrel was observed flying for one hundred and ninety-six seconds within the 50–100 m band. At VP5 on the 6th of December, one kestrel was observed flying for thirty-one seconds within the 20–50 m band. At VP6 on the 9th of December, two male kestrels were observed flying for three hundred and ninety seconds, including sixty-five seconds within the 20–50 m band and three hundred and twenty-five seconds within the 50–100 m band. At VP2 on the 9th of January, one kestrel was observed flying for twenty-two seconds within the 20–50 m band. At VP2 on the 9th of January, one kestrel was observed flying for thirty-six seconds within the 50–100 m band. At VP5 on the 2nd of January, one kestrel was observed flying for one hundred and twenty-four seconds within the 50–100 m band. At VP14 on the 7th of January, one female kestrel was observed flying for two hundred and sixty-five seconds within the 50–100 m band. At VP2 on the 4th of February, one kestrel was observed flying for thirty-four seconds within the 50–100 m band. At VP5 on the 5th of February, one male kestrel was observed flying for one hundred and ninety seconds within the 50–100 m band. At VP2 on the 22nd of March, one female kestrel was observed flying for twelve seconds within the 20–50 m band. At VP6 on the 4th of March, one male kestrel was observed flying for seven hundred and forty-four seconds within the 50–100 m band. At VP14 on the 4th of March, one kestrel was observed flying for twenty-eight seconds within the 50–100 m band. At VP14 on the 8th of March, one male kestrel was observed flying for ninety-six seconds within the 50–100 m band while being mobbed by two hooded crows.

All other observations were located outside the turbine buffer.

At VP2, eight observations were recorded. On the 5th of November, one kestrel was observed flying for twenty-eight seconds within the 20–50 m band. On the 5th of November, one kestrel was observed flying for thirty-six seconds within the 20–50 m band. On the 16th of November, one kestrel was observed flying for ninety-two seconds within the 50–100 m band while soaring. On the 27th of November, one kestrel was observed flying for thirty-six seconds within the 20–50 m band. On the 27th of November, one kestrel was observed flying for sixty-nine seconds within the 20–50 m band. On the 4th of December, one kestrel was observed flying for fifty-eight seconds within the 20–50 m band. On the 4th of February, one kestrel was observed flying for thirty-four seconds within the 20–50 m band. On the 4th of February, one kestrel was observed flying for twenty-six seconds within the 20–50 m band.

At VP4, six observations were recorded. On the 6th of October, one female kestrel was observed flying for two hundred and sixty-nine seconds, including seventy-nine seconds within the 0–20 m band and one hundred and ninety seconds within the 20–50 m band, while hunting and later perching on a post. On the 6th of October, one kestrel was observed flying for six thousand nine hundred and eighty seconds, including five thousand six hundred seconds within the 0–20 m band and one thousand three hundred and eighty seconds within the 20–50 m band; the kestrel remained present for most of the watch, hunting or perching on a pole. On the 8th of November, one kestrel was observed flying for one hundred and thirty-five seconds, including thirty-five seconds within the 0–20 m band and one hundred seconds within the 20–50 m band. On the 8th of November, one kestrel was observed flying for seven hundred and thirty-eight seconds, including twenty-seven seconds within the 0–20 m band and seven hundred and eleven seconds within the 20–50 m band. On the 17th of November, one kestrel was observed flying for one thousand and forty-seven seconds, including sixty-five seconds within the 0–20 m band and nine hundred and eighty-two seconds within the 20–50 m band. On the 2nd of February, one kestrel was observed flying for one hundred seconds, including fifty seconds within the 0–20 m band and fifty seconds within the 20–50 m band while mobbing a hen harrier.

At VP5, six observations were recorded. On the 6th of October, one kestrel was observed flying for fifty-seven seconds within the 20–50 m band. On the 24th of October, one male kestrel was observed flying for seventy-six seconds, including forty-five seconds within the 0–20 m band and thirty-one seconds within the 20–50 m band. On the 8th of November, one kestrel was observed flying for six hundred and fifty-one seconds, including fifty seconds within the 0–20 m band and six hundred and one seconds within the 20–50 m band. On the 26th of October, one male kestrel was observed flying for one hundred and ninety-three seconds within the 20–50 m band. On the 6th of December, one kestrel was observed flying for thirty-one seconds within the 0–20 m band. On the 5th of February, one male kestrel was observed flying for one hundred and ninety seconds within the 20–50 m band.

At VP6, six observations were recorded. On the 1st of October, one kestrel was observed flying for two thousand three hundred and five seconds, including eighty seconds within the 0–20 m band, two thousand and forty seconds within the 20–50 m band, and one hundred and eighty-five seconds within the 50–100 m band while being mobbed by a sparrowhawk. On the 22nd of October, one male kestrel was observed flying for three hundred and ninety-five seconds, including seventy seconds within the 0–20 m band and three hundred and twenty-five seconds within the 20–50 m band while hunting. On the 22nd of October, one male kestrel was observed flying for ninety-three seconds within the 20–50 m band. On the 12th of November, two kestrels were observed flying for one hundred and ninety-two seconds within the 20–50 m band. On the 15th of November, one kestrel was observed flying for one hundred and sixty-eight seconds, including twenty-three seconds within the 0–20 m band and one hundred and forty-five seconds within the 20–50 m band. On the 4th of March, one male kestrel was observed flying for seven hundred and forty-four seconds within the 20–50 m band.

At VP7, six observations were recorded. On the 11th of October, one kestrel was observed flying for two hundred and thirty-five seconds within the 20–50 m band. On the 11th of October, one kestrel was observed flying for two hundred and fifty-eight seconds within the 0–20 m band. On the 29th of October, one male kestrel was observed flying for four thousand three hundred and twenty seconds, including one hundred and ninety-five seconds within the 0–20 m band and four thousand one hundred and twenty-five seconds within the 20–50 m band. On the 29th of October, one female kestrel was observed flying for sixty-five seconds within the 20–50 m band. On the 11th of December, one male kestrel was observed flying for one hundred and eight seconds within the 20–50 m band while hunting. On the 13th of September, one kestrel was observed flying for two hundred and sixty seconds within the 20–50 m band.

At VP8, four observations were recorded. On the 5th of November, one male kestrel was observed flying for seventy-one seconds within the 20–50 m band. On the 5th of November, one male kestrel was observed flying for one hundred and forty seconds, including fifteen seconds within the 0–20 m band and one hundred and twenty-five seconds within the 20–50 m band. On the 14th of January, one kestrel was observed flying for fifteen seconds, including five seconds within the 0–20 m band and ten seconds within the 20–50 m band. On the 20th of February, one male kestrel was observed flying for twenty-three seconds within the 20–50 m band.

At VP14, seven observations were recorded. On the 20th of October, one kestrel was observed flying for sixty-five seconds within the 20–50 m band. On the 26th of October, one female kestrel was observed flying for three hundred and forty-five seconds, including ten seconds within the 0–20 m band, three hundred and fifteen seconds within the 20–50 m band, and twenty seconds within the 50–100 m band. On the 11th of October, one kestrel was observed flying for two hundred and sixty-eight seconds, including thirty-five seconds within the 0–20 m band and two hundred and thirty-three seconds within the 20–50 m band. On the 12th of November, one kestrel was recorded without height-band information. On the 7th of January, one female kestrel was observed flying for two hundred and sixty-five seconds within the 20–50 m band. On the 4th of March, one kestrel was observed flying for twenty-eight seconds within the 20–50 m band. On the 8th of March, one male kestrel was observed flying for ninety-six seconds within the 20–50 m band while being mobbed by two hooded crows.

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At VP6 on the 25th of March, one kestrel was observed flying for one hundred and twenty-nine seconds within the 50–100 m band. At VP5 on the 30th of March, one female kestrel was observed flying for five hundred and seventy-four seconds within the 50–100 m band. At VP2 on the 13th of April, one kestrel was observed flying for one hundred and ninety-four seconds within the 50–100 m band. At VP2 on the 13th of April, one kestrel was observed flying for four hundred and twenty seconds within the 100–200 m band while displaying. At VP2 on the 13th of April, two kestrels were observed flying for forty-six seconds within the 50–100 m band.

At VP14 on the 29th of April, one male kestrel was observed flying for two hundred and seventy-one seconds, including ninety-six seconds within the 50–100 m band and one hundred and seventy-five seconds within the 100–200 m band while mobbing a buzzard. At VP6 on the 13th of May, one kestrel was observed flying for two hundred and eighty-eight seconds within the 50–100 m band. At VP2 on the 22nd of June, two kestrels were observed flying for thirty-five seconds within the 50–100 m band. At VP6 on the 24th of June, one kestrel was observed flying for one hundred and sixty-seven seconds within the 50–100 m band.

At VP5 on the 4th of June, one female kestrel was observed flying for two hundred and twenty-three seconds, including twenty-four seconds within the 20–50 m band and one hundred and ninety-nine seconds within the 50–100 m band while hunting. At VP5 on the 4th of June, one female kestrel was observed flying for thirty-eight seconds within the 50–100 m band while hunting. At VP5 on the 4th of June, one kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band. At VP2 on the 30th of June, one kestrel was observed flying for six hundred and twenty-five seconds within the 50–100 m band.

At VP2 on the 30th of June, two kestrels were observed flying for ninety-four seconds within the 50–100 m band. At VP2 on the 25th of July, one female kestrel was observed flying for three hundred and twenty seconds within the 100–200 m band. At VP2 on the 25th of July, one female kestrel was observed flying for forty-six seconds within the 20–50 m band. At VP2 on the 12th of July, one kestrel was observed flying for four hundred and eighty-two seconds within the 50–100 m band while hunting. At VP2 on the 12th of July, two kestrels were observed flying for one hundred and thirty-eight seconds within the 50–100 m band.

At VP5 on the 9th of July, one male kestrel was observed flying for three hundred and four seconds, including fifteen seconds within the 20–50 m band and two hundred and eighty-nine seconds within the 50–100 m band. At VP6 on the 9th of July, two kestrels, a male and a juvenile, were observed flying for three hundred and twenty-two seconds, including thirteen seconds within the 20–50 m band and three hundred and nine seconds within the 50–100 m band.

At VP6 on the 9th of July, two kestrels, a male and a juvenile, were observed flying for five hundred and thirty-seven seconds, including forty-one seconds within the 20–50 m band and four hundred and ninety-six seconds within the 50–100 m band. At VP6 on the 9th of July, three kestrels, a male and two juveniles, were observed flying for six hundred and thirty-four seconds, including ten seconds within the 20–50 m band, four hundred and nineteen seconds within the 50–100 m band, and two hundred and five seconds within the 100–200 m band.

At VP6 on the 9th of July, one male kestrel was observed flying for two hundred and fifty-two seconds, including fifty-eight seconds within the 20–50 m band and one hundred and ninety-four seconds within the 50–100 m band. At VP14 on the 9th of July, two juvenile kestrels were observed flying for one hundred and seven seconds within the 50–100 m band. At VP5 on the 29th of July, one kestrel was observed flying for ninety-one seconds within the 50–100 m band.

At VP6 on the 29th of July, one female kestrel and one juvenile were observed flying for two hundred and eighteen seconds within the 50–100 m band. At VP6 on the 29th of July, one female kestrel and one juvenile were observed flying for forty-seven seconds within the 50–100 m band. At VP6 on the 29th of July, one male kestrel was observed flying for four hundred and sixteen seconds, including twenty-six seconds within the 20–50 m band and three hundred and ninety seconds within the 50–100 m band. At VP14 on the 29th of July, one kestrel was observed flying for one hundred and ninety-eight seconds, including ninety-nine seconds within the 20–50 m band and ninety-nine seconds within the 50–100 m band. At VP2 on the 15th of August, one kestrel was observed flying for sixty-six seconds within the 50–100 m band. At VP5 on the 4th of August, one female kestrel was observed flying for sixty-one seconds within the 50–100 m band. At VP5 on the 4th of August, one kestrel was observed flying for two hundred seconds within the 50–100 m band. At VP14 on the 9th of August, one kestrel was observed flying for three hundred and seventy-six seconds, including twenty-five seconds within the 20–50 m band and three hundred and fifty-one seconds within the 50–100 m band. At VP2 on the 5th of September, one kestrel was observed flying for one hundred and sixty-eight seconds within the 50–100 m band. At VP14 on the 24th of June, one kestrel was observed flying for five hundred and twenty-nine seconds, including seventy seconds within the 20–50 m band and four hundred and fifty-nine seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer.

At VP1, four observations were recorded. On the 28th of March, one kestrel was observed flying for thirteen seconds within the 0–20 m band. On the 28th of March, one kestrel was observed flying for twenty-seven seconds within the 0–20 m band. On the 6th of April, one kestrel was observed flying for forty-three seconds within the 20–50 m band. On the 22nd of June, one kestrel was observed flying for fifty-three seconds within the 20–50 m band.

At VP2, twenty-four observations were recorded. On the 3rd of April, one kestrel was observed flying for twenty-one seconds within the 0–20 m band. On the 13th of April, one kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band. On the 13th of April, one kestrel was observed flying for one hundred and ninety-four seconds within the 50–100 m band. On the 13th of April, one kestrel was observed flying for four hundred and twenty seconds within the 100–200 m band while displaying. On the 13th of April, two kestrels were observed flying for forty-six seconds within the 50–100 m band. On the 5th of May, one kestrel was observed flying for one hundred and forty seconds within the 20–50 m band. On the 24th of May, one kestrel was observed flying for forty seconds within the 0–20 m band. On the 22nd of June, two kestrels were observed flying for thirty-five seconds within the 20–50 m band. On the 30th of June, one kestrel was observed flying for six hundred and twenty-five seconds within the 50–100 m band. On the 30th of June, two kestrels were observed flying for ninety-four seconds within the 50–100 m band. On the 12th of July, one kestrel was observed flying for four hundred and eighty-two seconds within the 50–100 m band while hunting. On the 12th of July, two kestrels were observed flying for one hundred and thirty-eight seconds within the 50–100 m band. On the 25th of July, one female kestrel was observed flying for three hundred and twenty seconds within the 100–200 m band. On the 25th of July, one female kestrel was observed flying for forty-six seconds within the 20–50 m band. On the 15th of August, one kestrel was observed flying for sixty-six seconds within the 50–100 m band. On the 15th of August, one kestrel was observed flying for two hundred and forty-two seconds within the 50–100 m band while hunting. On the 30th of August, one kestrel was observed flying for ninety-three seconds within the 50–100 m band. On the 5th of September, one kestrel was observed flying for one hundred and sixty-eight seconds within the 50–100 m band. On the 5th of September, one kestrel was observed flying for twenty-three seconds within the 20–50 m band. On the 12th of September, one kestrel was observed flying for sixty-seven seconds within the 50–100 m band.

At VP4, ten observations were recorded. On the 21st of March, one female kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band. On the 1st of May, one kestrel was observed flying for one hundred and twelve seconds, including eighty seconds within the 50–100 m band and thirty-two seconds within the 100–200 m band. On the 5th of July, one juvenile kestrel was observed flying for thirty-six seconds within the 0–20 m band. On the 5th of July, one juvenile kestrel was observed flying for seventeen seconds within the 0–20 m band. On the 5th of July, one juvenile kestrel was observed flying for one hundred and twenty-nine seconds, including twenty-three seconds within the 0–20 m band and one hundred and six seconds within the 20–50 m band, with another juvenile kestrel perched close by. On the 5th of July, two juvenile kestrels were observed flying for twenty-five seconds within the 0–20 m band. On the 2nd of August, one juvenile kestrel was observed flying for forty-six seconds within the 0–20 m band. On the 2nd of August, one kestrel was observed flying for two hundred and forty-three seconds within the 50–100 m band. On the 31st of August, two juvenile kestrels were observed flying for forty-two seconds within the 0–20 m band. On the 31st of August, one kestrel was observed flying for seventy-seven seconds, including twenty-three seconds within the 0–20 m band and fifty-four seconds within the 20–50 m band.

At VP5, eleven observations were recorded. On the 30th of March, one female kestrel was observed flying for five hundred and seventy-four seconds within the 50–100 m band. On the 4th of June, one female kestrel was observed flying for two hundred and twenty-three seconds, including twenty-four seconds within the 20–50 m band and one hundred and ninety-nine seconds within the 50–100 m band while hunting. On the 4th of June, one female kestrel was observed flying for thirty-eight seconds within the 50–100 m band while hunting. On the 4th of June, one kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band. On the 29th of July, one kestrel was observed flying for ninety-one seconds within the 50–100 m band. On the 4th of August, one female kestrel was observed flying for sixty-one seconds within the 50–100 m band. On the 4th of August, one kestrel was observed flying for two hundred seconds within the 50–100 m band. On the 9th of July, one male kestrel was observed flying for three hundred and four seconds, including fifteen seconds within the 20–50 m band and two hundred and eighty-nine seconds within the 50–100 m band. On the 29th of July, one kestrel was observed flying for ninety-one seconds within the 50–100 m band. On the 9th of July, one kestrel was observed flying for one hundred and thirty-five seconds within the 50–100 m band. On the 4th of August, one kestrel was observed flying for two hundred seconds within the 50–100 m band.

At VP6, twelve observations were recorded. On the 25th of March, one kestrel was observed flying for one hundred and twenty-nine seconds within the 50–100 m band. On the 13th of May, one kestrel was observed flying for two hundred and eighty-eight seconds within the 50–100 m band. On the 24th of June, one kestrel was observed flying for one hundred and sixty-seven seconds within the 50–100 m band. On the 9th of July, two kestrels, a male and a juvenile, were observed flying for three hundred and twenty-two seconds, including thirteen seconds within the 20–50 m band and three hundred and nine seconds within the 50–100 m band. On the 9th of July, two kestrels, a male and a juvenile, were observed flying for five hundred and thirty-seven seconds, including forty-one seconds within the 20–50 m band and four hundred and ninety-six seconds within the 50–100 m band. On the 9th of July, three kestrels, a male and two juveniles, were observed flying for six hundred and thirty-four seconds, including ten seconds within the 20–50 m band, four hundred and nineteen seconds within the 50–100 m band, and two hundred and five seconds within the 100–200 m band. On the 9th of July, one male kestrel was observed flying for two hundred and fifty-two seconds, including fifty-eight seconds within the 20–50 m band and one hundred and ninety-four seconds within the 50–100 m band. On the 29th of July, one female kestrel and one juvenile were observed flying for two hundred and eighteen seconds within the 50–100 m band. On the 29th of July, one female kestrel and one juvenile were observed flying for forty-seven seconds within the 50–100 m band. On the 29th of July, one male kestrel was observed flying for four hundred and sixteen seconds, including twenty-six seconds within the 20–50 m band and three hundred and ninety seconds within the 50–100 m band. On the 29th of July, one kestrel was observed flying for two hundred and eighteen seconds within the 50–100 m band. On the 29th of July, one kestrel was observed flying for forty-seven seconds within the 50–100 m band.

At VP7, seven observations were recorded. On the 19th of May, one male kestrel was observed flying for six hundred and fourteen seconds, including thirty-eight seconds within the 20–50 m band and five hundred and seventy-six seconds within the 50–100 m band, while perching on an electric pole. On the 24th of July, one kestrel was observed flying for thirty-five seconds, including thirty-five seconds within the 0–20 m band while perching in low trees and hunting. On the 9th of July, one kestrel was observed flying for two hundred and sixty seconds within the 50–100 m band. On the 1st of August, one kestrel was observed flying for one hundred and forty-two seconds within the 50–100 m band. On the 6th of August, one kestrel was observed flying for ninety-five seconds within the 50–100 m band. On the 9th of September, one male kestrel was observed flying for thirty-five seconds within the 0–20 m band.

At VP8, three observations were recorded. On the 8th of April, one male kestrel was observed flying for two hundred and two seconds, including thirty-five seconds within the 0–20 m band and one hundred and sixty-seven seconds within the 20–50 m band. On the 10th of June, one kestrel was observed flying for thirty-four seconds within the 0–20 m band while carrying prey. On the 24th of July, one kestrel was observed flying for one hundred and sixty-one seconds, including twenty-four seconds within the 0–20 m band and one hundred and thirty-seven seconds within the 20–50 m band.

At VP14, seven observations were recorded. On the 29th of April, one male kestrel was observed flying for two hundred and seventy-one seconds, including ninety-six seconds within the 50–100 m band and one hundred and seventy-five seconds within the 100–200 m band while mobbing a buzzard. On the 9th of July, two juvenile kestrels were observed flying for one hundred and seven seconds within the 50–100 m band. On the 29th of July, one kestrel was observed flying for one hundred and ninety-eight seconds, including ninety-nine seconds within the 20–50 m band and ninety-nine seconds within the 50–100 m band. On the 9th of August, one kestrel was observed flying for three hundred and seventy-six seconds, including twenty-five seconds within the 20–50 m band and three hundred and fifty-one seconds within the 50–100 m band.

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At VP2 on the 2nd of October, one female kestrel was observed flying for eighty-eight seconds within the 50–100 m band. At VP6 on the 4th of October, one male kestrel was observed flying for four hundred and forty-one seconds, including twenty-five seconds within the 20–50 m band and four hundred and sixteen seconds within the 50–100 m band. At VP6 on the 6th of October, one male kestrel was observed flying for six seconds within the 20–50 m band. At VP2 on the 10th of October, two kestrels were observed flying for thirty-eight seconds within the 50–100 m band. At VP2 on the 10th of October, one kestrel was observed flying for two hundred and forty seconds, including twenty seconds within the 20–50 m band and two hundred and twenty seconds within the 50–100 m band. At VP6 on the 10th of October, one kestrel was observed flying for one hundred and fifty-two seconds, including sixty-three seconds within the 20–50 m band and eighty-nine seconds within the 50–100 m band. At VP7 on the 16th of October, one kestrel was observed flying for fifty-one seconds within the 20–50 m band.

At VP2 on the 17th of October, one kestrel was observed flying for twenty-seven seconds within the 20–50 m band. At VP2 on the 17th of October, one kestrel was observed flying for one hundred and eighty-eight seconds within the 20–50 m band. At VP2 on the 17th of October, one kestrel was observed flying for thirty-eight seconds within the 20–50 m band. At VP7 on the 21st of October, two kestrels were observed flying for seven hundred and forty-four seconds, including ninety-four seconds within the 20–50 m band, six hundred and thirty seconds within the 50–100 m band, and twenty seconds within the 100–200 m band while being mobbed by a hooded crow. At VP7 on the 21st of October, one kestrel was observed flying for fifty-nine seconds within the 50–100 m band. At VP5 on the 24th of October, one kestrel was observed flying for thirty-three seconds within the 20–50 m band while being chased by crows. At VP14 on the 26th of October, one male kestrel was observed flying for ninety-two seconds within the 50–100 m band. At VP2 on the 27th of October, one kestrel was observed flying for thirty-three seconds within the 20–50 m band while being chased by crows. At VP2 on the 21st of November, one kestrel was observed flying for one hundred and twenty-three seconds within the 50–100 m band.

At VP14 on the 7th of November, one kestrel was observed flying for one hundred and seventy-seven seconds, including twenty-five seconds within the 20–50 m band and one hundred and fifty-two seconds within the 50–100 m band. At VP6 on the 3rd of November, one male kestrel was observed flying for fifty-eight seconds within the 50–100 m band. At VP6 on the 7th of November, one male kestrel was observed flying for one thousand one hundred and sixty-one seconds, including three hundred and fourteen seconds within the 20–50 m band and eight hundred and forty-seven seconds within the 50–100 m band. At VP2 on the 14th of December, one kestrel was observed flying for one hundred and twenty-five seconds within the 50–100 m band. At VP2 on the 14th of December, one kestrel was observed flying for eighty-three seconds within the 50–100 m band. At VP14 on the 2nd of December, one male kestrel was observed flying for one hundred and thirty-five seconds, including forty-five seconds within the 20–50 m band and ninety seconds within the 50–100 m band. At VP5 on the 4th of December, one kestrel was observed flying for one hundred and eighty-four seconds within the 50–100 m band. At VP6 on the 23rd of December, one kestrel was observed flying without a recorded duration or height band. At VP5 on the 24th of January, one kestrel was observed flying for forty-seven seconds within the 50–100 m band. At VP5 on the 24th of January, one kestrel was observed flying for forty-seven seconds, including nineteen seconds within the 20–50 m band and twenty-eight seconds within the 50–100 m band. At VP2 on the 19th of February, one kestrel was observed flying for fifty-one seconds within the 20–50 m band. At VP5 on the 7th of February, one kestrel was observed flying for eighty-five seconds within the 50–100 m band. At VP5 on the 7th of February, one kestrel was observed flying for fifty-eight seconds within the 50–100 m band while carrying prey. At VP14 on the 3rd of March, one kestrel was observed flying for five hundred and seventy-two seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer.

At VP2, twelve observations were recorded. On the 17th of October, one kestrel was observed flying for fourteen seconds within the 20–50 m band while being chased by crows. On the 2nd of October, one kestrel was observed flying for thirty-six seconds within the 20–50 m band. On the 10th of October, two kestrels were observed flying for thirty-eight seconds within the 20–50 m band. On the 10th of October, one kestrel was observed flying for forty-two seconds within the 20–50 m band. On the 21st of November, one kestrel was observed flying for one hundred and twenty-three seconds within the 50–100 m band. On the 3rd of November, one female kestrel was observed flying for eighty-six seconds within the 50–100 m band. On the 3rd of November, one kestrel was observed flying for one hundred and forty-five seconds within the 50–100 m band. On the 14th of December, one kestrel was observed flying for one hundred and twenty-five seconds within the 50–100 m band. On the 14th of December, one kestrel was observed flying for eighty-three seconds within the 50–100 m band. On the 19th of February, one kestrel was observed flying for fifty-one seconds within the 20–50 m band. On the 19th of February, one kestrel was observed flying for fifty-one seconds within the 20–50 m band. On the 11th of March, one kestrel was observed flying for twenty-seven seconds within the 20–50 m band.

At VP4, eleven observations were recorded. On the 16th of October, one kestrel was observed flying for thirty-eight seconds within the 20–50 m band. On the 3rd of October, two kestrels were observed flying for one hundred and forty-three seconds within the 50–100 m band. On the 3rd of October, two kestrels were observed flying for fifty-five seconds within the 50–100 m band. On the 25th of October, one male kestrel was observed flying for thirty-eight seconds within the 50–100 m band. On the 25th of October, one male kestrel was observed flying for two hundred and sixty-five seconds within the 50–100 m band. On the 25th of October, one kestrel was observed flying for one hundred and eighty-eight seconds within the 50–100 m band. On the 30th of October, one female kestrel was observed flying for seventy-three seconds within the 50–100 m band. On the 29th of December, one kestrel was observed flying for thirty-six seconds within the 20–50 m band. On the 29th of December, one kestrel was observed flying for thirty-one seconds within the 20–50 m band. On the 7th of February, one kestrel was observed flying for twelve seconds within the 20–50 m band. On the 18th of February, one kestrel was observed flying for eight seconds within the 0–20 m band. On the 18th of February, one kestrel was observed flying for two hundred and eight seconds, including one hundred and four seconds within the 20–50 m band and one hundred and four seconds within the 50–100 m band.

At VP5, seven observations were recorded. On the 4th of December, one kestrel was observed flying for one hundred and eighty-four seconds within the 50–100 m band. On the 24th of January, one kestrel was observed flying for forty-seven seconds within the 50–100 m band. On the 24th of January, one kestrel was observed flying for forty-seven seconds, including nineteen seconds within the 20–50 m band and twenty-eight seconds within the 50–100 m band. On the 7th of February, one kestrel was observed flying for eighty-five seconds within the 50–100 m band. On the 7th of February, one kestrel was observed flying for fifty-eight seconds within the 50–100 m band while carrying prey. On the 24th of January, one kestrel was observed flying for forty-seven seconds within the 50–100 m band. On the 24th of January, one kestrel was observed flying for forty-seven seconds within the 20–50 m band.

At VP6, eight observations were recorded. On the 10th of October, one kestrel was observed flying for one hundred and fifty-two seconds, including sixty-three seconds within the 20–50 m band and eighty-nine seconds within the 50–100 m band. On the 6th of October, one male kestrel was observed flying for six seconds within the 20–50 m band. On the 4th of October, one male kestrel was observed flying for four hundred and forty-one seconds, including twenty-five seconds within the 20–50 m band and four hundred and sixteen seconds within the 50–100 m band. On the 3rd of November, one male kestrel was observed flying for fifty-eight seconds within the 50–100 m band. On the 7th of November, one male kestrel was observed flying for one thousand one hundred and sixty-one seconds, including three hundred and fourteen seconds within the 20–50 m band and eight hundred and forty-seven seconds within the 50–100 m band. On the 23rd of December, one kestrel was observed flying without a recorded duration or height band. On the 23rd of December, one kestrel was observed flying without a recorded height band. On the 6th of October, one kestrel was observed flying for six seconds within the 20–50 m band.

At VP7, seven observations were recorded. On the 21st of October, one kestrel was observed flying for fifty-nine seconds within the 50–100 m band. On the 16th of October, one kestrel was observed flying for fifty-one seconds within the 20–50 m band. On the 11th of October, one kestrel was observed perching and flying to a pole, spending seventeen seconds within the 0–20 m band. On the 11th of December, one kestrel was observed flying for seventeen seconds within the 0–20 m band while flying to perch on an ESB pole. On the 11th of December, one kestrel was observed flying for five hundred and fifty-five seconds, including eighteen seconds within the 20–50 m band and five hundred and thirty-seven seconds within the 50–100 m band, from a pole while hunting before moving to a pine tree. On the 11th of December, one female kestrel was observed flying for five hundred and ninety-five seconds, including twenty-six seconds within the 20–50 m band and five hundred and sixty-nine seconds within the 50–100 m band from a perch while hunting. On the 23rd of December, one female kestrel was observed flying for one thousand nine hundred and eighty-five seconds, including four hundred and twenty-five seconds within the 20–50 m band and one thousand five hundred and sixty seconds within the 50–100 m band, while perching on poles.

At VP8, six observations were recorded. On the 21st of October, one kestrel was observed flying for three hundred and forty-two seconds, including three hundred and thirteen seconds within the 0–20 m band and twenty-nine seconds within the 20–50 m band. On the 22nd of October, one female kestrel was observed flying for seventeen seconds within the 0–20 m band. On the 22nd of October, one male kestrel was observed flying for twenty-eight seconds within the 0–20 m band. On the 9th of December, one female kestrel was observed flying for twenty-one seconds within the 0–20 m band while perching in an alder tree. On the 9th of December, one female kestrel was observed flying for ten seconds within the 0–20 m band after returning to the same perch. On the 19th of February, one kestrel was observed flying for one hundred and three seconds, including fifteen seconds within the 20–50 m band and eighty-eight seconds within the 50–100 m band. On the 19th of February, one kestrel was observed flying for seven hundred and fifty-five seconds, including ninety-four seconds within the 20–50 m band and six hundred and sixty-one seconds within the 50–100 m band.

At VP14, four observations were recorded. On the 26th of October, one kestrel was observed flying for ninety-two seconds within the 50–100 m band. On the 7th of November, one kestrel was observed flying for one hundred and seventy-seven seconds, including twenty-five seconds within the 20–50 m band and one hundred and fifty-two seconds within the 50–100 m band. On the 2nd of December, one male kestrel was observed flying for one hundred and thirty-five seconds, including forty-five seconds within the 20–50 m band and ninety seconds within the 50–100 m band. On the 3rd of March, one kestrel was observed flying for five hundred and seventy-two seconds within the 50–100 m band.

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At VP5 on the 30th of March, one kestrel was observed flying for thirty-three seconds within the 50–100 m band. At VP5 on the 30th of March, one kestrel was observed flying for eighty-three seconds, including two seconds within the 0–20 m band and eighty-one seconds within the 20–50 m band. At VP14 on the 3rd of April, one kestrel was observed flying for ninety-three seconds, including fifty-two seconds within the 20–50 m band and forty-one seconds within the 50–100 m band. At VP2 on the 4th of March, one kestrel was observed flying for twenty seconds within the 50–100 m band. At VP2 on the 4th of March, one kestrel was observed flying for thirty-two seconds within the 50–100 m band.

At VP2 on the 31st of May, one kestrel was observed flying for fifteen seconds within the 0–20 m band.

At VP2 on the 10th of June, one male kestrel was observed flying for fifty-three seconds within the 20–50 m band while hunting. At VP2 on the 24th of June, one female kestrel was observed flying for three hundred seconds, including one hundred and twenty seconds within the 20–50 m band and one hundred and eighty seconds within the 50–100 m band while hunting.

At VP2 on the 8th of July, one female kestrel was observed flying for sixty-seven seconds, including thirty-seven seconds within the 20–50 m band and thirty seconds within the 50–100 m band while hunting. At VP2 on the 8th of July, one female kestrel was observed flying for one hundred and eighty seconds within the 50–100 m band while hunting.

At VP2 on the 30th of July, two kestrels were observed flying for forty-two seconds within the 20–50 m band while hunting. At VP2 on the 30th of July, two kestrels were observed flying for three hundred seconds, including sixty seconds within the 20–50 m band and one hundred and eighty seconds within the 50–100 m band while hunting. At VP2 on the 30th of July, two kestrels were observed flying for four hundred and twenty seconds, including one hundred and eighty seconds within the 20–50 m band and two hundred and forty seconds within the 50–100 m band while hunting and circling.

At VP2 on the 13th of August, one female or juvenile kestrel was observed flying for four hundred and eighty seconds, including four hundred and twenty seconds within the 20–50 m band and thirty seconds within the 50–100 m band while hunting. At VP2 on the 13th of August, two kestrels were observed flying for eighty seconds within the 20–50 m band while hunting.

At VP4 on the 7th of August, one kestrel was observed flying for one hundred and sixty-five seconds, including twenty-five seconds within the 20–50 m band, thirty seconds within the 50–100 m band, twenty-five seconds within the 100–200 m band, twenty seconds within the 150–180 m range and eighty-two seconds above two hundred m while hunting, circling and moving away.

At VP5 on the 2nd of July, one kestrel was observed flying for seventy-five seconds within the 50–100 m band while hunting. At VP5 on the 2nd of July, one female kestrel was observed flying for one hundred and forty-nine seconds within the 50–100 m band while hunting and catching prey before landing in a tree. At VP5 on the 2nd of July, one female kestrel was observed flying for twenty seconds within the 20–50 m band while commuting and landing in a tree. At VP5 on the 2nd of July, one kestrel was observed flying for thirty-nine seconds within the 0–20 m band while hunting. At VP5 on the 2nd of July, two kestrels were observed flying for eighty-seven seconds while a male and female flew together, sometimes mobbing each other.

At VP5 on the 11th of July, one female kestrel was observed flying for seventy-five seconds while hunting. At VP5 on the 11th of July, one kestrel was observed flying for one hundred and ninety-three seconds within the 50–100 m band while hunting.

At VP5 on the 23rd of July, one kestrel was observed flying for sixty-four seconds within the 50–100 m band while hunting. At VP5 on the 23rd of July, one kestrel was observed flying for twenty seconds within the 0–20 m band while hunting. At VP5 on the 23rd of July, one kestrel was observed flying for one hundred and seventy-seven seconds within the 50–100 m band while hunting.

At VP5 on the 13th of August, one kestrel was observed flying for one hundred and twenty seconds within the 50–100 m band while hunting. At VP5 on the 13th of August, one female kestrel was observed flying for one hundred and five seconds within the 50–100 m band while hunting. At VP5 on the 13th of August, one female kestrel was observed flying for seventy-four seconds while hunting. At VP5 on the 13th of August, one female kestrel was observed flying for two hundred and eight seconds, including two hundred and eight seconds within the 50–100 m band while hunting.

At VP5 on the 25th of August, one female kestrel was observed flying for twenty seconds within the 20–50 m band while foraging. At VP5 on the 25th of August, one female kestrel was observed flying for forty-seven seconds within the 30–50 m band while hovering. At VP5 on the 25th of August, one kestrel was observed flying for eighty-eight seconds within the 40–50 m or higher band while hovering, presumed to be the same female seen earlier. At VP5 on the 25th of August, one female kestrel was observed flying for forty-seven seconds within the 20–50 m band while foraging. At VP5 on the 25th of August, one female kestrel was observed flying for forty-eight seconds within the 20–50 m band while scanning the ground. At VP5 on the 25th of August, one female kestrel was observed flying for fifty-five seconds within the 50–100 m band while hovering.

At VP6 on the 24th of August, one female kestrel was observed flying for four hundred and one seconds, including ten seconds within the 0–20 m band, fifty seconds within the 20–50 m band and three hundred and forty-one seconds within the 50–100 m band while hunting. At VP6 on the 24th of August, one kestrel was observed flying for twenty-eight seconds within the 20–50 m band while hunting. At VP6 on the 24th of August, one kestrel was observed flying for ninety-five seconds within the 50–100 m band while hunting.

At VP6 on the 7th of August, one female kestrel was observed flying for sixty-eight seconds within the 50–100 m band while foraging.

At VP14 on the 31st of July, one female kestrel was observed flying for twenty-seven seconds within the 20–50 m band while hunting and commuting.

At VP14 on the 24th of August, one female or juvenile kestrel was observed flying for four hundred and five seconds, including thirty-four seconds within the 20–50 m band, one hundred and fifty-seven seconds within the 50–100 m band and two hundred and fourteen seconds within the 100–200 m band while hunting. At VP14 on the 24th of August, one female or juvenile kestrel was observed flying for one hundred and forty-three seconds, including nineteen seconds within the 20–50 m band and one hundred and twenty-four seconds within the 50–100 m band while hunting.

All other observations were located outside the 500m turbine buffer.

At VP1, one observation was recorded. On the 17th of March, one kestrel was observed flying for one hundred and twenty-five seconds within the 50–100 m band. At VP2, three observations were recorded. On the 31st of May, one kestrel was observed flying for fifteen seconds within the 20–50 m band. On the 10th of June, one kestrel was observed flying for fifty-three seconds within the 20–50 m band while hunting. On the 12th of August, one kestrel was observed flying for two hundred and ninety seconds, including one hundred and forty seconds within the 20–50 m band and one hundred and fifty seconds within the 50–100 m band while hunting.

At VP4, three observations were recorded. On the 12th of March, one kestrel was observed flying for twelve seconds within the 20–50 m band. On the 3rd of April, one kestrel was observed flying for fifteen seconds within the 0–20 m band. On the 3rd of April, one kestrel was observed flying for thirty-six seconds within the 20–50 m band.

At VP5, six observations were recorded. On the 2nd of July, one kestrel was observed flying for one hundred and ninety-three seconds within the 50–100 m band while hunting. On the 2nd of July, one kestrel was observed flying for thirty-nine seconds within the 0–20 m band while hunting. On the 2nd of July, one kestrel was observed flying for one hundred and forty-nine seconds within the 50–100 m band while hunting and catching prey before landing in a tree. On the 13th of August, one kestrel was observed flying for one hundred and twenty seconds within the 50–100 m band while hunting. On the 13th of August, one kestrel was observed flying for one hundred and five seconds within the 50–100 m band while hunting. On the 25th of August, one kestrel was observed flying for forty-seven seconds within the 20–50 m band while foraging.

At VP6, four observations were recorded. On the 18th of June, one male kestrel was observed flying for two hundred and sixty-four seconds, including two hundred and sixty-four seconds within the 50–100 m band, while foraging and commuting. On the 24th of August, one female kestrel was observed flying for four hundred and one seconds, including ten seconds within the 0–20 m band, fifty seconds within the 20–50 m band and three hundred and forty-one seconds within the 50–100 m band while hunting. On the 24th of August, one kestrel was observed flying for twenty-eight seconds within the 20–50 m band while hunting. On the 24th of August, one kestrel was observed flying for ninety-five seconds within the 50–100 m band while hunting.

At VP7, three observations were recorded. On the 1st of August, one female kestrel was observed flying for six hundred and forty-nine seconds, including five hundred and twenty-five seconds within the 50–100 m band and one hundred and twenty-four seconds within the 100–200 m band while hunting. On the 18th of May, one kestrel was observed flying for forty-nine seconds within the 50–100 m band. On the 18th of April, two kestrels, a male and a female, were observed flying for nine hundred and sixty seconds within the 50–100 m band while hunting.

At VP8, five observations were recorded. On the 7th of July, one kestrel was observed flying for thirty-four seconds within the 20–50 m band while foraging. On the 2nd of July, one kestrel was observed flying for sixteen seconds within the 0–20 m band. On the 15th of March, one kestrel was observed flying for one hundred and eighty-eight seconds within the 50–100 m band. On the 15th of March, one kestrel was observed flying for one hundred and seventeen seconds, including twenty-five seconds within the 20–50 m band and ninety-two seconds within the 50–100 m band. On the 22nd of March, one kestrel was observed flying for seventy-two seconds within the 50–100 m band.

At VP14, three observations were recorded. On the 24th of August, one kestrel was observed flying for four hundred and five seconds, including thirty-four seconds within the 20–50 m band, one hundred and fifty-seven seconds within the 50–100 m band and two hundred and fourteen seconds within the 100–200 m band while hunting as a female or juvenile bird. On the 24th of August, one kestrel was observed flying for one hundred and forty-three seconds, including nineteen seconds within the 20–50 m band and one hundred and twenty-four seconds within the 50–100 m band while hunting as a female or juvenile bird. On the 31st of July, one kestrel was observed flying for twenty-seven seconds within the 20–50 m band while hunting and commuting.

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Kestrel observations within the 500m turbine buffer. At VP2 on the 3rd of October, one kestrel was observed flying for three hundred and twenty-nine seconds within the 50–100 m band while foraging. At VP2 on the 3rd of October, one kestrel was observed flying for fifty-three seconds within the 50–100 m band while foraging. At VP2 on the 3rd of October, one kestrel was observed flying for one hundred and forty-two seconds within the 50–100 m band while foraging. At VP2 on the 23rd of October, one kestrel was observed flying for forty seconds within the 50–100 m band while foraging after being chased by a hooded crow. At VP2 on the 23rd of October, one kestrel was observed flying for six hundred seconds within the 50–100 m band while foraging. At VP2 on the 23rd of October, one juvenile male kestrel was observed flying for three hundred seconds within the 50–100 m band while foraging.

At VP2 on the 28th of October, one kestrel was observed flying for two hundred and forty seconds within the 50–100 m band while foraging. At VP2 on the 28th of October, one kestrel was observed flying for three hundred seconds within the 20–50 m band while foraging. At VP2 on the 28th of October, one kestrel was observed flying for forty-five seconds within the 20–50 m band while foraging.

At VP2 on the 24th of November, one kestrel was observed flying for one hundred and eighty seconds within the 50–100 m band while foraging.

At VP2 on the 10th of March, one kestrel was observed flying for one hundred and eighty-five seconds within the 20–50 m band while foraging. At VP2 on the 26th of March, one male kestrel was observed flying for two hundred and forty seconds within the 50–100 m band while foraging. At VP2 on the 31st of March, one male kestrel was observed flying for four hundred and twenty seconds within the 50–100 m band while foraging. At VP2 on the 31st of March, one kestrel was observed flying for sixty-five seconds within the 50–100 m band while foraging.

At VP5 on the 28th of October, one male kestrel was observed flying for thirteen seconds within the 20–50 m band while commuting to a tree. At VP5 on the 28th of October, one kestrel was observed flying for one hundred and fifty-six seconds within the 50–100 m band while foraging. At VP5 on the 28th of October, one female kestrel was observed flying for one hundred and forty-five seconds within the 50–100 m band while foraging and diving at the end. At VP5 on the 28th of October, one male kestrel was observed flying for forty seconds within the 50–100 m band while commuting. At VP5 on the 28th of October, one kestrel was observed flying for fifteen seconds within the 0–20 m band while hovering and hunting. At VP5 on the 28th of October, one male kestrel was observed flying for fifteen seconds within the 0–20 m band while commuting. At VP5 on the 28th of October, one female kestrel was observed flying for twenty seconds within the 0–20 m band before landing in a pine tree.

At VP5 on the 17th of January, one kestrel was observed flying for thirty seconds within the 50–100 m band while mobbing a hooded crow.

At VP5 on the 18th of March, one juvenile kestrel was observed flying for thirty-seven seconds within the 0–20 m band while foraging after a prolonged perch. At VP5 on the 18th of March, one juvenile male kestrel was observed flying for eight hundred and twenty-five seconds, including four hundred and seventy seconds within the 50–100 m band and three hundred and fifty-five seconds within the 100–200 m band while foraging.

At VP6 on the 27th of November, one male kestrel was observed flying for eight hundred and sixty-two seconds within the 50–100 m band while foraging.

At VP7 on the 30th of November, one male kestrel was observed flying for one thousand and twenty-six seconds within the 50–100 m band while foraging.

At VP14 on the 9th of December, one kestrel was observed flying for seven seconds within the 0–20 m band while commuting.

At VP14 on the 27th of December, one kestrel was observed flying for sixty-three seconds within the 50–100 m band while foraging.

At VP14 on the 15th of January, one male kestrel was observed flying for two hundred and fifty-four seconds, including one hundred and four seconds within the 50–100 m band and one hundred and fifty seconds within the 100–200 m band while foraging. At VP14 on the 15th of January, one kestrel was observed flying for twenty-four seconds within the 0–20 m band while foraging.

At VP14 on the 2nd of February, one kestrel was observed flying for thirty seconds within the 20–50 m band while foraging.

At VP14 on the 29th of March, one kestrel was observed flying for seventy-six seconds within the 50–100 m band while foraging.

All other observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 21st of January, one juvenile male kestrel was observed flying for forty-six seconds within the 50–100 m band while commuting. At VP2, five observations were recorded. On the 3rd of October, one kestrel was observed flying for three hundred and twenty-nine seconds within the 50–100 m band while foraging. On the 3rd of October, one kestrel was observed flying for fifty-three seconds within the 50–100 m band while foraging. On the 3rd of October, one kestrel was observed flying for one hundred and forty-two seconds within the 50–100 m band while foraging. On the 23rd of October, one kestrel was observed flying for three hundred seconds within the 50–100 m band while foraging. On the 23rd of October, one kestrel was observed flying for six hundred seconds within the 50–100 m band while foraging.

At VP4, seven observations were recorded. On the 3rd of October, one adult male kestrel was observed flying for one hundred and twenty-two seconds within the 20–50 m band before landing on a pole set. On the 16th of November, one female kestrel was observed flying for thirteen seconds within the 20–50 m band while foraging. On the 23rd of October, one adult male kestrel was observed flying for seventy-eight seconds, including fifty-six seconds within the 50–100 m band and twenty-two seconds within the 100–200 m band from a favoured electricity post. On the 23rd of November, one adult male kestrel was observed flying for four seconds, including two seconds within the 20–50 m band and two seconds within the 100–200 m band as it dropped from a perch on a pole set. On the 3rd of October, one kestrel was observed flying for two hundred and forty-eight seconds, including two hundred and twenty-three seconds within the 50–100 m band and twenty-five seconds within the 100–200 m band while foraging after one strike. On the 5th of February, one adult male kestrel was observed flying for one thousand and eighty seconds, including one hundred and sixty-five seconds within the 20–50 m band, sixty seconds within the 50–100 m band, eight hundred and sixty seconds within the 100–200 m band and fifty-five seconds within the 150–180 m band, showing fluttery flight behaviour suggestive of a nearby perched female. On the 27th of March, one kestrel was observed flying for forty-one seconds within the 20–50 m band while foraging.

At VP5, eight observations were recorded. On the 28th of October, one male kestrel was observed flying for thirteen seconds within the 20–50 m band while commuting and landing in a tree. On the 28th of October, one kestrel was observed flying for one hundred and fifty-six seconds within the 50–100 m band while foraging. On the 28th of October, one female kestrel was observed flying for one hundred and forty-five seconds within the 50–100 m band while foraging, diving at the end. On the 28th of October, one male kestrel was observed flying for forty seconds within the 50–100 m band while commuting at a reasonable speed. On the 28th of October, one kestrel was observed flying for fifteen seconds within the 0–20 m band while hovering and hunting. On the 17th of January, one kestrel was observed flying for thirty seconds within the 50–100 m band while mobbing a hooded crow. On the 18th of March, one kestrel was observed flying for thirty-seven seconds within the 0–20 m band, having perched for a prolonged period before hunting away. On the 18th of March, one juvenile male kestrel was observed flying for eight hundred and twenty-five seconds, including four hundred and seventy seconds within the 50–100 m band and three hundred and fifty-five seconds within the 100–200 m band while foraging.

At VP6, five observations were recorded. On the 27th of November, one adult male kestrel was observed flying for eight hundred and sixty-two seconds within the 50–100 m band while foraging. On the 19th of March, one kestrel was observed flying for three hundred and ninety-three seconds within the 50–100 m band while foraging. On the 19th of March, one kestrel was observed flying for twenty-seven seconds within the 20–50 m band while foraging. On the 23rd of October, one adult male kestrel was observed flying for forty-seven seconds within the 20–50 m band while foraging fast along the tree line. On the 27th of March, one kestrel was observed flying for forty-one seconds within the 20–50 m band while foraging.

At VP8, five observations were recorded. On the 29th of October, one adult male kestrel was observed flying for eighty-one seconds within the 50–100 m band while foraging. On the 22nd of February, one adult male kestrel was observed flying for fifty-seven seconds within the 20–50 m band while foraging. On the 22nd of February, one adult male kestrel was observed flying for thirty-one seconds within the 20–50 m band, probably the same bird seen previously. On the 22nd of January, one adult male kestrel was observed flying for eight seconds within the 20–50 m band after flying to perch in a tree. On the 22nd of January, one adult male kestrel was observed flying for thirty-eight seconds within the 20–50 m band while foraging.

At VP14, six observations were recorded. On the 2nd of February, one kestrel was observed flying for thirty seconds within the 20–50 m band while foraging. On the 9th of December, one kestrel was observed flying for seven seconds within the 0–20 m band while commuting. On the 27th of December, one kestrel was observed flying for sixty-three seconds within the 50–100 m band while foraging. On the 15th of January, one adult male kestrel was observed flying for two hundred and fifty-four seconds, including one hundred and four seconds within the 50–100 m band and one hundred and fifty seconds within the 100–200 m band while foraging. On the 15th of January, one kestrel was observed flying for twenty-four seconds within the 0–20 m band while foraging. On the 29th of March, one kestrel was observed flying for seventy-six seconds within the 50–100 m band while foraging.

4.2.16 Kingfisher

This green-listed Annex I species was not recorded during summer 2021 VP surveys and During winter 2020/2021 VP surveys. Kingfisher were observed on nine occasions during VP surveys.

Winter 2021/2022

On the 23rd of October, one kingfisher was observed from VP14, flying within height band 0-20m for 20 seconds. This observation was within the 500m turbine buffer, where the kingfisher was observed flying along drain west of VP14.

Summer 2022

On the 29th of August one kingfisher was observed from VP7, flying outside the 500m buffer cutover bog.

Winter 2022/2023

On the 11th of February, one kingfisher was observed flying within height band 0-20m for five seconds. This observation was within the 500m turbine buffer, with kingfisher observed flying along drain north of VP14.

Summer 2023

On the 13th of May, one kingfisher was observed flying along a drain and within 0-20m height band for eight seconds. This observation was within the 500m turbine buffer and north of VP6.

Winter 2023/2024

On the 1st of October, two kingfisher were observed flying along cutover bog and immature woodland, northeast of VP7. This observation was located outside the 500m turbine buffer.

Summer 2024

Kingfisher were noted on three occasions during the summer 2024 VP surveys. One of these observation was located within the 500m turbine buffer. On the 28th of March, one kingfisher was observed flying over water and calling twice south of T06.

On the 13th of August, one kingfisher was observed flying over water and calling, landing on willow tree for approximately 10 seconds. This observation was located within the site. On the 4th of September one kingfisher was observed flying fast and calling from VP1 outside the site.

Winter 2024/2025

On the 23rd of October one kingfisher was observed commuting from VP6. This observation was located within the 500m turbine buffer close to T02.

4.2.17 Lapwing

Winter 2020/2021

This red-listed species was observed 10 times during the winter 2020/21 season. One observation was located within the 500m turbine buffer. On the 14th of January at VP1, 10 lapwing circled then flew away from site, over 100m for 300 seconds.

All other observations were located outside the 500m turbine buffer. On the 28th of November at VP1, six were observed flying for a total of thirty-five seconds (five seconds within the 0–20 m height band, fifteen seconds within the 50–100 m height band and fifteen seconds within the 100–200 m height band), and the notes indicated that the birds dipped before flying out of view. On the 1st of December at VP1, thirteen were observed flying for a total of one hundred and eighty seconds (five seconds within the 20–50 m height band, ten seconds within the 50–100 m height band and one hundred and sixty-five seconds within the 100–200 m height band), and the notes indicated feeding at the edge of water for one and three-quarter hours before flushing and flying out of view. On the 12th of December at VP2, two hundred and fifty were observed flying for a total of ten seconds (ten seconds above two hundred m), and the notes indicated a large flock on passage that was not seen landing. On the 16th of January at VP1, one was observed flying for a total of fifteen seconds (five seconds within the 0–20 m height band and ten seconds within the 20–50 m height band), and the notes indicated that the bird flew away from the site. A further observation at VP1 on the same date recorded seven flying for a total of one hundred and eighty seconds (one hundred and ten seconds within the 0–20 m height band, sixty seconds within the 100–200 m height band and ten seconds above two hundred m), and the notes indicated that the flock flew in to the site on peat before flying off again. On the 15th of February at VP4, six were observed flying for a total of twenty seconds (twenty seconds within the 0–20 m height band). On the 4th of March at VP4, two were observed flying for a total of twenty seconds (twenty seconds within the 0–20 m height band), and the notes indicated that the birds passed over a rewetted area. On the 7th of March at VP7, three were observed flying for a total of fifty-two seconds (thirty-four seconds within the 0–20 m height band and eighteen seconds within the 20–50 m height band). On the 16th of March at VP4, three were observed flying for a total of one hundred and thirty-eight seconds (one hundred and thirty-eight seconds within the 0–20 m height band).

Summer 2021

Lapwing was noted on 19 occasions during the summer 2021 season.

Lapwing were observed ten times during the Summer 2021 season. On the 15th of April at VP2, one was observed flying for a total of fifty-five seconds (fifty-five seconds within the 20–50 m height band), and the notes indicated that the bird was holding territory and flying up to mob a hen harrier. On the 16th of April at VP7, two were observed flying for a total of two hundred and forty-five seconds (one hundred and thirty seconds within the 50–100 m height band and one hundred and fifteen seconds within the 100–200 m height band), and the notes indicated display including mobbing a harrier gull. On the 5th of May at VP2, one was observed flying for a total of sixteen seconds (sixteen seconds within the 20–50 m height band). On the 18th of May at VP2, one was observed flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band), and the notes indicated calling and holding territory. A further observation at VP2 on the same date recorded two flying for a total of thirty-one seconds (twenty seconds within the 20–50 m height band and eleven seconds within the 50–100 m height band), and the notes indicated a pair mobbing a hen harrier together. On the 1st of June at VP2, one was observed flying for a total of eighty-five seconds (eighty-five seconds within the 20–50 m height band), and the notes indicated mobbing a hen harrier with the territory still active. A further observation at the same VP recorded one flying for a total of one hundred and thirty-eight seconds (twelve seconds within the 20–50 m height band and one hundred and twenty-six seconds within the 50–100 m height band), and the notes indicated that the bird rose with a lapwing female to mob a hen harrier. A further observation on that date recorded one flying for a total of thirty-five seconds (thirty-five seconds within the 20–50 m height band). On the 6th of July at VP2, one was observed flying for a total of thirty-three seconds (thirty-three seconds within the 20–50 m height band). On the 7th of July at VP2, one was observed flying for a total of ten seconds (ten seconds within the 20–50 m height band).

All other observations were outside the 500m turbine buffer. At VP14, one observation was recorded. On the 14th of April, six were observed flying for a total of one hundred and thirty-eight seconds (one hundred and thirty-eight seconds within the 0–20 m height band), and the notes indicated displaying.

At VP7, three observations were recorded. On the 16th of April, two were observed flying for a total of two hundred and forty-five seconds (one hundred and thirty seconds within the 50–100 m height band and one hundred and fifteen seconds within the 100–200 m height band), and the notes indicated display including mobbing a harrier gull. On the 18th of April, two were observed flying for a total of thirty-six seconds (fourteen seconds within the 0–20 m height band and twenty-two seconds within the 20–50 m height band). Later on the same date, four were observed flying for a total of twenty-nine seconds (eight seconds within the 0–20 m height band and twenty-one seconds within the 20–50 m height band).

At VP4, two observations were recorded. On the 10th of June, one was observed flying for a total of fifteen seconds (fifteen seconds within the 0–20 m height band). Later on the same date, two were observed flying for a total of ninety-one seconds (thirty-five seconds within the 0–20 m height band and fifty-six seconds within the 20–50 m height band).

At VP1, one observation was recorded. On the 5th of August, nine were observed flying for a total of eighteen seconds (seven seconds within the 0–20 m height band and eleven seconds within the 20–50 m height band), and the notes indicated that the birds landed in from a height as part of a post-breeding flock.

Winter 2021/2022

Lapwing were observed once within the 500m turbine buffer during the Winter 2021–2022 season. On the 23rd of February at VP2, one was observed flying for a total of ninety-eight seconds (eight seconds within the 20–50 m height band, ten seconds within the 50–100 m height band and eighty seconds within the 100–200 m height band).

All other observations were located outside the 500m turbine buffer. At VP1, three observations were recorded. On the 16th of October, eleven were observed flying for a total of fifty-five seconds (seven seconds within the 0–20 m height band, thirty-eight seconds within the 20–50 m height band and ten seconds within the 50–100 m height band). On the 2nd of December, sixteen were observed flying for a total of seventeen seconds (seventeen seconds within the 0–20 m height band). A further observation on the same date recorded sixteen flying for a total of one hundred and seven seconds (one hundred and seven seconds within the 20–50 m height band).

At VP7, one observation was recorded. On the 16th of November, twenty-eight were observed flying for a total of one hundred and thirty-two seconds (fifty seconds within the 20–50 m height band and eighty-two seconds within the 50–100 m height band).

At VP2, one STEP-2 observation remained after removal. On the 11th of February, thirty were observed flying for a total of one hundred and eighty-three seconds (one hundred and eighty-three seconds above two hundred m).

Summer 2022

Lapwing were observed within the 500m turbine buffer five times during the Summer 2022 season. On the 7th of May at VP14, two were observed flying for a total of ninety-six seconds (sixty-one seconds within the 20–50 m height band and thirty-five seconds within the 50–100 m height band), and the notes indicated that the birds were displaying. On the 21st of May at VP14, two were observed flying for a total of fifty-four seconds (twenty seconds within the 20–50 m height band and thirty-four seconds within the 50–100 m height band), and the notes indicated mobbing a hen harrier. On the 4th of June at VP14, one was observed flying for a total of forty-three seconds (forty-three seconds within the 50–100 m height band). On the 9th of July at VP14, one was observed flying for a total of one hundred and ninety-four seconds (ninety-seven seconds within the 50–100 m height band, ten seconds within the 100–200 m height band and eighty-seven seconds above two hundred m). On the 21st of September at VP2, twenty-five were observed flying for a total of two hundred and forty-eight seconds (two hundred and forty-eight seconds within the 50–100 m height band).

All other observations were located outside the 500m turbine buffer. At VP1, nine observations were recorded. On the 27th of June, five were observed flying for a total of eight seconds (eight seconds within the 20–50 m height band). On the 11th of July, two were observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 20–50 m height band), followed by a further observation of two flying for a total of five seconds (five seconds within the 20–50 m height band). On the 2nd of July, two were observed flying for a total of ninety-one seconds (seventy-one seconds within the 20–50 m height band and twenty seconds within the 50–100 m height band), and one was later observed flying for a total of sixty-three seconds (sixty-three seconds within the 20–50 m height band). On the 26th of July, two were observed flying for a total of ten seconds (ten seconds within the 20–50 m height band), followed by eight flying for a total of eight seconds (eight seconds within the 20–50 m height band), and finally twelve flying for a total of eighty-five seconds (eighty-five seconds within the 50–100 m height band). On the 5th of August, nine were observed flying for a total of eighteen seconds (seven seconds within the 0–20 m height band and eleven seconds within the 20–50 m height band), and the notes indicated that the birds landed in from a height as a post-breeding flock.

One observation remained at this VP after STEP-1 removal. On the 21st of September, twenty-five were observed flying for a total of two hundred and forty-eight seconds (two hundred and forty-eight seconds within the 50–100 m height band).

At VP4, four observations were recorded. On the 14th of March, four were observed flying for a total of five hundred and fifty-two seconds (five hundred and fifty-two seconds within the 20–50 m height band). Later on the same date, two were observed flying for a total of forty-eight seconds (nine seconds within the 0–20 m height band and thirty-nine seconds within the 20–50 m height band), and the notes indicated displaying. On the 6th of June, one was observed flying for a total of forty-three seconds (forty-three seconds within the 50–100 m height band). On the 6th of July, four were observed flying for a total of thirty-one seconds (ten seconds within the 0–20 m height band and twenty-one seconds within the 20–50 m height band). Later on the same date, one was observed flying for a total of forty-seven seconds (forty-seven seconds within the 20–50 m height band).

At VP7, five observations were recorded. On the 26th of March, four were observed flying for a total of fifty-one seconds (forty-one seconds within the 0–20 m height band and ten seconds within the 20–50 m height band). On the 4th of June, two were observed flying for a total of one hundred and eighty-one seconds (sixty-nine seconds within the 0–20 m height band and one hundred and twelve seconds within the 20–50 m height band), and the notes indicated mobbing a hen harrier. On the 12th of June, two were observed flying for a total of ninety-five seconds (twenty-five seconds within the 0–20 m height band and seventy seconds within the 20–50 m height band). A later observation on that date recorded one flying for a total of forty-nine seconds (fifteen seconds within the 0–20 m height band and thirty-four seconds within the 20–50 m height band). On the 9th of July, one was observed flying for a total of one hundred and eight seconds (seventy-two seconds within the 0–20 m height band and thirty-six seconds within the 20–50 m height band).

At VP14, three observations remained after STEP-1 removal. On the 14th of April, six were observed flying for a total of one hundred and thirty-eight seconds (one hundred and thirty-eight seconds within the 0–20 m height band), and the notes indicated displaying. On the 21st of May, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band), and the notes indicated mobbing a hen harrier. On the 4th of June, one was observed flying for a total of forty-three seconds (forty-three seconds within the 50–100 m height band). On the 9th of July, one was observed flying for a total of one hundred and ninety-four seconds (ninety-seven seconds within the 50–100 m height band, ten seconds within the 100–200 m height band and eighty-seven seconds above two hundred m). On the 7th of May, two were observed flying for a total of ninety-six seconds (sixty-one seconds within the 20–50 m height band and thirty-five seconds within the 50–100 m height band), and the notes indicated that the birds were displaying.

Winter 2022/2023

All observations were located outside the 500m turbine buffer. Lapwing were observed four during the Winter 2022–2023 season. On the 13th of October at VP1, fourteen were observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 0–20 m height band). On the 4th of November at VP1, five were observed flying for a total of one hundred and thirty-five seconds (one hundred and thirty-five seconds within the 20–50 m height band). On the 5th of December at VP1, twelve were observed flying for a total of six seconds (six seconds within the 20–50 m height band). On the 2nd of March at VP4, forty-five were observed flying for a total of one hundred and forty seconds (twenty seconds within the 20–50 m height band and one hundred and twenty seconds within the 50–100 m height band), and the notes indicated that lapwing, wigeon and teal were flushed by a hen harrier, with times estimated.

Summer 2023

Lapwing were observed on 28 occasions during the summer 2023 VP surveys. Lapwing were observed three times within the 500m turbine buffer during the Summer 2023 season. On the 19th of April at VP2, two were observed flying for a total of fifty-four seconds (thirty-four seconds within the 20–50 m height band and twenty seconds within the 50–100 m height band). Later on the same date at VP2, two were observed flying for a total of twenty-six seconds (twenty-six seconds within the 20–50 m height band). On the 10th of June at VP7, one was observed flying for a total of seventy-three seconds (nineteen seconds within the 20–50 m height band and fifty-four seconds within the 50–100 m height band), and the notes indicated that the bird was mobbing a harrier and an eagle-tailed raptor.

All other observations were located outside of the 500m turbine buffer. At VP1, three observations were recorded. On the 13th of July, one was observed flying for a total of twenty-three seconds (twenty-three seconds within the 20–50 m height band). Later on the same date, thirteen were observed flying for a total of seventy-seven seconds (twenty-seven seconds within the 20–50 m height band and fifty seconds within the 50–100 m height band). On the 25th of July, twelve were observed flying for a total of forty-six seconds (forty-six seconds within the 20–50 m height band).

At VP2, on the 21st of September, twenty-five were observed flying for a total of two hundred and forty-eight seconds (two hundred and forty-eight seconds within the 50–100 m height band).

At VP4, ten observations were recorded. On the 6th of April, two were observed flying for a total of one hundred and ten seconds (seven seconds within the 0–20 m height band and one hundred and three seconds within the 20–50 m height band). Later on the same date, one was observed flying for a total of twenty-six seconds (fourteen seconds within the 0–20 m height band and twelve seconds within the 20–50 m height band). A further observation on the same date recorded one flying for a total of seventy-five seconds (eleven seconds within the 0–20 m height band, forty-six seconds within the 20–50 m height band and eighteen seconds within the 50–100 m height band). On the 1st of May, two were observed flying for a total of sixty-four seconds (thirty seconds within the 20–50 m height band and thirty-four seconds within the 50–100 m height band). Later on the same date, one was observed flying for a total of one hundred and thirty-one seconds (sixty-six seconds within the 20–50 m height band and sixty-five seconds within the 50–100 m height band). A further observation on that day recorded three flying for a total of seventy-eight seconds (twenty-six seconds within the 20–50 m height band and fifty-two seconds within the 50–100 m height band). On the 3rd of June, one was observed flying for a total of one hundred and twenty-eight seconds (seventeen seconds within the 50–100 m height band and one hundred and eleven seconds within the 100–200 m height band). Later on the same date, one was observed flying for a total of one hundred and forty-five seconds (one hundred and twenty seconds within the 0–20 m height band and twenty-five seconds within the 20–50 m height band). On the 5th of July, one was observed flying for a total of eighty-six seconds (fourteen seconds within the 0–20 m height band and seventy-two seconds within the 20–50 m height band). Later on the same date, one was observed flying for a total of one hundred and sixteen seconds (twenty seconds within the 0–20 m height band, sixty-five seconds within the 20–50 m height band and thirty-one seconds within the 50–100 m height band). A further observation that day recorded one flying for a total of fifteen seconds (four seconds within the 0–20 m height band and eleven seconds within the 20–50 m height band). The final observation at this VP recorded four flying for a total of twenty-eight seconds (five seconds within the 0–20 m height band and twenty-three seconds within the 20–50 m height band), and the notes indicated post-breeding birds roosting.

At VP7, seven observations were recorded. On the 1st of July, one was observed flying for a total of thirty-one seconds (thirty-one seconds within the 20–50 m height band), and the notes indicated mobbing an eagle-type raptor. Later on the same date, one was observed flying for a total of one hundred and ten seconds (sixty-three seconds within the 0–20 m height band and forty-seven seconds within the 20–50 m height band). On the 3rd of June, one was observed flying for a total of thirty-seven seconds (nineteen seconds within the 20–50 m height band and eighteen seconds within the 50–100 m height band), and the notes indicated landing briefly. Later on the same date, two were observed flying for a total of sixty-six seconds (twenty-five seconds within the 20–50 m height band and forty-one seconds within the 50–100 m height band), and the notes indicated nesting close to last year's site. On the 10th of June, one was observed flying for a total of thirty-six seconds (sixteen seconds within the 20–50 m height band and twenty seconds within the 50–100 m height band), and the notes indicated the bird flew from a nest. A further observation that day recorded one flying for a total of thirteen seconds (thirteen seconds within the 20–50 m height band), and the notes indicated returning to the nest. On the 9th of July, one was observed flying for a total of twenty-four seconds (ten seconds within the 20–50 m height band and fourteen seconds within the 50–100 m height band), and the notes indicated defending young.

At VP14, two observations remained. On the 21st of May, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100 m height band), and the notes indicated mobbing a hen harrier. On the 7th of May, two were observed flying for a total of ninety-six seconds (sixty-one seconds within the 20–50 m height band and thirty-five seconds within the 50–100 m height band), and the notes indicated displaying.

Winter 2023/2024

Lapwing were observed three times during the Winter 2023/2024 season. On the 3rd of October at VP1, sixteen were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50 m height band). On the 22nd of October at VP1, two were observed flying for a total of thirty seconds (thirty seconds within the 20–50 m height band). On the 26th of October at VP1, two were observed flying for a total of thirty-six seconds (thirty-six seconds within the 20–50 m height band). All observations were located outside the 500m turbine buffer.

Summer 2024

Lapwing were noted on 13 occasions during the summer 2024 VP surveys. On the 8th of May at VP4, two were observed flying for a total of eighteen seconds (seven seconds within the 0–20 m height band and eleven seconds within the 20–50 m height band). Later on the same date at VP4, one was observed flying for a total of one hundred and seventy-three seconds (three seconds within the 0–20 m height band, one hundred and fifteen seconds within the 20–50 m height band and fifty-five seconds within the 50–100 m height band), and the notes indicated that the bird was with two other lapwings at a territory before giving a short display and then flying to a tilled field of bare earth. A further observation at VP4 on the same date recorded one flying for a total of sixty-three seconds (forty-six seconds within the 0–20 m height band and seventeen seconds within the 20–50 m height band), and the notes indicated partial display.

On the 20th of May at VP1, one was observed flying for a total of thirty-two seconds (twelve seconds within the 0–20 m height band and twenty seconds within the 20–50 m height band). On the 18th of June at VP4, two were observed flying for a total of eighty-seven seconds (forty-five seconds within the 0–20 m height band and forty-two seconds within the 20–50 m height band). Later on the same date at VP4, one was observed flying for a total of twenty-four seconds (twenty-four seconds within the 0–20 m height band), and the notes indicated mobbing a hen harrier. Also on the 18th of June at VP1, eight were observed flying for a total of thirty-five seconds (thirty-five seconds within the 50–100 m height band). A further observation at the same VP recorded four flying for a total of thirty-two seconds (twenty-two seconds within the 20–50 m height band and ten seconds within the 50–100 m height band). On the 2nd of July at VP1, three were observed flying for a total of twenty-six seconds (twenty-six seconds within the 20–50 m height band), and the notes indicated flying and calling. Later on the same date at VP1, nine were observed flying for a total of twelve seconds (twelve seconds within the 20–50 m height band).

On the 29th of July at VP1, eighteen were observed flying for a total of seventeen seconds (seventeen seconds within the 20–50 m height band). On the 12th of August at VP1, five were observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50 m height band), and the notes indicated flying and calling. A further observation on the same date recorded twelve flying for a total of forty-five seconds (twenty-five seconds within the 20–50 m height band and twenty seconds within the 50–100 m height band).

Winter 2024/2025

Lapwing were observed once within the 500m turbine buffer during the Autumn Migration 2024 season. On the 26th of October at VP14, one was observed flying for a total of two hundred and seventy-three seconds (two hundred and seventy-three seconds within the 100–200 m height band).

All other observations are located outside the 500m turbine buffer. At VP1, four observations were recorded. On the 23rd of October, fifty were observed flying for a total of three hundred and eighty seconds (three hundred and eighty seconds within the 50–100 m height band). On the 9th of March, one was observed flying for a total of seventy-five seconds (seventy-five seconds within the 50–100 m height band). On the 24th of March, two were observed flying for a total of forty-six seconds (forty-six seconds within the 20–50 m height band). A further observation on the same date recorded two flying for a total of one hundred and eighty seconds (one hundred and eighty seconds within the 50–100 m height band).

At VP4, two observations were recorded. On the 3rd of October, ten were observed flying for a total of two hundred and ninety-five seconds (two hundred and forty seconds within the 100–200 m height band, one hundred and ten seconds above two hundred m and fifty-five seconds within the 180–200 m band), and the notes indicated that the birds were post-breeders from the local area or migrants that circled over ponds before moving away. On the 23rd of October, seven were observed flying for a total of one hundred and fifty-three seconds (one hundred and five seconds within the 100–200 m height band, thirty-five seconds above one hundred and fifty m and thirteen seconds within the 0–20 m height band), and the notes indicated that the birds landed onto bare peat.

At VP7, three observations were recorded. On the 23rd of October, two were observed flying for a total of thirty-five seconds (four seconds within the 20–50 m height band, ten seconds within the 50–100 m height band and twenty-one seconds within the 100–200 m height band), and the notes indicated that the age and gender were undefined and that the birds landed on a small island. On the 2nd of February, four were observed flying for a total of sixty-nine seconds (sixty-nine seconds within the 50–100 m height band). Later on the same date, four were observed flying for a total of fifty-eight seconds (fifty-eight seconds within the 50–100 m height band).

4.2.18 Lesser Black-backed Gull

Winter 2020/2021

Lesser black-backed gulls were observed on eight occasions during the winter 2020/2021. One of these observations were within the 500m turbine buffer. On the 4th of November, 27 lesser black-backed gulls were recorded from VP6, flying for 270 seconds, comprising 15 seconds within 0–20 m and 255 seconds within 20–50 m.

One observation was outside the 500m turbine buffer, but within the site. On the 29th of December, four lesser black-backed gulls were recorded from VP7, flying for 47 seconds, including 12 seconds within 20–50 m and 35 seconds within 50–100 m.

All other observations were outside the site. On the 23rd of October, three lesser black-backed gulls were observed from VP7, flying for 50 seconds, including 37 seconds within the 50–100 m band and 13 seconds within 100–200 m. On the 26th of October, seven lesser black-backed gulls were recorded from VP8, flying for 90 seconds, comprising 15 seconds within 20–50 m and 75 seconds within 50–100 m. On the 4th of November, 60 lesser black-backed gulls were observed from VP14, with a total flight duration of 270 seconds, including 40 seconds within 0–20 m and 230 seconds within 20–50 m. On the 4th of December, five lesser black-backed gulls were recorded from VP7, flying for 17 seconds within the 20–50 m height band. On the 16th of December, six lesser black-backed gulls were observed from VP8, flying for 55 seconds, including 47 seconds within 20–50 m and 8 seconds within 50–100 m. Later on the same date, nine lesser black-backed gulls were noted from VP8, flying for 31 seconds within the 50–100 m height band.

Summer 2021

Lesser black-backed gulls were observed on 24 occasions during the summer 2021. Four of these observations were located within the 500m turbine buffer. On the 22nd of May, one lesser black-backed gull was observed from VP14, flying for 42 seconds within the 20–50 m height band. On the 15th of July, five lesser black-backed gulls were observed from VP14, flying for 60 seconds within the 20–50 m band. On the 10th of August, three lesser black-backed gulls were observed from VP14, flying for 102 seconds within the 20–50 m height band. On the 2nd of September a single gull was recorded flying for 245 seconds, including 5 seconds within 0–20 m, 15 seconds within 20–50 m, 42 seconds within 50–100 m, and 183 seconds within 100–200 m.

All other observations were located outside the 500m turbine buffer. On the 27th of April, one lesser black-backed gull was observed from VP1, flying for 53 seconds within the 0–20 m height band. A second individual was recorded later the same day from the same VP, flying for 56 seconds, including 40 seconds within 0–20 m and 16 seconds within 20–50 m. On the 5th of June, one lesser black-backed gull was recorded from VP7, flying for 60 seconds within the 0–20 m band, with notes that the gull was mobbed by black-headed gulls. On the 19th of June, one lesser black-backed gull was observed from VP8, flying for 25 seconds within the 20–50 m band. On the 6th of July, two lesser black-backed gulls were recorded from VP1, flying for 127 seconds, including 5 seconds within 0–20 m, 36 seconds within 20–50 m, and 86 seconds within 50–100 m.

On the 7th of July, one lesser black-backed gull was recorded from VP1, flying for 143 seconds, comprising 16 seconds within 0–20 m and 127 seconds within 20–50 m. Later the same day, seven gulls were observed from the same VP, flying for 33 seconds, including 3 seconds within 0–20 m, 4 seconds within 20–50 m, and 26 seconds within 50–100 m, with individuals dropping onto ponds from height. On the 10th of July, two lesser black-backed gulls were recorded from VP8, flying for 92 seconds within the 20–50 m height band. On the 15th of July, two gulls were recorded from the same VP14 on the same date, flying for 25 seconds within the 20–50 m band.

On the 4th of August, 11 lesser black-backed gulls were recorded from VP1, flying for 21 seconds within the 0–20 m band. Later that day, four gulls were recorded flying for 312 seconds, comprising 6 seconds within 0–20 m, 23 seconds within 20–50 m, 17 seconds within 50–100 m, 96 seconds within 100–200 m, and 170 seconds above 200 m. A further four gulls were observed flying for 375 seconds, including 4 seconds within 0–20 m, 31 seconds within 20–50 m, 45 seconds within 50–100 m, 230 seconds within 100–200 m, and 65 seconds above 200 m. Five gulls were also recorded that day, flying for 41 seconds, including 9 seconds within 0–20 m, 26 seconds within 20–50 m, and 6 seconds within 50–100 m. On the 5th of August, one lesser black-backed gull was recorded from VP1, flying for 77 seconds within the 0–20 m band. On the 2nd of September, one lesser black-backed gull was recorded from VP1, flying for 177 seconds, including 35 seconds within 20–50 m, 84 seconds within 50–100 m, and 58 seconds within 100–200 m. Later the same day, two gulls were observed from the same VP, flying for 34 seconds, comprising 12 seconds within 0–20 m and 22 seconds within 20–50 m. A flock of 15 gulls was also recorded, flying for 320 seconds, including 12 seconds within 20–50 m, 20 seconds within 50–100 m, 210 seconds within 100–200 m, and 78 seconds above 200 m. On the 11th of September, one lesser black-backed gull was recorded from VP4, flying for 28 seconds within the 20–50 m band. On the 25th of September, 30 lesser black-backed gulls were observed from VP8, flying for 39 seconds within the 20–50 m height band. On the same date, 47 gulls were observed from VP7, flying for 64 seconds, including 35 seconds within 0–20 m and 29 seconds within the 20–50 m band.

Winter 2021/2022

Lesser black-backed gull were observed on 27 occasions during the winter 2021/2022 VP surveys. Two of these observations were located within the 500m turbine buffer. On the 9th of October, 60 gulls were observed from VP14, flying for 50 seconds within the 20–50 m band. In January, 62 gulls were recorded from VP7 on the 3rd, flying for 137 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 10th of October, five gulls were recorded from VP1, flying for 37 seconds, including 5 seconds within 0–20 m, 21 seconds within 20–50 m, and 11 seconds within 50–100 m. On the 16th of October, four gulls were observed from VP1, flying for 34 seconds, including 9 seconds within 0–20 m and 25 seconds within 20–50 m. On the 17th of October, seven gulls were recorded from VP1, flying for 36 seconds, with 6 seconds within 0–20 m, 26 seconds within 20–50 m, and 4 seconds within 50–100 m, followed later that day by three gulls flying for 19 seconds, including 5 seconds within 0–20 m and 14 seconds within 20–50 m.

On the 23rd of October, 12 gulls were recorded from VP14, flying for 118 seconds within the 50–100 m band, and 17 gulls were observed from VP8, flying for 62 seconds within 20–50 m during a dusk watch. On the same date, 17 gulls were also noted from VP7, flying for 50 seconds, comprising 20 seconds within 0–20 m and 30 seconds within 20–50 m. On the 30th of October, another 17 gulls were observed from VP7, flying for 50 seconds, with 20 seconds within 0–20 m and 30 seconds within 20–50 m. In November, activity continued with 17 gulls recorded from VP7 on the 16th, flying for 98 seconds within the 50–100 m band. Later the same day, three gulls were observed flying for 100 seconds, and 13 gulls for 90 seconds, both entirely within the 50–100 m band.

On the 14th of December, 27 gulls were observed from VP2, flying for 382 seconds within the 50–100 m band. In December, 12 gulls were observed from VP1 on the 11th, flying for 101 seconds within the 50–100 m band. On the 23rd of December, 60 gulls were recorded from VP7, flying for 60 seconds, including 10 seconds within 0–20 m and 50 seconds within 20–50 m. On the same date, 48 gulls were observed from VP8, flying for 49 seconds within the 20–50 m band. On the 15th of January, 45 gulls were observed from VP8, flying for 72 seconds within 20–50 m, followed later that day by 200 gulls from VP7, flying for 270 seconds within the 50–100 m band. In February, five gulls were recorded from VP1 on the 9th, flying for 51 seconds within the 100–200 m band.

On the 27th, six gulls were observed from the same VP, flying for 148 seconds, also within the 100–200 m band. Large movements were also noted at other VPs, including 230 gulls from VP7 on the 25th, flying for 150 seconds within the 50–100 m band, three gulls from VP8 on the 5th, flying for 45 seconds within the 20–50 m band, and single gulls from VP7 on the same date flying for 146 seconds and 208 seconds, both within the 50–100 m height band. In March, 14 gulls were recorded from VP1 on the 5th, flying for 21 seconds within the 0–20 m band, followed later the same day by 14 gulls flying for 143 seconds within the 50–100 m band. On the 21st of March, a single gull was observed from the same VP, flying for 59 seconds within the 50–100 m height band.

Summer 2022

Lesser black-backed gull were observed on 21 occasions during the summer 2022 VP surveys. Three of these observations were located within the 500m turbine buffer. On the 19th of May, three gulls were observed from VP2, flying for 251 seconds within the 50–100 m height band. On the 20th, two gulls were recorded from VP14, flying for 102 seconds, entirely within the 20–50 m band. On the 21st of September, three gulls were recorded from VP2, flying for 188 seconds, entirely within the 20–50 m height band.

All other observations were located outside the 500m turbine buffer. 15th of April, when one gull was recorded from VP1, flying for 156 seconds within the 50–100 m band. Further records on the 21st of May included nine gulls from VP6, flying for 85 seconds within the 100–200 m band. On the 25th of May, five gulls were recorded from VP1, flying for 220 seconds within the 100–200 m height band. Additional June records included three gulls from VP1 on the 9th, flying for 306 seconds within the 50–100 m band, followed on the 27th by two gulls flying for 445 seconds and a single gull flying for 58 seconds, both within the 50–100 m height band. In July, two gulls were observed from VP1 on the 11th, flying for 183 seconds within the 50–100 m band. Later that month, on the 26th, one gull from VP1 flew for 63 seconds, comprising 20 seconds within 0–20 m and 43 seconds within 20–50 m. On the same date, six gulls were recorded from VP2, flying for 109 seconds within the 50–100 m band. In August, one gull was observed from VP1 on the 16th, flying for 144 seconds within the 50–100 m height band. Further observations on the 25th of August included six gulls from VP7, flying for 46 seconds, with 20 seconds within 0–20 m and 26 seconds within 20–50 m. On the same date, two gulls from VP7 flew for 144 seconds within 20–50 m, while at VP8, two gulls flew for 210 seconds, including 105 seconds within 0–20 m and 105 seconds within 50–100 m, and a further two gulls flew for 58 seconds within the 50–100 m band. On the 9th of September, two gulls were recorded from VP2, flying for 207 seconds within the 50–100 m band. On the 17th, 26 gulls were observed from VP1, flying for 130 seconds, including 30 seconds within 0–20 m and 100 seconds within 20–50 m. Later that day, 14 gulls flew for 35 seconds, with 10 seconds within 0–20 m and 25 seconds within 20–50 m, followed by 10 gulls flying for 181 seconds, including 10 seconds within 0–20 m, 31 seconds within 20–50 m, and 140 seconds within 50–100 m.

Winter 2022/2023

Lesser black-back gulls were observed on 37 occasions during the winter 2022/2023 VP surveys. On the 5th of November, 20 gulls were recorded from VP2, flying for 143 seconds, comprising 20 seconds (0–20 m) and 123 seconds (20–50 m). On the 8th of October, two flights were recorded from VP6, with 16 and 48 gulls flying for 74 seconds and 85 seconds, both within the 50–100 m band. On the 1st of October, 27 gulls were observed from VP6 flying for 65 seconds (20–50 m). On the 12th of November, one gull from VP14 flew for 268 seconds (20–50 m). In December, five gulls from VP6 on the 14th flew for 147 seconds (20–50 m). In March, 40 gulls from VP6 on the 14th flew for 159 seconds (50–100 m).

All other observations were located outside the 500m turbine buffer. On the 1st of October, nine gulls were observed from VP8 flying for 78 seconds (20–50 m), and 100 gulls from VP14 flying for 58 seconds (20–50 m). On the 2nd of October, one, three, and a further three gulls were recorded from VP1, flying for 77 seconds, 86 seconds, and 68 seconds respectively, the latter including 8 seconds (0–20 m) and 60 seconds (20–50 m).

On the 11th of October, two gulls from VP14 flew for 54 seconds (20–50 m). On the 13th, two groups of 11 gulls were recorded from VP1, flying for 73 seconds within 0–20 m, and 214 seconds including 14 seconds (0–20 m), 100 seconds (20–50 m) and 100 seconds (50–100 m).

On the 18th of October, three movements were noted from VP1, with 8, 12, and 14 gulls flying for 46, 38, and 28 seconds, all within the 0–20 m band. On the 22nd of October, one gull from VP7 flew for 109 seconds (50–100 m), and on the 23rd, 200 gulls from VP8 flew for 69 seconds (50–100 m). On the 4th of November, 20 gulls from VP1 flew for 43 seconds (0–20 m).

On the 27th of November, 80 gulls from VP1 flew for 255 seconds (50–100 m).

On the 23rd of December 60 gulls from VP7 flew for 60 seconds, including 10 seconds (0–20 m) and 50 seconds (20–50 m), followed by 48 gulls from VP8 flying for 49 seconds (20–50 m).

In January, seven gulls on the 14th from VP8 flew for 70 seconds, including 45 seconds (20–50 m) and 25 seconds (50–100 m). On the 29th, 14 gulls from VP8 flew for 65 seconds (20–50 m).

On the 20th of February, eight gulls from VP7 flew for 43 seconds, comprising 25 seconds (0–20 m) and 18 seconds (20–50 m), with birds noted taking off from on-site water. On the same date 9 gulls were observed from VP8 flying for 125 seconds, 31 gulls for 60 seconds, 14 gulls for 106 seconds, 49 gulls for 75 seconds, 28 for 58 seconds, and 115 gulls for 100 seconds, all within 20–50 m or 50–100 m. On the 8th of February, eight gulls from VP8 flying for 108 seconds, including 10 seconds (0–20 m), 88 seconds (20–50 m) and 10 seconds (50–100 m), with a further six gulls flying for 60 seconds (20–50 m).

On the 8th, eight gulls from VP7 flew for 190 seconds, comprising 160 seconds (0–20 m) and 30 seconds (20–50 m), followed on the 18th by two gulls from the same VP flying for 286 seconds, including 100 seconds (20–50 m) and 186 seconds (50–100 m). Two gulls from VP8 on the 8th flew for 41 seconds (20–50 m).

Summer 2023

Lesser black-backed gull was observed on 13 occasions during the summer 2023 VP surveys. Two of these observations were located inside the 500m turbine buffer. In July, one gull was recorded from VP7 on the 24th, flying for 206 seconds, including 118 seconds within 20–50 m, 30 seconds within 50–100 m, and 58 seconds within 100–200 m. On the 5th of September two gulls were observed from VP2, flying for 88 seconds within the 20–50 m band.

All other observations are located outside the 500m turbine buffer. On the 25th of March, three gulls were recorded from VP8, flying for 52 seconds within the 20–50 m band, and 28 gulls from VP7 flew for 315 seconds, including 52 seconds within 20–50 m and 263 seconds within 50–100 m. On the 28th of March, six gulls were recorded from VP1, flying for 76 seconds within the 20–50 m height band. In June, gull activity continued. On the 3rd, four gulls from VP4 flew for 136 seconds, comprising 20 seconds within 0–20 m, 40 seconds within 20–50 m, and 76 seconds within 50–100 m. That evening, seven gulls from VP7 flew for 151 seconds, followed by eight gulls flying for 184 seconds, both within the 20–50 m band. In August, 27 gulls were observed from VP1 on the 30th, flying for 188 seconds, including 18 seconds within 0–20 m and 170 seconds within 20–50 m. Later that day, 12 gulls flew for 35 seconds within the 0–20 m band. In September, further observations were made from VP1. On the 5th, eight gulls flew for 195 seconds, comprising 15 seconds within 0–20 m, 60 seconds within 20–50 m, and 120 seconds within 50–100 m; two gulls subsequently flew for 46 seconds within 0–20 m. On the 13th, seven gulls were observed flying for 73 seconds, including 10 seconds within 0–20 m and 63 seconds within 20–50 m.

Winter 2023/2024

Lesser black-backed gull were observed on 51 occasions during winter 2023/2024 VP surveys. Six of these observations were located within the 500m turbine buffer. On the 2nd of October, two gulls were recorded from VP2, flying for 130 seconds within the 50–100 m band. On the 23rd of December, 222 gulls were present at VP6, though no flight activity within collision-risk height bands was recorded. On the 4th of January, 8 gulls from VP14 flew for 127 seconds (20–50 m). On the 24th, four gulls from VP14 flew for 69 seconds (20–50 m). On the 3rd of March, 17 gulls from VP6 flew for 49 seconds (20–50 m).

All other observations were located outside the 500m turbine buffer. On the 2nd of October, when two gulls were recorded from VP2, flying for 130 seconds within the 50–100 m band. On the 3rd of October, several movements were noted from VP1, including 13 gulls flying for 85 seconds (20–50 m), 14 gulls flying for 34 seconds, comprising 10 seconds (0–20 m) and 24 seconds (20–50 m), and 26 gulls flying for 75 seconds (20–50 m). Additional early-season records included one gull from VP5 on the 5th, flying for 47 seconds (20–50 m), and one gull from VP8 on the 16th, flying for 28 seconds (20–50 m). Also on the 16th, 15 gulls from VP1 flew for 48 seconds (20–50 m), while one gull from VP7 flew for 47 seconds (20–50 m). On the 22nd of October, one gull from VP1 flew for 76 seconds (50–100 m), and two gulls from VP8 flew for 98 seconds (50–100 m). On the 30th of October, a single gull was recorded from VP4, flying for 67 seconds (20–50 m).

In November, activity increased. On the 10th, 24, 1, and 30 gulls were observed from VP8, flying for 68 seconds, 84 seconds, and 80 seconds respectively, all within the 20–50 m height band. On the 12th, two gulls from VP14 flew for 49 seconds (20–50 m). On the 14th, several large flocks were recorded from VP7, including 7 gulls flying for 102 seconds, 8 gulls for 91 seconds, 24 gulls for 100 seconds, 30 gulls for 153 seconds, and 29 gulls for 119 seconds, all within 20–50 m. That morning at VP8, 30 gulls flew for 57 seconds (20–50 m) and 9 gulls for 60 seconds (20–50 m). On the 27th of November, 80 gulls were recorded from VP1, flying for 255 seconds (50–100 m).

In December, observations included one gull from VP8 on the 9th flying for 118 seconds (50–100 m). On the 11th, four consecutive flights were recorded from VP7, comprising 10, 27, 32, and 37 gulls flying for 185 seconds, 204 seconds, 191 seconds, and 159 seconds respectively, all within 20–50 m. That same day, 6 and 3 gulls from VP14 flew for 86 seconds and 57 seconds. On the 23rd of December, 222 gulls were present at VP6, though no flight activity within collision-risk height bands was recorded, and three further flocks of 200, 12, 24, and 6 gulls were recorded from VP8, flying for 72, 55, 68, and 59 seconds respectively, all within 20–50 m.

On the 16th of January, two gulls from VP8 flew for 58 seconds (20–50 m). On the 27th, 123, 80, 16, and 172 gulls were recorded from VP7, flying for 108 seconds, 128 seconds, 100 seconds, and 130 seconds, all within 20–50 m or 50–100 m. On the same date, 16 gulls from VP8 flew for 79 seconds (20–50 m).

In February, single gull movements were noted at VP1 on the 12th, flying for 78 seconds (20–50 m). Earlier in the month, on the 1st, one gull from VP8 flew for 57 seconds (20–50 m), and at VP7, 55 and 70 gulls flew for 213 seconds and 175 seconds, both within 50–100 m.

The final observations occurred in March. On the 2nd, 40 gulls from VP7 flew for 199 seconds, including 31 seconds (0–20 m) and 168 seconds (20–50 m).

Summer 2024

Lesser black-backed gull were observed on 18 occasions during the summer 2024 VP surveys. One of these observations was located within the 500m turbine buffer. On the 19th of March, one gull was observed from VP6, flying for 65 seconds within the 20–50 m height band.

All other observations were located outside the 500m turbine buffer. On the 17th of March, three gulls were recorded from VP1, flying for 46 seconds, including 6 seconds within 0–20 m and 40 seconds within 20–50 m. In April, further movements were noted. On the 9th of April, four gulls from VP7 flew for 426 seconds within the 50–100 m height band. On the 22nd of April, one gull was recorded from VP1, flying for 43 seconds, comprising 13 seconds within 0–20 m and 30 seconds within 20–50 m. In May, a single gull was recorded from VP4 on the 8th, flying for 55 seconds within the 50–100 m band. On the 17th of March, three gulls were recorded from VP1, flying for 46 seconds, including 6 seconds within 0–20 m and 40 seconds within 20–50 m.

On the 19th of March, one gull from VP6 flew for 65 seconds within the 20–50 m band. Further activity continued into April. On the 9th of April, four gulls were observed from VP7, flying for 426 seconds within the 50–100 m height band. On the 22nd of April, one gull from VP1 flew for 43 seconds, comprising 13 seconds within 0–20 m and 30 seconds within 20–50 m. In May, a single gull was recorded from VP4 on the 8th, flying for 55 seconds within the 50–100 m band. In June, a juvenile gull was observed from VP1 on the 18th, flying for 16 seconds.

Several observations were made in July. On the 2nd, two juvenile gulls from VP1 flew for 25 seconds, including 15 seconds within 0–20 m. On the 11th, one adult gull from VP5 was noted soaring for 179 seconds. On the 29th, one adult from VP1 flew for 37 seconds, including 10 seconds within 0–20 m, and on the 30th, one gull from VP2 circled for 75 seconds.

In August, two adults were recorded from VP1 on the 12th, flying for 23 seconds, including 10 seconds within 0–20 m, followed by five gulls flying for 60 seconds. On the 25th, one gull from VP5 was noted commuting and soaring for 63 seconds, and six gulls on the same date were recorded soaring on wind for 107 seconds.

In September, three gulls from VP2 on the 4th flew for 255 seconds. On the 23rd, five gulls from VP1 flew for 45 seconds, and on the 28th, one gull from VP14 flew for 37 seconds and a further 14 gulls for 50 seconds.

Winter 2024/2025

Lesser black-backed gull were observed on 23 occasions during the winter 2024/2025. Four of these observations were located within the 500m turbine buffer.

The first observations occurred on the 27th of December, when several groups were recorded from VP14, including 3 gulls flying for 72 seconds, 8 gulls for 136 seconds, 6 gulls for 123 seconds, 6 gulls for 240 seconds, 1 gull for 83 seconds, 12 gulls for 53 seconds, and 10 gulls for 11 seconds, all commuting. Additional records that day included approximately 90 gulls flying for 170 seconds, and 7 gulls flying for 50 seconds.

In January, further movements were recorded from VP14 on the 15th, where 2 gulls flew for 51 seconds, 83 gulls for 112 seconds, 45 gulls for 80 seconds, and 22 gulls for 56 seconds, with birds variously commuting or circling over fields. On the 16th of January, 2 gulls were recorded from VP8, flying for 58 seconds. Later in the month, on the 27th, large gull movements were noted from VP7, including 123 gulls flying for 108 seconds, 80 gulls flying for 128 seconds, 16 gulls flying for 100 seconds, and 172 gulls flying for 130 seconds, as well as 16 gulls from VP8 flying for 79 seconds, all commuting.

In February, sustained commuting activity was observed from VP14 on the 2nd, where gulls were flying across the viewshed throughout the watch, including approximately 380 gulls flying for 200 seconds and 30 gulls flying for 45 seconds.

In March, additional observations were made from VP14 on the 9th, including 29 gulls flying for 400 seconds, 16 gulls flying for 54 seconds, 90 gulls circling with black-headed gulls for 300 seconds, and 30 gulls flying for 75 seconds. Later in the month, on the 24th, 28 gulls were recorded commuting from VP1, flying for 185 seconds.

4.2.19 Little Egret

Winter 2020/2021

Little egret were observed on 12 occasions during the winter 2020/2021 VP survey. All observations were outside the 500m turbine buffer. On the 26th of October 2020, one little egret was recorded from VP8, flying for 7 seconds within the 0–20 m height band. Two little egrets were again recorded from VP8, flying for 11 seconds within the 0–20 m band. On the 12th of November 2020, two little egrets were observed from VP7, flying for 10 seconds within the 0–20 m band. On the 26th of November 2020, two little egrets were recorded from VP1, flying for 3,600 seconds within the 0–20 m band, with notes that one bird moved from pool to pool while the second bird remained. On the 28th of November 2020, one little egret was recorded from VP1, flying for 10,800 seconds within the 0–20 m band, present on bog pools for three hours. On the 1st of December 2020, one little egret was observed from VP1 with no flight activity within CRM height bands, present at the edge of pools for three hours. On the 4th of December 2020, one little egret was recorded from VP7, flying for 9 seconds within the 0–20 m band. On the 16th of December 2020, one little egret was observed from VP8, flying for 9 seconds within the 0–20 m band. On the 23rd of January 2021, one little egret was recorded from VP4, flying for 92 seconds within the 20–50 m height band, flying over

Summer 2021

Little egret was observed on 25 occasions during the summer 2021 VP surveys. Eight observations were located within the 500m turbine buffer. On the 16th of April 2021, two little egrets were recorded from VP6, flying for a total of 87 seconds (34 s within 20–50 m, 53 s within 50–100 m). On the 22nd of May 2021, two little egrets were observed from VP14, flying for 57 seconds within the 50–100 m height band. On the 5th of June 2021, one little egret was recorded from VP14, flying for a total of 60 seconds (10 s within 20–50 m, 50 s within 50–100 m) while great egret and little egret were flying together. On the 19th of June 2021, three little egrets were observed from VP7, flying for 30 seconds within the 50–100 m band, disturbed by quad bikers. On the 2nd of July 2021, two little egrets were recorded from VP5, flying for 50 seconds within the 50–100 m height band. On the 2nd of August 2021, four little egrets were recorded from VP14, flying for a total of 38 seconds (20 s within 20–50 m, 18 s within 50–100 m). On the 10th of August 2021, two little egrets were observed from VP14, flying for 12 seconds within the 50–100 m band. On the 4th of September 2021, eleven little egrets were recorded from VP14, flying for a total of 60 seconds (30 s within 20–50 m, 30 s within 50–100 m).

All other observations were located outside the 500m turbine buffer. One little egret was observed from VP4 flying for 32 seconds within the 0–20 m height band on the 3rd of April 2021.Another little egret from VP4 flew for 10 seconds within the 0–20 m band on the 6th of May 2021, after five little egrets landed on a flooded area. One little egret was observed from VP7 flying for 93 seconds within the 0–20 m band on the 16th of April 2021. Another little egret from VP7 flew for 58 seconds within the 50–100 m band on the 5th of June 2021. A further little egret from VP7 was recorded on the 19th of June 2021 with no flight heights recorded. Another little egret from VP7 flew for a total of 212 seconds (30 s within 0–20 m, 182 s within 20–50 m) on the 10th of July 2021. One little egret from VP7 flew for 35 seconds within the 0–20 m band on the 2nd of August 2021. A further little egret from VP7 flew for a total of 42 seconds (33 s within 0–20 m, 9 s within 20–50 m) on the 17th of August 2021.

Another little egret from VP7 flew for 17 seconds within the 0–20 m band on the 25th of September 2021. One little egret was observed from VP1 flying for 23 seconds within the 0–20 m band on the 17th of May 2021. Another little egret from VP1 flew for 16 seconds within the 0–20 m band later on the 17th of May 2021. A further little egret from VP1 flew for 39 seconds within the 0–20 m band on the 15th of June 2021. Another little egret from VP1 flew for a total of 51 seconds (40 s within 0–20 m, 11 s within 20–50 m) on the 6th of July 2021 (max count of seven little egrets feeding in ponds). One little egret from VP1 flew for 16 seconds within the 0–20 m band on the 7th of July 2021. A further little egret from VP1 flew for 21 seconds within the 0–20 m band on the 4th of August 2021.

Another little egret from VP1 flew for 39 seconds within the 0–20 m band on the 5th of August 2021 (plus four little egrets on the ground). One little egret from VP1 flew for 24 seconds within the 0–20 m band later on the 5th of August 2021. Another little egret from VP1 flew for 19 seconds within the 0–20 m band on the 2nd of September 2021. A final little egret from VP1 flew for 26 seconds within the 0–20 m band on the 4th of September 2021.

Winter 2021/2022

Little egret was observed on 40 occasions during the winter 2021/2022 VP surveys. 10 of these observations were located within the 500m turbine buffer. On the 30th of October 2021, one little egret was recorded from VP6, flying for 130 seconds within the 50–100 m height band. On the 16th of November 2021, one little egret was observed from VP14, flying for 63 seconds within the 50–100 m band. On the 18th of December 2021, two little egrets were recorded from VP14, flying for 38 seconds within the 20–50 m band. On the 21st of December 2021, one little egret was recorded from VP2, flying for 97 seconds within the 20–50 m band. On the 3rd of January 2022, one little egret was observed from VP7, flying for 30 seconds within the 20–50 m band. On the 22nd of January 2022, one little egret was recorded from VP2, flying for 34 seconds within the 20–50 m band. On the 22nd of January 2022, one little egret was again recorded from VP2, flying for 7 seconds within the 20–50 m band. On the 28th of January 2022, two little egrets were observed from VP6, flying for 62 seconds within the 20–50 m band. On the 11th of February 2022, one little egret was recorded from VP2, flying for 12 seconds within the 20–50 m band. On the 1st of March 2022, one little egret was observed from VP2, flying for 20 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. One little egret was observed flying for 19 seconds (5 s within 0–20 m and 14 s within 20–50 m) on the 10th of October, followed by another flying for 14 seconds (3 s within 0–20 m and 11 s within 20–50 m) on the 16th of October. Further little egrets were recorded from this viewpoint on the 30th of October (30 seconds, 5 s within 0–20 m and 25 s within 20–50 m), the 2nd of December (5 seconds within 0–20 m), the 19th of December (17 seconds within 0–20 m), and the 28th of December, when three separate birds flew for 25 seconds, 29 seconds, and 97 seconds, all within the 0–20 m band. Additional activity at VP1 continued into early 2022, with birds flying for 53 seconds, 13 seconds, and 8 seconds (all within 0–20 m) on the 9th of February, and for 8 seconds, 120 seconds, and 28 seconds on the 27th of February and 5th of March, followed by 34 seconds, 13 seconds, and 67 seconds on the 21st of March, all within the 0–20 m or 20–50 m bands.

At VP4, one little egret was recorded flying for 10 seconds within the 0–20 m band on the 13th of October. At VP6, a single bird flew for 130 seconds within the 20–50 m band on the 30th of October. At VP7, one little egret flew for 71 seconds (14 s within 0–20 m and 57 s within 20–50 m) on the 9th of October, followed by additional flights of 30 seconds, 67 seconds, and 41 seconds, all within the 0–20 m band, on the 7th of November, 4th of December, and 5th of February, respectively.

Summer 2022

Little egret were observed on 35 occasions during the summer 2022 VP surveys. Four of these were inside the 500m turbine buffer. During Summer 2022, little egret was recorded regularly. On 21 May, one little egret from VP14 flew for 57 seconds within the 50–100 m height band. On 4 June, one little egret from VP14 flew for 50 seconds within the 50–100 m band. Activity increased in July at VP7: on 2 July, five little egrets flew for a total of 102 seconds (44 s within 20–50 m, 58 s within 50–100 m), and on 9 July, twelve little egrets flew for a total of 103 seconds (10 s within 20–50 m, 93 s within 50–100 m).

All other observations were located outside the 500m turbine buffer. On the 3rd of April, one little egret was observed from VP1 flying for 146 seconds within the 0–20 m band, after being mobbed by hooded crows, and later that same day one little egret was observed flying for 48 seconds within the 20–50 m band. On the 18th of May, two little egrets were observed flying for 11 seconds within the 0–20 m band. On the 9th of June, two little egrets were observed flying for 11 seconds within the 0–20 m band, followed later that day by one little egret flying for 19 seconds within 0–20 m, one little egret for 48 seconds within 0–20 m, and one little egret for 33 seconds within 0–20 m. On the 27th of June, four little egrets were observed flying for 14 seconds within the 0–20 m band, followed later by one little egret for 12 seconds within the 0–20 m band, and a further six little egrets displaying over the area and flying for 13 seconds within the 0–20 m band. On the 11th of July, four little egrets were observed flying for 7 seconds within the 0–20 m band, and on the 26th of July, one little egret was observed flying for 14 seconds within the 0–20 m band. On the 9th of August, two little egrets were observed flying for 23 seconds within the 0–20 m band. On the 16th of August, two little egrets were observed flying for 8 seconds within the 0–20 m band, followed the same day by one little egret flying for 12 seconds within the 0–20 m band and one little egret for 41 seconds within the 0–20 m band. On the 5th of September, two little egrets were observed flying for 12 seconds within the 0–20 m band, followed later that day by two little egrets flying for 45 seconds within the 0–20 m band. On the 17th of September, one little egret was observed flying for 7 seconds within the 0–20 m band, and two little egrets for 40 seconds within the 0–20 m band.

On the 26th of March, one little egret was observed from VP7 flying for 137 seconds, including 24 seconds within the 0–20 m band and 113 seconds within the 20–50 m band. On the 7th of May, one little egret was observed flying for 38 seconds, with 5 seconds within the 0–20 m band and 33 seconds within the 20–50 m band, and on the 14th of May, one little egret was observed flying for 28 seconds within the 0–20 m band. On the 12th of June, two little egrets were observed flying for 81 seconds, including 32 seconds within the 0–20 m band and 49 seconds within the 20–50 m band, followed later that day by two little egrets flying for 45 seconds, with 25 seconds within the 0–20 m band and 20 seconds within the 20–50 m band. On the 20th of August, one little egret was observed flying for 47 seconds within the 0–20 m band, followed later by one little egret flying for 16 seconds within the 0–20 m band.

On the 30th of July, thirteen little egrets were observed from VP14 flying for 72 seconds, including 12 seconds within the 0–20 m band and 60 seconds within the 20–50 m band. On the 29th of August, three little egrets were observed flying for 56 seconds within the 0–20 m band.

On the 13th of June, one little egret was observed from VP4 flying for 66 seconds within the 0–20 m band. On the 4th of July, one little egret was observed flying for 64 seconds within the 0–20 m band.

Winter 2022/2023

Little egret was observed on 26 occasions, with six of these located within the 500m turbine buffer. On the 3rd of October 2022, one little egret was observed from VP2 flying for 53 seconds within the 0–20 m band. On the 13th of October 2022, one little egret was observed from VP2 flying for 8 seconds within the 0–20 m band. On the 16th of November 2022, one little egret was observed from VP2 flying for 128 seconds within the 0–20 m band. On the 4th of December 2022, one little egret was observed from VP2 flying for 26 seconds within the 0–20 m band. On the 20th of February 2023, one little egret was observed from VP2 flying for 10 seconds within the 0–20 m band. On the 22nd of March 2023, one little egret was observed from VP2 flying for 24 seconds within the 0–20 m band.

All other observations were outside the 500m turbine buffer. At VP1, activity began on the 2nd of October, when one little egret was observed flying for 21 seconds within the 0–20 m band. This was followed on the 13th of October by one little egret flying for 17 seconds within the 0–20 m band, and later that same day another little egret flying for 19 seconds within the 0–20 m band. On the 18th of October, two little egrets were observed flying for 22 seconds within the 0–20 m band. Later in the season, one little egret on the 27th of November flew for 12 seconds within the 0–20 m band, followed in the new year by one little egret flying for 27 seconds on the 9th of January, and another flying for 26 seconds on the 23rd of January, both within the 0–20 m band. February and March also saw additional movements, including one little egret flying for 8 seconds on the 7th of February, two little egrets flying for 44 seconds on the 19th of February, one little egret flying for 26 seconds on the 6th of March, and finally two little egrets flying for 36 seconds on the 23rd of March, all within the 0–20 m band.

At VP7, two little egrets were observed on the 11th of October flying for 40 seconds within the 0–20 m band, followed by two little egrets flying for 20 seconds within the 0–20 m band on the 22nd of October. Early March held multiple observations: on the 8th of March, groups of eight little egrets flew for 10 seconds and 25 seconds respectively, both within the 0–20 m band. On the 18th of March, five little egrets struggling into the wind were observed flying for 127 seconds, with 43 seconds within the 0–20 m band and 84 seconds within the 20–50 m band, followed later that day by one little egret flying for 95 seconds within the 0–20 m band.

Additional observations were recorded at VP4, beginning on the 17th of November, when one little egret was observed flying for 48 seconds, including 10 seconds within the 0–20 m band and 38 seconds within the 20–50 m band, accompanied by a heron entering the rewetted area. Later the same day, one little egret was observed flying for 52 seconds within the 0–20 m band. The final VP4 record occurred on the 2nd of March, when one little egret was observed flying for 13 seconds within the 0–20 m band.

Summer 2023

Little egret were observed on 33 occasions during the summer 2023 VP surveys. Six of which were located within the 500m turbine buffer. On the 27th of March 2023, one little egret was observed from VP14 flying for 34 seconds within the 20–50 m band. On the 28th of March 2023, one little egret was observed from VP2 flying for 21 seconds within the 20–50 m band. This was followed on the 3rd of April 2023, when one little egret was observed from VP2 flying for 16 seconds within the 20–50 m band. During summer, activity continued at VP2. On the 5th of May 2023, one little egret was observed flying for 51 seconds, including 51 seconds within the 50–100 m band. Later in the season, on the 12th of September 2023, one little egret was observed flying for 23 seconds within the 50–100 m band, followed later the same day by one little egret flying for 15 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. At VP1, two little egrets were observed flying for 28 seconds within the 0–20 m band on the 28th of March, followed on the 6th of April by two little egrets observed flying for 31 seconds within the same band. On the 13th of April, two little egrets were observed flying for 24 seconds within the 0–20 m band, and later that day one little egret was observed flying for 220 seconds within the 20–50 m band. Further movement at this vantage point included three little egrets observed flying for 186 seconds within the 20–50 m band on the 25th of April, and on the 9th of May one little egret observed flying for 15 seconds within the 0–20 m band followed shortly afterwards by another flying for 23 seconds. Mid-summer records included one little egret observed flying for 46 seconds within the 0–20 m band and later two observed flying for 25 seconds on the 13th of July, followed by two little egrets observed flying for 19 seconds on the 25th of July. Late-season activity included one little egret observed flying for 36 seconds on the 24th of August, followed later that day by two little egrets observed flying for 65 seconds, with 15 seconds within the 0–20 m band and 50 seconds within the 20–50 m band. On the 30th of August, two little egrets were observed flying for 38 seconds within the 0–20 m band, and early autumn records included one little egret observed flying for 15 seconds on the 5th of September, and two little egrets observed flying for 17 seconds on the 13th of September, all within the 0–20 m band.

Activity at VP4 included one little egret observed flying for 6 seconds within the 0–20 m band on the 21st of March, and one observed flying for 38 seconds on the 3rd of June. A notable series of flights occurred on the 5th of July, when one little egret was observed flying for 181 seconds, with 44 seconds within the 0–20 m band and 137 seconds within the 20–50 m band, followed later by two little egrets observed flying for 62 seconds within the 0–20 m band. The final VP4 observation occurred on the 31st of August, when one little egret was observed flying for 9 seconds within the 0–20 m band.

At VP7, two little egrets were observed flying for 106 seconds within the 0–20 m band on the 18th of April, followed later by one little egret flying for 62 seconds, with 28 seconds within the 0–20 m band and 34 seconds within the 20–50 m band, and later still by two little egrets observed flying for 72 seconds, with 56 seconds within the 0–20 m band and 16 seconds within the 20–50 m band. Additional activity at this viewpoint included one little egret observed flying for 18 seconds on the 8th of May, one flying for 38 seconds on the 19th of May, two little egrets flying for 124 seconds within the 20–50 m band on the 3rd of June, and one little egret observed flying for 48 seconds within the 0–20 m band on the 1st of July.

Winter 2023/2024

Little egret were observed on 27 occasions during the winter 2023/2024 VP surveys. 13 of which were located within the 500m turbine buffer. On the 21st of November 2023, one little egret was observed from VP2 flying for 17 seconds within the 20–50 m band, and later the same day one little egret was again observed flying for 34 seconds within the 20–50 m band. On the 14th of December 2023, two little egrets were observed from VP2 flying for 23 seconds within the 20–50 m band. This was followed on the 29th of December 2023, when one little egret was observed from VP2 flying for 18 seconds within the 20–50 m band. One little egret was observed from VP2 on the 10th of January 2024, flying for 14 seconds within the 20–50 m band, and later that same day another little egret was observed flying for 38 seconds within the 20–50 m band. On the 30th of January 2024, one little egret was observed from VP2 flying for 12 seconds within the 20–50 m band.

On the 4th of January 2024, one little egret was observed from VP14 flying for 21 seconds within the 50–100 m band, and on the 9th of January 2024, one little egret was observed from VP5 flying for 46 seconds within the 50–100 m band. One little egret was observed from VP2 flying for 22 seconds within the 20–50 m band on the 7th of February 2024, followed later the same day by two little egrets observed flying for 31 seconds within the 20–50 m band. On the 11th of March 2024 one little egret was observed from VP2 flying for 23 seconds within the 20–50 m band, and later that day one little egret was observed flying for 44 seconds, with 20 seconds within the 20–50 m band and 24 seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer. At VP1, five little egrets were observed flying for 12 seconds within the 0–20 m band on the 22nd of October 2023, and on the 16th of October 2023, one little egret was observed flying for 26 seconds within the 0–20 m band, followed later the same day by another observed flying for 14 seconds. Further activity at VP1 included one little egret observed flying for 16 seconds on the 7th of November 2023, and one little egret flying for 8 seconds on the 27th of November 2023, all within the 0–20 m band. In early winter, two little egrets were observed flying for 16 seconds within the 0–20 m band on the 11th of December 2023, followed later by one little egret flying for 56 seconds within the 50–100 m band on the 18th of December 2023. One little egret was observed flying for 10 seconds within the 0–20 m band on the 19th of February 2024, and one little egret flew for 9 seconds within the 0–20 m band on the 24th of March 2024, followed later the same day by one little egret flying for 28 seconds.

On the 25th of November 2023 one little egret was observed from VP7 flying for 28 seconds within the 0–20 m band. On the 11th of December 2023, two little egrets were observed flying for 19 seconds within the 0–20 m band, and on the 23rd of December 2023, two little egrets were observed flying for 153 seconds, with 59 seconds within the 0–20 m band and 94 seconds within the 20–50 m band.

Activity at VP5 included one little egret observed flying for 46 seconds within the 50–100 m band on the 9th of January 2024, while VP14 recorded one little egret on the 4th of January 2024 observed flying for 21 seconds within the 50–100 m band. At VP8, two little egrets on the 2nd of March 2024 were observed flying for 79 seconds within the 50–100 m band.

Finally, at VP2, one little egret observed flying for 23 seconds within the 20–50 m band on the 11th of March 2024, and later that same day one little egret observed flying for 44 seconds, with 20 seconds within the 20–50 m band and 24 seconds within the 50–100 m band.

Summer 2024

Little egret were observed on 31 occasions during the summer 2024 VP surveys. Five of which were located within the 500m turbine buffer.

On the 8th of March 2024, one little egret was observed from VP7 flying for 28 seconds, including 10 seconds within the 0–20 m band and 18 seconds within the 20–50 m band. Later in the year, on the 30th of July 2024, one little egret was observed from VP2 flying for 8 seconds, although the height band was not recorded. On the 13th of August 2024, two little egrets were observed from VP2 flying for 28 seconds, with the height band not recorded, and on the same day at VP5, one little egret was observed flying for 30 seconds, also with the height band not recorded. The final observation for the season occurred on the 4th of September 2024, when one little egret was observed from VP2 flying for 23 seconds, with the height band not recorded.

All other observations were located outside the 500m turbine buffer. At VP1, two little egrets were observed flying for 35 seconds on the 12th of March, with 15 seconds within the 0–20 m band and 20 seconds within the 20–50 m band, followed later the same day by two little egrets observed flying for 23 seconds within the 20–50 m band. On the 17th of March, three little egrets were observed flying for 28 seconds within the 0–20 m band. Further movements at VP1 included one little egret observed flying for 33 seconds on the 19th of April within the 0–20 m band, and another observed flying for 21 seconds later that same day within the 0–20 m band. In late spring, one little egret was observed flying for 23 seconds within the 0–20 m band on the 30th of May, followed later by another observed flying for 34 seconds within the 0–20 m band. Additional flights included one little egret observed flying for 11 seconds on the 8th of June, one observed flying for 17 seconds on the 3rd of April within the 20–50 m band, and one observed flying for 15 seconds on the 2nd of July within the 0–20 m band.

At VP2, one little egret was observed flying for 42 seconds within the 20–50 m band on the 3rd of April.

At VP4, notable activity occurred on the 19th of April, when one little egret was observed flying for 91 seconds, with 84 seconds within the 20–50 m band and 7 seconds within the 50–100 m band. Additional observations at VP4 included one little egret flying for 42 seconds within the 20–50 m band on the 8th of May, followed later that day by one observed flying for 36 seconds within the 20–50 m band, and on the 10th of April, one little egret observed flying for 38 seconds within the 20–50 m band. Later in the season, on the 7th of August, one little egret was observed flying for 12 seconds while moving between feeding sites.

On the 9th of September at VP7, one little egret was observed flying for 25 seconds, with 20 seconds within the 20–50 m band. Additional flights at VP7 included two little egrets observed flying for 42 seconds on the 4th of September, with 10 seconds within the 20–50 m band. Earlier in the season, one little egret was observed flying for 9 seconds on the 29th of July, and one observed flying for 42 seconds on the 18th of June, while on the 11th of June, one little egret was observed flying for 11 seconds. At VP8, one little egret was observed flying for 42 seconds on the 4th of September, with 10 seconds within the 20–50 m band.

Winter 2024/2025

Little egret were observed on 18 occasions during the summer 2024 VP surveys. Nine of which were located within the 500m turbine buffer. On the 3rd of October 2024, one little egret was observed from VP2 flying for 10 seconds within the 20–50 m band. Later that month, on the 28th of October 2024, two little egrets were observed from VP2 flying for 32 seconds within the 20–50 m band, and on the 23rd of October 2024, one little egret was observed again from VP2 flying for 15 seconds within the 20–50 m band. One little egret was observed from VP2 on the 24th of November 2024, flying for 24 seconds within the 20–50 m band, followed by one little egret observed on the 26th of November 2024 flying for 38 seconds within the 20–50 m band, and later that same day one little egret flying for 22 seconds within the 20–50 m band. On the 28th of November 2024, one little egret was observed flying for 27 seconds within the 20–50 m band. One little egret was observed from VP2 on the 18th of December 2024, flying for 23 seconds within the 20–50 m band. Finally, on the 10th of March 2025, one little egret was observed from VP2 flying for 8 seconds within the 20–50 m band. All observations were noted as commuting.

All other observations were located outside the 500m turbine buffer. At VP1, one little egret was observed flying for 22 seconds within the 0–20 m band on the 20th of November 2024, followed by 32 seconds within the 20–50 m band on the 25th of November 2024 and 24 seconds within the 20–50 m band on the 10th of December 2024. One little egret was observed flying for 8 seconds within the 20–50 m band on the 9th of March 2025, and later that day one little egret was observed flying for a total of 23 seconds, with 18 seconds within the 0–20 m band and 5 seconds within the 20–50 m band. One little egret was observed flying for 14 seconds within the 20–50 m band on the 20th of March 2025 and one little egret was observed flying for 16 seconds within the 20–50 m band on the 24th of March 2025. At VP4, one little egret was observed foraging pond-to-pond on the 23rd of October 2024, flying for 22 seconds within the 20–50 m band. At VP7, one little egret was observed commuting on the 26th of October 2024, flying for 23 seconds within the 0–20 m band.

4.2.20 Long-eared Owl

There were no records of the green-listed long-eared owl during all winter and summer VPs surveys.

4.2.21 Mallard

Winter 2020/2021

Five mallard observations located within the 500m turbine buffer.

On the 1st of December 2020, one mallard was observed from VP2 flying for 10 seconds within the 20–50 m band.

On the 22nd of February 2021, two mallards were observed from VP2 flying for 10 seconds within the 20–50 m band (ducks moving), followed later the same day by four mallards observed flying for 15 seconds within the 20–50 m band (between pools). On the 6th of March at VP2, three mallards were observed flying for 20 seconds, including 5 seconds within the 0–20 m band, 5 seconds within the 20–50 m band, and 10 seconds within the 50–100 m band, three mallards observed flying for 5 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 2nd of March 2021, two mallards were observed from VP1 flying for 15 seconds, including 5 seconds within the 0–20 m band and 10 seconds within the 20–50 m band (landed on pools). On the 6th of March 2021, one mallard was observed from VP1 flying for 35 seconds, with 5 seconds within the 0–20 m band, 5 seconds within the 20–50 m band, 5 seconds within the 50–100 m band, and 20 seconds within the 100–200 m band (flew from pools toward the hill). On the 6th of March three mallards were observed for 20 seconds with the same band split. later the season concluded on the 7th of March 2021, when two mallards were observed from VP7 flying for 15 seconds within the 20–50 m band.

Summer 2021

Three mallard were observed within the 500m turbine buffer. On the 21st of April 2021, two mallards were observed from VP2 flying for 12 seconds within the 0–20 m band. On the 9th of April 2021, three male mallards were observed from VP5 flying for 147 seconds, including 22 seconds within the 20–50 m band and 125 seconds within the 50–100 m band. On the 16th of April, seven mallards were observed from VP6 flying for 58 seconds within the 20–50 m band.

All other observations were outside the 500m turbine buffer. On the 4th of April 2021, five mallards were observed from VP4 flying for 117 seconds, including 25 seconds within the 0–20 m band, 73 seconds within the 20–50 m band, and 19 seconds within the 50–100 m band, and later the same day four mallards were observed flying for 43 seconds, with 34 seconds within the 0–20 m band and 9 seconds within the 20–50 m band. on the same 9th of April five mallards were observed from VP7 flying for 65 seconds, with 20 seconds within the 0–20 m band and 45 seconds within the 20–50 m band. On the 16th of April 2021, six mallards were observed from VP7 flying for 79 seconds, including 10 seconds within the 0–20 m band and 69 seconds within the 20–50 m band. On the 18th of April 2021, two mallards were observed from VP7 flying for 26 seconds, including 16 seconds within the 0–20 m band and 10 seconds within the 20–50 m band. On the 26th of April 2021 by two mallards from VP2 flying for 25 seconds within the 0–20 m band, and later two mallards from VP1 flying for 21 seconds within the 0–20 m band.

In late summer, on the 17th of August 2021, forty mallards were observed from VP7 flying for 30 seconds, with 10 seconds within the 0–20 m band and 20 seconds within the 20–50 m band, and later the same day sixty mallards were observed from VP4 flying for 30 seconds within the 0–20 m band. The season concluded on the 11th of September 2021, when sixty mallards were observed from VP4 flying for 110 seconds, including 14 seconds within the 0–20 m band and 96 seconds within the 20–50 m band.

Winter 2021/2022

Two observations of mallard were located within the 500m turbine buffer. Two mallards were observed on the 1st of March 2022 from VP2 flying for 21 seconds within the 0–20 m band, and three mallards on the 16th of March 2022 from VP2 flying for 4 seconds within the 0–20 m band.

All other observations were outside the 500m turbine buffer. On the 2nd of October 2021, sixty mallards were observed from VP4 flying for 120 seconds, with 60 seconds within the 0–20 m band and 60 seconds within the 20–50 m band. On the 13th of November 2021, twenty mallards were observed from VP4 flying for 54 seconds, including 10 seconds within the 0–20 m band and 44 seconds within the 20–50 m band, with immature individuals noted. On the 19th of December 2021, two mallards were observed from VP1 flying for 141 seconds within the 20–50 m band, followed on the 21st of December 2021 by two mallards from VP2 flying for 21 seconds within the 20–50 m band, and on the 28th of December 2021 two mallards from VP1 flying for 82 seconds within the 20–50 m band. Moving into the new year, on the 17th of January 2022, two mallards were observed from VP1 flying for 72 seconds within the 20–50 m band; on the 20th of January 2022, two mallards from VP2 flew for 19 seconds within the 0–20 m band; and on the 22nd of January 2022, two mallards from VP1 were observed flying for 12 seconds within the 0–20 m band, two mallards from VP2 for 21 seconds within the 20–50 m band, and forty mallards from VP4 for 120 seconds within the 20–50 m band, with numbers and time estimated. On the 9th of February 2022, two mallards were observed from VP1 flying for 48 seconds within the 20–50 m band, followed on the 23rd of February 2022 by two mallards from VP2 flying for 17 seconds within the 20–50 m band.

Summer 2022

14 mallard observations are located within the 500m turbine buffer. On the 9th of April 2022, six mallards were observed from VP2 flying for 146 seconds within the 20–50 m band. On the 16th of April 2022, two mallards were observed from VP2 flying for 12 seconds within the 0–20 m band, and later the same day two mallards were observed flying for 8 seconds within the 0–20 m band.

Into May, on the 7th of May 2022, four mallards were observed from VP5 flying for 216 seconds, including 7 seconds within the 0–20 m band, 44 seconds within the 20–50 m band, and 165 seconds within the 50–100 m band (3 male and 1 female noted); on the same date at VP14, four mallards were observed flying for 60 seconds within the 50–100 m band. On the 8th of May 2022, two mallards were observed from VP4 flying for 99 seconds, with 24 seconds within the 0–20 m band, 55 seconds within the 20–50 m band, and 20 seconds within the 50–100 m band. On the 19th of May 2022, one female mallard was observed from VP2 flying for 12 seconds within the 0–20 m band.

In June, on the 15th of June 2022, one mallard was observed from VP2 flying for 68 seconds within the 50–100 m band, and on the 25th of June 2022, four mallards were observed from VP14 flying for 49 seconds within the 50–100 m band.

In late summer, on the 20th of August 2022, sixty mallards were observed from VP7 flying for 40 seconds, including 10 seconds within the 0–20 m band and 30 seconds within the 20–50 m band (mallards nesting on the north-west lake edge). On the 24th of August 2022, two mallards were observed from VP2 flying for 26 seconds within the 0–20 m band. On the 28th of August 2022, thirty-two mallards were observed from VP4 flying for 215 seconds, with 85 seconds within the 20–50 m band and 130 seconds within the 50–100 m band (flushed by a walker with two hunting dogs). On the 3rd of September 2022, one mallard was observed from VP6 flying for 26 seconds within the 50–100 m band (tufted duck flying with mallard), and on the 9th of September 2022, one mallard was observed from VP2 flying for 12 seconds within the 0–20 m band.

All other observations were located outside the 500m turbine buffer. On the 15th of April 2022 at VP1, two mallards were observed flying for 12 seconds within the 0–20 m band. During early summer on the 9th of June 2022, one female mallard was observed flying for 94 seconds within the 0–20 m band. Later that month, on the 27th of June 2022, one mallard was observed flying for 11 seconds within the 20–50 m band. Mid-summer activity continued on the 26th of July 2022, when two mallards were observed flying for 23 seconds within the 0–20 m band, and on the 9th of August 2022, four mallards were observed flying for 23 seconds within the 0–20 m band.

On the 8th of May 2022 at VP4, five mallards were observed flying for 79 seconds, including 57 seconds within the 0–20 m band and 22 seconds within the 20–50 m band; on the same date three mallards were observed flying for 17 seconds within the 20–50 m band, and later three mallards were observed flying for 44 seconds within the 0–20 m band. On the 4th of July 2022, three mallards were observed flying for 32 seconds, with 12 seconds within the 0–20 m band and 20 seconds within the 20–50 m band. At the end of August on the 28th of August 2022, two mallards were observed flying for 20 seconds within the 0–20 m band, three mallards were observed flying for 56 seconds with 42 seconds within the 0–20 m band and 14 seconds within the 20–50 m band, and seven mallards were observed flying for 47 seconds within the 0–20 m band.

On the 7th of May 2022 at VP7, two mallards were observed flying for 25 seconds, including 15 seconds within the 0–20 m band and 10 seconds within the 20–50 m band. On the 14th of May 2022, twelve mallards were observed flying for 94 seconds, with 32 seconds within the 0–20 m band and 62 seconds within the 20–50 m band. In early July on the 2nd of July 2022, one mallard was observed flying for 12 seconds within the 0–20 m band, followed on the 9th of July 2022 by twelve mallards observed flying for 45 seconds, including 25 seconds within the 0–20 m band and 20 seconds within the 20–50 m band. Late in the season, on the 25th of August 2022, two mallards (male and female) were observed flying for 32 seconds, with 10 seconds within the 0–20 m band and 22 seconds within the 20–50 m band, with two juvenile sparrowhawks noted. The final movement at this viewpoint was on the 13th of September 2022, when one hundred mallards were observed flying for 165 seconds, including 35 seconds within the 0–20 m band, 110 seconds within the 20–50 m band, and 20 seconds within the 50–100 m band.

Winter 2022/2023

13 observations were located within the 500m turbine buffer. On the 8th of October 2022, six mallards were observed from VP6 flying for 24 seconds within the 20–50 m band. On the 18th of October 2022, two mallards were observed from VP2 flying for 14 seconds within the 20–50 m band. On the 24th of October 2022, eight mallards were observed from VP6 flying for 50 seconds within the 50–100 m band. On the 5th of November 2022, two mallards were observed from VP2 flying for 128 seconds within the 50–100 m band. On the 13th of November 2022, twenty mallards were observed from VP4 flying for 54 seconds, including 10 seconds within the 0–20 m band and 44 seconds within the 20–50 m band, with immature birds noted. On the 15th of November 2022, two mallards were observed from VP6 flying for 24 seconds within the 20–50 m band. On the 27th of November 2022, four mallards were observed from VP2 flying for 43 seconds within the 50–100 m band.

On the 17th of December 2022, eleven mallards were observed from VP7 flying for 132 seconds, including 32 seconds within the 20–50 m band and 100 seconds within the 50–100 m band. On the 10th of January 2023, eight mallards were observed from VP14 flying for 55 seconds, including 10 seconds within the 0–20 m band and 45 seconds within the 20–50 m band. On the 23rd of January 2023, two mallards were observed from VP2 flying for 38 seconds within the 50–100 m band. On the 11th of February 2023, three mallards were observed from VP5 flying for 40 seconds within the 50–100 m band, and three mallards were observed from VP6 with no recorded flight within CRM height bands. The season concluded on the 14th of March 2023, when three mallards were observed from VP6 flying for 114 seconds, with 50 seconds within the 20–50 m band and 64 seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer. On the 13th of October 2022 at VP1, two mallards were observed flying for 28 seconds within the 50–100 m band. Later in the season, on the 6th of March 2023, two mallards were observed flying for 46 seconds within the 0–20 m band.

On the 6th of October 2022 at VP4, four mallards were observed flying for 35 seconds within the 0–20 m band. On the 8th of November 2022, two mallards were observed flying for 25 seconds within the 50–100 m band, followed by thirty mallards on the 17th of November 2022 flying for 50 seconds within the 50–100 m band. Into spring, on the 2nd of March 2023, seven mallards were observed flying for 150 seconds, including 15 seconds within the 0–20 m band and 135 seconds within the 20–50 m band; later the same day twenty-four mallards were observed flying for 50 seconds within the 50–100 m band, and four mallards were observed flying for 34 seconds, with 8 seconds within the 0–20 m band and 26 seconds within the 20–50 m band.

On the 5th of November 2022 at VP7, two mallards were observed flying for 218 seconds within the 50–100 m band. In late winter on the 20th of February 2023, two mallards were observed flying for 145 seconds, including 85 seconds within the 0–20 m band and 60 seconds within the 20–50 m band; later the same day another two mallards were observed flying for 82 seconds, with 52 seconds within the 0–20 m band and 30 seconds within the 20–50 m band; and three mallards were observed flying for 58 seconds, including 40 seconds within the 0–20 m band and 18 seconds within the 20–50 m band. On the 8th of March 2023, three mallards were observed flying for 102 seconds, including 37 seconds within the 0–20 m band and 65 seconds within the 20–50 m band, and on the 18th of March 2023, four mallards were observed flying for 63 seconds within the 0–20 m band.

Summer 2023

19 observations of mallard were located within the 500m turbine buffer. On the 25th of March 2023, three mallards were observed from VP6 flying for 70 seconds within the 50–100 m band. On the 27th of March 2023, four mallards were observed from VP14 flying for 50 seconds within the 50–100 m band. On the 30th of March 2023, three mallards were observed from VP6 flying for 72 seconds, including 36 seconds within the 20–50 m band and 36 seconds within the 50–100 m band; on the same date at VP14, four mallards were observed flying for 128 seconds, with 20 seconds within the 20–50 m band and 108 seconds within the 50–100 m band, followed later by three mallards flying for 62 seconds, including 10 seconds within the 20–50 m band and 52 seconds within the 50–100 m band. On the 4th of March 2023, two mallards were observed from VP2 flying for 26 seconds within the 20–50 m band.

Moving into summer, on the 29th of April 2023, two mallards were observed from VP5 flying for 26 seconds within the 50–100 m band, and later the same day three mallards were observed from VP14 flying for 103 seconds within the 50–100 m band. On the 5th of May 2023, two mallards were observed from VP2 flying for 36 seconds within the 20–50 m band, and on the 19th of May 2023, three mallards were observed from VP7 flying for 47 seconds, including 19 seconds within the 20–50 m band and 28 seconds within the 50–100 m band. On the 24th of May 2023, one mallard was observed from VP2 flying for 15 seconds within the 20–50 m band; and on the 25th of May 2023, one mallard was observed from VP6 flying for 38 seconds within the 50–100 m band.

On the 4th of June 2023, six mallards were observed from VP6 flying for 102 seconds, including 20 seconds within the 20–50 m band and 82 seconds within the 50–100 m band. On the 25th of July 2023, four mallards were observed from VP2 flying for 35 seconds within the 20–50 m band, followed on the 9th of July 2023 by five mallards from VP14 flying for 36 seconds within the 50–100 m band. On the 15th of August 2023, four mallards were observed from VP2 flying for 15 seconds within the 50–100 m band, and on the 4th of August 2023, thirty-five mallards were observed from VP14 flying for 38 seconds within the 50–100 m band. The season concluded on the 14th of September 2023, when fourteen mallards were observed from VP6 with no flight recorded within CRM height bands, and on the 11th of September 2023, fourteen mallards were observed from VP7 flying for 47 seconds, including 18 seconds within the 20–50 m band and 29 seconds within the 50–100 m band.

All other observations were located outside the turbine buffer.

VP1. On the 28th of March 2023, two mallards were observed flying for 63 seconds, including 13 seconds within the 0–20 m band and 50 seconds within the 20–50 m band. On the 6th of April 2023, four mallards were observed flying for 17 seconds within the 0–20 m band, and on the 13th of April 2023, two mallards were observed flying for 15 seconds within the 0–20 m band. Later in summer, on the 23rd of May 2023, five mallards were observed flying for 42 seconds within the 0–20 m band; on the 30th of August 2023, one mallard flew for 28 seconds within the 0–20 m band; and on the 13th of September 2023, one mallard was observed flying for 18 seconds within the 0–20 m band.

On the 3rd of April 2023 at VP2, two mallards were observed flying for 26 seconds within the 0–20 m band.

On the 21st of March 2023 at VP4, two mallards were observed flying for 6 seconds within the 0–20 m band; three mallards flew for 130 seconds, with 70 seconds within the 0–20 m band and 60 seconds within the 20–50 m band; five mallards flew for 110 seconds within the 0–20 m band; and six mallards flew for 114 seconds, including 35 seconds within the 0–20 m band and 79 seconds within the 20–50 m band. On the 5th of April 2023, two mallards flew for 45 seconds, with 24 seconds within the 0–20 m band and 21 seconds within the 20–50 m band; later, one mallard flew for 35 seconds, with 30 seconds within the 0–20 m band and 5 seconds within the 20–50 m band, and one mallard flew for 66 seconds, including 22 seconds within the 0–20 m band and 44 seconds within the 20–50 m band. On the 6th of April 2023, four mallards flew for 43 seconds, including 18 seconds within the 0–20 m band and 25 seconds within the 20–50 m band, followed by three mallards flying for 83 seconds, with 50 seconds within the 0–20 m band and 33 seconds within the 20–50 m band. On the 1st of May 2023, three mallards were observed flying for 43 seconds within the 0–20 m band, another three mallards for 24 seconds within the 0–20 m band, and one mallard flew for 29 seconds within the 100–200 m band. On the 3rd of June 2023, one mallard was observed flying for 29 seconds within the 0–20 m band. On the 5th of July 2023, one mallard flew for 47 seconds, including 40 seconds within the 0–20 m band and 7 seconds within the 20–50 m band, and later one mallard flew for 36 seconds, with 5 seconds within the 0–20 m band and 31 seconds within the 20–50 m band.

On the 25th of March 2023 at VP6, three mallards were observed flying for 70 seconds within the 50–100 m band. On the 30th of March 2023, three mallards were observed flying for 72 seconds, including 36 seconds within the 20–50 m band and 36 seconds within the 50–100 m band.

On the 25th of March 2023 at VP7, one mallard was observed flying for 32 seconds within the 0–20 m band. On the 18th of April 2023, one mallard flew for 58 seconds within the 50–100 m band. On the 8th of May 2023, three mallards flew for 240 seconds, including 120 seconds within the 0–20 m band, 31 seconds within the 20–50 m band, and 89 seconds within the 50–100 m band; on the same date one mallard flew for 27 seconds within the 0–20 m band.

On the 27th of March 2023 at VP8, two mallards were observed flying for 55 seconds within the 0–20 m band. On the 8th of May 2023, two mallards flew for 22 seconds within the 0–20 m band.

On the 27th of March 2023 at VP14, four mallards were observed flying for 50 seconds within the 50–100 m band.

Winter 2023/2024

On the 1st of October 2023, two mallards were observed from VP7 flying for 108 seconds within the 50–100 m band. On the 4th of October 2023, four mallards were observed from VP6 flying for 74 seconds within the 50–100 m band, followed later the same day by eight mallards observed from VP14 flying for 41 seconds, including 10 seconds within the 20–50 m band and 31 seconds within the 50–100 m band. On the 7th of October 2023, eleven mallards were observed from VP14 flying for 44 seconds within the 50–100 m band.

On the 29th of December 2023, two mallards were observed from VP2 flying for 45 seconds within the 50–100 m band.

On the 13th of January 2024, two mallards were observed from VP6 flying for 42 seconds, including 14 seconds within the 20–50 m band and 28 seconds within the 50–100 m band. On the same date at VP6, another flight by an uncounted number of mallards was recorded for 30 seconds within the 50–100 m band, and later a further record noted an uncounted number of mallards flying for 24 seconds, including 9 seconds within the 20–50 m band and 15 seconds within the 50–100 m band.

On the 7th of February 2024, four mallards were observed from VP2 flying for 36 seconds within the 50–100 m band; on the same date eight mallards were observed from VP6 flying for 124 seconds, including 30 seconds within the 20–50 m band and 94 seconds within the 50–100 m band; and at VP14, five mallards were observed flying for 88 seconds within the 50–100 m band. The season concluded on the 11th of March 2024, when two mallards were observed from VP2 flying for 14 seconds within the 20–50 m band.

All other observations are located outside the 500m turbine buffer. On the 30th of January 2024 at VP1, two mallards were observed flying for 55 seconds, including 20 seconds within the 0–20 m band and 35 seconds within the 20–50 m band.

On the 30th of October 2023 at Vp4, four mallards were observed flying for 136 seconds, with 16 seconds within the 0–20 m band and 120 seconds within the 20–50 m band, with disturbance from shooting to the east of the site noted. Later in the season, on the 29th of December 2023, five mallards were observed flying for 43 seconds within the 50–100 m band. On the 21st of October 2023 VP7, ten mallards were observed flying for 76 seconds, including 35 seconds within the 0–20 m band and 41 seconds within the 20–50 m band.

Summer 2024

On the 22nd of March 2024, three mallards were observed from VP2 flying for 28 seconds within the 50–100 m band. On the 4th of March 2024, four mallards were observed from VP2 flying for 12 seconds within the 50–100 m band. On the 30th of March 2024, two mallards were observed from VP5 flying for 52 seconds within the 50–100 m band. On the 8th of March 2024, five mallards were observed from VP14 flying for 199 seconds within the 50–100 m band.

Moving into summer, on the 19th of April 2024, three mallards were observed from VP2 flying for 35 seconds within the 50–100 m band. On the 26th of April 2024, two mallards were observed from VP2 flying for 15 seconds within the 20–50 m band, followed later the same day by three mallards flying for 73 seconds within the 50–100 m band. On the 20th of April 2024, two mallards were observed from VP5 flying for 30 seconds within the 50–100 m band; and four mallards from VP6 flying for 67 seconds within the 50–100 m band. On the 13th of April 2024, two mallards were observed from VP6 flying for 78 seconds within the 50–100 m band.

On the 31st of May 2024, three mallards were observed from VP2 flying for 9 seconds within the 20–50 m band. On the 27th of May 2024, two mallards were observed from VP6 flying for 41 seconds within the 50–100 m band. On the 7th of May 2024, three mallards were observed from VP7 flying for 78 seconds, including 13 seconds within the 20–50 m band and 65 seconds within the 50–100 m band. On the 10th of June 2024, one female mallard was observed from VP2 flying for 15 seconds within the 20–50 m band. On the 24th of June 2024, one drake mallard was observed from VP2 flying for 27 seconds within the 20–50 m band. On the 9th of September 2024, three mallards were observed from VP2 flying for 52 seconds within the 50–100 m band.

At VP5, three mallards were observed on the 23rd of July 2024 flying for 25 seconds within the 20–50 m band, with females commuting noted. On the 13th of August 2024, one mallard flew for 10 seconds within the 20–50 m band, with commuting, age and gender undefined recorded. On the 25th of August 2024, one mallard was observed flying for 44 seconds, with 19 seconds within the 20–50 m band, 15 seconds within the 50–100 m band, and 10 seconds within the 100–200 m band, with juvenile or adult female uncertain. Later the same day, three mallards were observed flying for 44 seconds, including 20 seconds within the 20–50 m band, with two females and one male in eclipse plumage noted.

At VP6, on the 10th of August 2024, twenty-five mallards were observed flying for 143 seconds, including 32 seconds within the 20–50 m band, 71 seconds within the 50–100 m band, and 40 seconds within the 100–200 m band, with commuting behaviour recorded.

At VP14, on the 13th of July 2024, three mallards were observed flying for 212 seconds, including 10 seconds within the 20–50 m band and 192 seconds within the 50–100 m band, after being flushed from a drain. On the 24th of August 2024, two hundred mallards were observed flying for 157 seconds, including 20 seconds within the 20–50 m band, 95 seconds within the 50–100 m band, and 42 seconds within the 100–200 m band, with circling behaviour noted.

All other observations were located outside the 500m turbine buffer. At VP1 on the 3rd of April 2024, two mallards were observed flying for 36 seconds, including 6 seconds within the 0–20 m band and 30 seconds within the 20–50 m band. On the 19th of April 2024, three mallards were observed flying for 17 seconds within the 0–20 m band; on the 22nd of April 2024, two mallards were observed flying for 22 seconds within the 20–50 m band. Into summer, on the 20th of May 2024, six mallards were observed flying for 22 seconds within the 0–20 m band, followed on the 30th of May 2024 by five mallards flying for 15 seconds within the 0–20 m band, and on the 8th of June 2024 by three mallards flying for 22 seconds within the 0–20 m band.

At VP4, on the 12th of March 2024, seven mallards were observed flying for 46 seconds within the 0–20 m band, and later the same day two mallards were observed flying for 52 seconds within the 20–50 m band. On the 10th of April 2024, five mallards were observed flying for 136 seconds, including 36 seconds within the 20–50 m band and 100 seconds within the 50–100 m band. On the 19th of April 2024, two mallards were observed flying for 57 seconds, with 23 seconds within the 0–20 m band and 34 seconds within the 20–50 m band, and six mallards were observed flying for 35 seconds, including 8 seconds within the 0–20 m band and 27 seconds within the 20–50 m band. On the 8th of May 2024, three mallards were observed flying for 53 seconds, with 40 seconds within the 0–20 m band and 13 seconds within the 20–50 m band; seven mallards were observed flying for 108 seconds, including 5 seconds within the 0–20 m band, 36 seconds within the 20–50 m band, and 67 seconds within the 50–100 m band; and one mallard was observed flying for 18 seconds within the 0–20 m band. On the 7th of August 2024, three mallards were observed flying for 8 seconds, moving to another pond noted; later the same day three mallards were observed flying for 14 seconds, height band not recorded, disturbed by a predator.

At VP5 on the 23rd of July 2024, two mallards were observed flying for 10 seconds, height band not recorded, noted as female, commuting, adult.

At VP7 on the 19th of March 2024, one mallard was observed flying for 327 seconds within the 20–50 m band. On the 18th of April 2024, eight mallards were observed flying for 94 seconds, with 20 seconds within the 0–20 m band and 74 seconds within the 20–50 m band. In May, on the 18th of May 2024, one mallard was observed flying for 68 seconds, including 10 seconds within the 0–20 m band and 58 seconds within the 20–50 m band; later the same day three mallards were observed flying for 91 seconds, with 17 seconds within the 0–20 m band and 74 seconds within the 20–50 m band. On the 8th of June 2024, two mallards were observed flying for 46 seconds within the 0–20 m band. At VP7 on the 2nd of July 2024, one mallard was observed flying for 12 seconds, height band not recorded, noted as female, commuting. On the 1st of August 2024, one mallard was observed flying for 78 seconds, height band not recorded, noted as male, commuting. On the 24th of August 2024, one mallard was observed flying for 26 seconds, height band not recorded, noted as female, commuting. On the 9th of September 2024, two mallards were observed flying for 85 seconds within the 50–100 m band, and one mallard was observed flying for 83 seconds within the 100–150 m band, both with age/sex undefined.

At VP14 on the 8th of June 2024, eighteen mallards were observed flying for 203 seconds within the 20–50 m band. VP1. On the 11th of June 2024, three mallards were observed flying for 22 seconds, height band not recorded, noted as males. On the 29th of July 2024, six mallards were observed flying for 17 seconds, height band not recorded. On the 12th of August 2024, twelve mallards were observed flying for 50 seconds, height band not recorded. On the 6th of September 2024, five mallards were observed flying for 55 seconds, including 45 seconds within the 20–50 m band and 10 seconds within the 0–20 m band. On the 28th of September 2024, ten mallards were observed flying for 132 seconds within the 100–150 m band.

Winter 2024/2025

42 observations of mallard were located within the 500 turbine buffer. On the 3rd of October 2024, two adult male mallards were observed from VP2 flying for 12 seconds within the 50–100 m band, noted as commuting. On the 28th of October 2024, two mallards were observed from VP5 flying for 10 seconds within the 0–20 m band, described as adult male and adult female commuting, followed by another two mallards flying for 20 seconds within the 0–20 m band, also an adult male and female, and later two mallards flying for 12 seconds within the 0–20 m band, noted again as adult male and adult female.

Into winter, on the 28th of November 2024, two unsexed adult mallards were observed from VP2 flying for 16 seconds within the 50–100 m band, noted as commuting. On the 10th of December 2024, two unsexed adult mallards were observed from VP2 flying for 17 seconds within the 50–100 m band, and on the 18th of December 2024, eight unsexed adults were observed from VP2 flying for 70 seconds, including 55 seconds within the 50–100 m band and 15 seconds within the 100–200 m band, all noted as commuting. On the same date at VP5, two adult mallards were observed flying for 53 seconds, including 49 seconds within the 50–100 m band and 4 seconds within the 100–200 m band, followed by twelve mallards flying for 97 seconds, including 92 seconds within the 50–100 m band and 5 seconds within the 100–200 m band, both described as male and female. On the 27th of December 2024, one adult mallard was observed from VP14 flying for 30 seconds within the 20–50 m band, and later one unsexed adult flew for 5 seconds within the 20–50 m band, followed by two mallards flying for 22 seconds within the 50–100 m band, all noted as commuting.

In early January, on the 14th of January 2025, three unsexed adult mallards were observed from VP2 flying for 75 seconds within the 50–100 m band; and on the 20th of January 2025, four unsexed adults flew for 12 seconds within the 20–50 m band, all noted as commuting. On the 18th of January 2025, four unsexed adult mallards were observed from VP6 flying for 137 seconds within the 100–150 m band, and on the same date at VP7, seven unsexed adults were observed flying for 204 seconds within the 100–150 m band.

Moving into February, on the 8th of February 2025, two adult mallards were observed from VP5 flying for 80 seconds, including 55 seconds within the 50–100 m band and 25 seconds within the 100–150 m band, during display; later two adults flew for 73 seconds, with 63 seconds within the 50–100 m band and 10 seconds within the 100–150 m band, also during display; and another pair flew for 42 seconds, with 34 seconds within the 20–50 m band and 8 seconds within the 50–100 m band, again displaying. On the 9th of February 2025, five adult mallards were observed flying for 122 seconds, including 98 seconds within the 50–100 m band and 24 seconds within the 100–150 m band, noted as commuting.

On the 7th of February 2025, four adult mallards were observed from VP6 flying for 68 seconds within the 50–100 m band, and six adults flew for 314 seconds within the 50–100 m band, both described as commuting.

During early spring migration, on the 2nd of March 2025, two adult mallards were observed from VP5 flying for 28 seconds, with 4 seconds within the 20–50 m band and 24 seconds within the 50–100 m band, noted as commuting; later four adults flew for 247 seconds, including 108 seconds within the 50–100 m band, 135 seconds within the 100–150 m band, and 4 seconds within the 150–180 m band, during display; and one adult female was observed flying for 31 seconds, including 12 seconds within the 20–50 m band and 19 seconds within the 50–100 m band, noted as calling while flying. On the 10th of March 2025, three unsexed adults were observed from VP2 flying for 48 seconds within the 50–100 m band, and on the 24th of March 2025, three unsexed adults flew for 55 seconds within the 20–50 m band, both noted as commuting. On the 26th of March 2025, three unsexed adult mallards were observed flying for 45 seconds within the 50–100 m band. The season concluded on the 31st of March 2025, when three unsexed adults were observed flying for 65 seconds within the 20–50 m band, all recorded as commuting.

All other observations were located outside the 500m turbine buffer. VP1

On the 23rd of October 2024, two adult mallards were observed flying for 23 seconds within the 20–50 m band, noted as commuting. On the 27th of December 2024, one adult mallard was observed flying for 18 seconds within the 20–50 m band, and on the 21st of January 2025, two mallards were observed flying for 28 seconds within the 20–50 m band, both noted as commuting. On the 20th of March 2025, two adult mallards were observed flying for 18 seconds within the 20–50 m band, commuting between waterbodies.

At VP4 on the 29th of October 2024, seven mallards were observed flying for 23 seconds within the 20–50 m band, recorded as commuting. On the 12th of October 2024, eleven adult mallards were observed flying for 286 seconds within the 50–100 m band, with age and gender undefined.

At VP5, on the 5th of February 2025, three adult mallards were observed flying for 52 seconds, including 30 seconds within the 50–100 m band and 22 seconds within the 100–150 m band, noted as two males chasing a female while calling. On the 22nd of February 2025, five mallards were observed flying for 63 seconds within the 20–50 m band, described as commuting. On the 18th of March 2025, one adult mallard was observed flying for 16 seconds, with 11 seconds within the 20–50 m band and 5 seconds within the 50–100 m band, noted as dropping to a pond.

At VP6 on the 9th of December 2024, four mallards were observed flying for 38 seconds within the 20–50 m band, described as three females and one male commuting. On the 27th of December 2024, twelve mallards were observed flying for 103 seconds within the 50–100 m band, and later two mallards flew for 38 seconds within the 20–50 m band, both involving adult male and female birds commuting. On the 19th of December 2024, two mallards were observed flying for 38 seconds within the 20–50 m band, noted as commuting. On the 27th of March 2025, two mallards flew for 38 seconds within the 20–50 m band, commuting.

At VP7 on the 1st of October 2024, five unsexed adult mallards were observed flying for 18 seconds within the 20–50 m band. On the 19th of November 2024, two adult male mallards were observed flying for 86 seconds within the 50–100 m band, commuting. On the 23rd of October 2024, one unsexed adult mallard was observed flying for 109 seconds, including 10 seconds within the 0–20 m band and 99 seconds within the 100–150 m band, flying around a northwest lake. On the 30th of November 2024, two mallards were observed flying for 25 seconds within the 20–50 m band, commuting. On the 2nd of March 2025, three adult mallards were observed flying for 82 seconds within the 0–20 m band, and two mallards flew for 31 seconds within the 20–50 m band; later four mallards flew for 85 seconds within the 20–50 m band, all commuting. On the 9th of March 2025, three adult mallards were observed flying for 110 seconds within the 20–50 m band.

At VP14 on the 29th of March 2025, three mallards were observed flying for 23 seconds within the 20–50 m band, commuting. On the 27th of December 2024, two unsexed adults were observed flying for 43 seconds within the 50–100 m band, commuting. On the 27th of December 2024, one mallard was observed flying for 5 seconds within the 20–50 m band, and two mallards flew for 22 seconds within the 50–100 m band, all commuting.

4.2.22 Marsh Harrier

Winter 2020/2021

This Amber-listed Annex I raptor was observed on one occasion during the winter 2020/21 VP surveys. One female was observed hunting over cutover bog between the proposed location of turbine one and two. The marsh harrier was recorded flying within height band 0-20m for 42 seconds. This observation was inside the 500m turbine buffer.

Summer 2021

Two observations were made on the 24th of July, the first from VP7 and the second from VP14, both observations were of birds flying at heights below 20m. The marsh harrier noted at VP14 was within the 500m turbine buffer.

Summer 2022

Marsh harrier were noted on three occasions during the summer VP survey, all three were located within the 500m turbine buffer. On the 13th of June, one marsh harrier at VP4, was noted flying within height band 0-20m for 293 and 20-50m for 25 seconds for ta total flight duration of 318 seconds. On the 18th of June at VP5, one marsh harrier was noted within height band 0-20m for five seconds. On the 9th of July, an immature marsh harrier was noted circling and soring being mobbed by swallows. The marsh harrier was noted withing height band 20-50m for 665 seconds, 100-200m for 385 seconds and above 200m for 280 seconds for a total flight duration of 1330 seconds.

Winter 2022/2023

Marsh harrier were noted on two occasions. One of these observations were located within the 500m turbine buffer. On the 13th of October one marsh harrier was noted within height band 0-20m for 72 seconds, flying across the site between proposed location of turbine 10 and 11.

On the 20th of October, one marsh harrier was observed flying through the proposed site, mobbed by ravens. The marsh harrier was noted flying within height band 0-20m for 68 seconds, 20-50m for 65 seconds and 50-100m for 242, for a total flight duration of 375 seconds.

4.2.23 Merlin

The red-listed merlin was observed on 18 occasions during VP surveys, none of these observations were located within the 500m turbine buffer.

Winter 2020/2021

This Annex I raptor was observed three times during the winter 2020/2021 season. One of these observations were inside the 500m turbine buffer. On the 30th of January one merlin was observed hunting and perching on trees from VP14 within 0-2m height band for 38 seconds.

All other observations were located outside the 500m turbine buffer. On the 8th of October, one individual was observed from VP8 flying within height band 0-20m for a total of seven seconds. On the 28th of February, one individual was noted flying over the north lake from VP7.

Summer 2021

Amber-listed, Annex 1 Merlin was observed twice during the summer 2021 season. Both observations were made on September 25th from VP7 and were of Merlin flying at heights below 20m. Both observations were located outside the 500m turbine buffer, with merlin flying over the north and south lake.

Winter 2021/2022

Merlin were recorded on three occasions during the winter 2021/2022 VP surveys. One of these observations was located within the 500m turbine buffer. One female merlin was observed flying within height band 0-20m for a total of 9 seconds over cut over bog ad scrub west of VP6.

All other observations were located outside the 500m turbine buffer. On the 13th of October, one female merlin was recorded flying cutover bog, scrub and immature woodland north of VP4. It was noted within height band 0-20m for a total of 76 seconds, being mobbed by hooded crow. On the 4th of December an immature female merlin was recorded flying over dystrophic lakes and cutover bog north of VP7, flying within height band 0-20m for 25 seconds, and 20-50m for 24 seconds for a total flight duration of 49 seconds.

Summer 2022

Merin were noted twice during the summer 2022 VP surveys. Both observations were noted from VP4 and located outside the 500m turbine buffer. One male was observed perched on a stump for an hour, then flying over cutover bog within height band 0-20m for 25 seconds. The same male was note flying within 0-20m for 10 seconds flying over raised bog to the west of VP4.

Winter 2022/2023

Merlin were noted on two occasions during the winter 2022/2023 VP surveys. One of these observations was located within the 500m turbine buffer. One male merlin was observed flying within height band 20-50m for a duration of 45 seconds, flying east through 500m turbine buffer close to T02. Another merlin was recorded flying from VP1 outside the site, within height band 0-20m for seven seconds.

Summer 2023

On the 1st of September, one merlin was observed from VP6, flying east and then south over cutover bog close to T02. This observation was located within the 500m turbine buffer

Winter 2023/2024

Merlin were noted on two occasions during the winter 2023/2024 VP surveys. Both observations were located within the 500m turbine buffer. On the 1st of October one merlin was observed from VP14 flying within height band 0-20m for 25 seconds. A second merlin was observed on the 21st of November from VP2, a female was noted flying within height band 0-20m for five seconds.

Summer 2024

Merlin were observed on one occasion. This observation was located within the 500m turbine buffer. One female merlin was observed flying within height band 0-20m for 41 seconds over cutover bog west of T02.

Winter 2024/2025

Merlin were noted on two occasions during the winter 2024/2025 VP surveys. Both observations were located within the 500m turbine buffer surrounding T09-T11. On the 23rd of October a merlin was observed hunting over cutover bog close to VP2. On the 26th of March one merlin was observed being mobbed by crows at VP2, circling over cutover bog before flying north out of sight. It was observed flying for a duration of 270 seconds under 50m.

4.2.24 Mute Swan

Summer 2021

On the 10th of June 2021, two mute swans were observed from VP4 flying for 50 seconds, including 10 seconds within the 0–20 m band and 40 seconds within the 20–50 m band. On the 25th of September 2021, one mute swan was observed from VP7 flying for 82 seconds, including 64 seconds within the 0–20 m band and 18 seconds within the 20–50 m band. Both observations were located outside the 500m turbine buffer.

Winter 2021/2022

One observation was located within the 500m turbine buffer. On the 13th of November, two mute swans were observed for 68 seconds, with 48 seconds within the 0–20 m band and 20 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 10th of October 2021, two mute swans were observed from VP1 flying for 62 seconds, including 4 seconds within the 0–20 m band, 8 seconds within the 20–50 m band, and 50 seconds within the 50–100 m band; later the same day, two mute swans were again observed from VP1 flying for 24 seconds, with 6 seconds within the 0–20 m band, 13 seconds within the 20–50 m band, and 5 seconds within the 50–100 m band. On the 30th of October 2021, two mute swans were observed from VP1 flying for 13 seconds, including 4 seconds within the 0–20 m band and 9 seconds within the 20–50 m band, with notes that the birds were on deck for approximately 15 minutes. On the 13th of November 2021, two mute swans were observed from VP7 flying for 65 seconds, with 35 seconds within the 0–20 m band and 30 seconds within the 20–50 m band. Moving into the new year, on the 3rd of January 2022, a flock of one hundred and twenty-five mute swans was observed from VP7 flying for 118 seconds within the 20–50 m band. The season concluded on the 1st of March 2022, when two mute swans were observed from VP4 flying for 194 seconds, including 34 seconds within the 0–20 m band and 160 seconds within the 20–50 m band.

Summer 2022

On the 26th of March 2022, six mute swans were observed from VP8 flying for 57 seconds, including 17 seconds within the 0–20 m band and 40 seconds within the 20–50 m band. On the 26th of March 2022, eight mute swans were observed from VP7 flying for 132 seconds, including 20 seconds within the 0–20 m band and 112 seconds within the 20–50 m band. Both observations were located outside the 500m turbine buffer.

Winter 2022/2023

Two observations were located within the 500m turbine buffer. On the 24th of December 2022, two mute swans were observed from VP14 flying for 43 seconds within the 0–20 m band, followed later the same day by two mute swans flying for 35 seconds, including 13 seconds within the 0–20 m band and 22 seconds within the 20–50 m band. The

All other observations were located outside the turbine buffer. On the 22nd of October 2022, two mute swans were observed from VP7 flying for 49 seconds within the 0–20 m band, and later the same day two mute swans were observed flying for 137 seconds within the 20–50 m band, noted as probably the same two seen earlier. On the 22nd of December 2022, one mute swan was observed from VP4 flying for 53 seconds within the 0–20 m band. On the 24th of December 2022, two mute swans were observed from VP14 flying for 43 seconds within the 0–20 m band, followed later the same day by two mute swans flying for 35 seconds, including 13 seconds within the 0–20 m band and 22 seconds within the 20–50 m band. The final observation for this season occurred on the 2nd of February 2023, when one mute swan was observed from VP4 flying for 148 seconds, including 25 seconds within the 0–20 m band and 123 seconds within the 20–50 m band.

Winter 2023/2024

Two observations were located within the 500m turbine buffer. On the 25th of November 2023, two mute swans were observed from VP7 flying for 85 seconds within the 0–20 m band. On the 11th of December 2023, two mute swans were observed from VP14 flying for 69 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 10th of October 2023, three mute swans were observed from VP6 flying for 74 seconds within the 20–50 m band. On the 7th of November 2023, three mute swans were observed from VP2 flying for 9 seconds within the 0–20 m band, and later in the month on the 27th of November 2023, three mute swans were observed from VP4 flying for 38 seconds within the 0–20 m band.

Summer 2024

One observation of mute swan was located within the 500m turbine buffer. On the 9th of September one mute swan was observed for a flight duration of 20 seconds, flying under 50m height band. A second observation located outside the 500m turbine buffer from the 20th of April at VP6, one mute swan was noted.

Winter 2024/2025

Three mute swan observations were located within the 500m turbine buffer. At VP2, on the 20th of January 2025, two juvenile mute swans were observed flying for 24 seconds within the 20–50 m band, also recorded as commuting. Finally, on the 2nd of February 2025, two mute swans were observed flying for 44 seconds within the 20–50 m band, and two mute swans were observed from VP7 flying for 119 seconds within the 0–20 m band.

All other observations were located outside the 500m turbine buffer. At VP1, on the 23rd of October 2024, one juvenile mute swan was observed flying for 44 seconds within the 20–50 m band, noted as commuting.

At VP7, several flight lines were recorded. On the 19th of November 2024, two mute swans were observed flying for 10 seconds within the 0–20 m band, noted as a male and female pair. On the 30th of November 2024, five mute swans were observed flying for 5 seconds within the 20–50 m band before landing on open water. On the 27th of December 2024, two mute swans were observed flying for 35 seconds within the 20–50 m band, again marked as a male and female pair.

At VP14, two observations were recorded on the 9th of December 2024: one mute swan flew for 42 seconds within the 30–50 m band, and two mute swans flew for 50 seconds within the 20–50 m band. On the 27th of December 2024, two mute swans were observed flying for 10 seconds within the 0–20 m band.

4.2.25 Peregrine

Winter 2020/2021

Peregrine were observed three times within the 500m turbine buffer during the Winter 2020–2021 season. At VP6, one was observed on the 4th of November flying for a total of forty seconds (forty seconds within the 20–50m height band). At VP14, one was observed on the 8th of December flying for a total of sixty seconds (sixty seconds within the 20–50m height band), and the notes indicated that the bird was an adult. At VP2, one was observed on the 12th of December flying for a total of one thousand two hundred and thirty-five seconds (one thousand two hundred seconds within the 0–20m height band, five seconds within the 20–50m height band and fifteen seconds within the 50–100m height band), and the notes indicated that the bird was plucking prey in flight for ten minutes before moving to perch on a telegraph pole.

All other observations were outside the 500m turbine buffer. At VP1, one observation was recorded. On the 14th of January, one was observed flying for a total of ten seconds (three seconds within the 20–50m height band and seven seconds within the 100–200m height band), and the notes indicated that the bird flew towards a plantation and then swooped.

At VP2, no STEP-2 observations remained after removing the STEP-1 entry.

At VP4, four observations were recorded. On the 23rd of October, one was observed flying for a total of sixty-three seconds (forty seconds within the 0–20m height band, fifteen seconds within the 20–50m height band and eight seconds within the 50–100m height band), and the notes indicated that the bird was a sub adult. On the 25th of November, one was observed flying for a total of one hundred and sixteen seconds (one hundred and sixteen seconds within the 0–20m height band), and the notes indicated that an immature peregrine perched on a stump and an electric pole for the duration. Later on the same date, one was observed flying for a total of sixty-nine seconds (sixty-nine seconds within the 0–20m height band), and the notes indicated that the bird flew from a pole to another stump. On the 2nd of December, one was observed flying for a total of zero seconds, and the notes indicated that the bird was an adult.

At VP6, one observation was recorded. On the 4th of November, one was observed flying for a total of forty seconds (forty seconds within the 20–50m height band).

At VP7, three observations were recorded. On the 23rd of October, one was observed flying for a total of nine seconds (nine seconds within the 20–50m height band), and the notes indicated that it was accompanied briefly by a second and third hen harrier. Later on the same date, one was observed flying for a total of eleven seconds (eleven seconds within the 50–100m height band). On the 29th of December, one was observed flying for a total of twenty-one seconds (five seconds within the 0–20m height band and sixteen seconds within the 20–50m height band).

Summer 2021

Peregrine were observed seven times within the 500m turbine buffer during the Summer 2021 season. On the 4th of April at VP4, one was observed flying for a total of four hundred and seventy-two seconds (thirty-eight seconds within the 0–20m height band, twenty-eight seconds within the 20–50m height band, seventy-one seconds within the 50–100m height band, one hundred and seventy seconds within the 100–200m height band and one hundred and sixty-five seconds above two hundred m), and the notes indicated that a juvenile female joined another peregrine at approximately three hundred m altitude. On the 21st of April at VP2, one was observed flying for a total of fifty-four seconds (fifty-four seconds within the 50–100m height band). Later on the same date at VP2, one was observed flying for a total of three hundred and two seconds (three hundred and two seconds within the 50–100m height band). A further observation that day at VP2 recorded one flying for a total of two hundred and sixty-five seconds (two hundred and sixty-five seconds within the 50–100m height band). On the 1st of June at VP2, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 20–50m height band), and the notes indicated that the bird was hunting low and fast and turned on prey near the ground behind a bog bank before being lost to view. On the 10th of August at VP6, one was observed flying for a total of ninety-four seconds (seventy-four seconds within the 100–200m height band and twenty seconds above two hundred m), and the notes indicated an additional peregrine. On the 2nd of September at VP2, one was observed flying for a total of six seconds (six seconds within the 20–50m height band), and the notes indicated that the bird was hunting low between ridges of old cut-over bog.

All other observations were located outside the 500m turbine buffer. At VP4, two observations were recorded. On the 16th of April, one was observed flying for a total of seven hundred and two seconds (thirty seconds within the 0–20m height band, one hundred and fifty-two seconds within the 20–50m height band and five hundred and twenty seconds within the 50–100m height band). On the 11th of September, one was observed flying for a total of seventy-nine seconds (seventy-nine seconds within the 20–50m height band).

At VP7, one observation was recorded. On the 9th of April, one was observed flying for a total of sixty-five seconds (sixty-five seconds above two hundred m).

At VP8, one observation was recorded. On the 21st of August, one was observed flying for a total of seventy seconds (seventy seconds within the 20–50m height band), and the notes indicated that twenty-five meadow pipits were disturbed by the peregrine.

At VP2, one observation was recorded. On the 1st of June, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 20–50m height band), and the notes indicated that the bird was hunting low and fast, turning on prey near the ground behind a bog bank before being lost to view.

Winter 2021/2022

Peregrine were noted on 15 occasions during the winter 2021/2022.

Peregrine were observed four times within the 500m turbine buffer during the Winter 2021–2022 season. On the 2nd of November at VP5, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band), and the notes indicated that an immature peregrine had been perched on a stump earlier in the survey period. On the 11th of January at VP2, one was observed flying for a total of ninety-seven seconds (ninety-seven seconds within the 100–200m height band). Later on the 11th of January at VP6, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100m height band), and the notes indicated that the bird was mobbed by a raven. On the 1st of March at VP2, one was observed flying for a total of ninety-four seconds (ninety-four seconds within the 100–200m height band).

All other observations were located outside the 500m turbine buffer. At VP1, three observations were recorded. On the 2nd of December, one was observed flying for a total of ninety-nine seconds (fifty seconds within the 0–20m height band and forty-nine seconds within the 20–50m height band). On the 28th of December, one was observed flying for a total of one hundred and five seconds (one hundred and five seconds within the 0–20m height band), and the notes indicated that the bird was mobbed. A further observation on the same date recorded one perched, with zero seconds of flight time.

At VP2, one observation remained after STEP-1 removals. On the 11th of January, one was observed flying for a total of ninety-seven seconds (ninety-seven seconds within the 100–200m height band).

At VP4, six observations were recorded. On the 2nd of October, one was observed flying for a total of thirty-six seconds (thirty-six seconds within the 20–50m height band). On the 13th of November, one was observed flying for a total of seventy seconds (seventy seconds within the 20–50m height band), and the notes indicated that the bird flew low to perch on a stump where it remained for fifty minutes. Later on the same date, one was observed flying for a total of two hundred and ninety-four seconds (forty seconds within the 0–20m height band, one hundred and eighty-nine seconds within the 20–50m height band and sixty-five seconds within the 50–100m height band), and the notes indicated that the bird returned to the same perch for sixty-eight minutes. A further observation that day recorded one flying for a total of ten seconds (ten seconds within the 0–20m height band). On the 11th of January, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band), and the notes indicated that the bird perched on a dead tree and flew off a short-eared owl male. On the 5th of March, one was observed flying for a total of one hundred and twenty-nine seconds (one hundred and twenty-nine seconds within the 50–100m height band).

At VP6, one observation remained after removals. On the 11th of January, one was observed flying for a total of forty-nine seconds (forty-nine seconds within the 50–100m height band), and the notes indicated the bird was mobbed by a raven.

At VP7, one observation was recorded. On the 9th of October, one was observed flying for a total of fifty-four seconds (fifty-four seconds within the 20–50m height band).

Summer 2022

Peregrine were observed five times during the Summer 2022 season. All observations were located outside the 500m turbine buffer. On the 11th of July at VP1, one was observed flying for a total of one hundred and sixty-six seconds (one hundred and sixty-six seconds within the 50–100m height band). On the 30th of July at VP8, one was observed flying for a total of forty seconds (five seconds within the 0–20m height band and thirty-five seconds within the 20–50m height band), and the notes indicated that twenty-five meadow pipits were disturbed by the peregrine. On the 16th of August at VP1, one was observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band). Later on the same date at VP1, one was observed flying for a total of forty-five seconds (forty-five seconds within the 20–50m height band). A further observation on that date at VP1 recorded one flying for a total of one hundred and fifty-eight seconds (one hundred and fifty-eight seconds within the 20–50m height band).

Winter 2022/2023

Peregrine were observed on nine occasions during winter 2022/2023 VP surveys. Peregrine were observed six times within the 500m turbine buffer during the Winter 2022/2023 seasons. On the 1st of October at VP6, one was observed flying for a total of thirty-five seconds (thirty-five seconds within the 50–100m height band). On the 18th of October at VP2, one was observed flying for a total of forty-five seconds (forty-five seconds within the 20–50m height band). A later observation on the same date at VP2 recorded one flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 5th of November at VP7, one was observed flying for a total of one hundred and eighty-six seconds (one hundred and twenty seconds within the 50–100m height band and sixty-six seconds within the 100–200m height band), and the notes indicated an immature peregrine mobbing a hen harrier. On the 4th of February at VP2, one was observed flying for a total of twenty-six seconds (twenty-six seconds within the 50–100m height band). On the 22nd of March at VP2, one was observed flying for a total of sixteen seconds (sixteen seconds within the 20–50m height band).

All other observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 13th of November, one was observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 50–100m height band).

At VP4, two observations were recorded. On the 6th of October, one was observed flying for a total of sixty-nine seconds (sixty-nine seconds within the 50–100m height band), and the notes indicated that the peregrine was striking at a wader. On the 11th of January, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band), and the notes indicated that the bird perched on a dead tree and then flew off a short-eared owl male.

Summer 2023

Peregrine were observed once within the 500m turbine buffer during the Summer 2023 season. On the 12th of July at VP2, one was observed flying for a total of two hundred and forty-five seconds (two hundred and forty-five seconds within the 50–100m height band).

All other observations were located outside the 500m turbine buffer. At VP14, two observations were recorded. On the 27th of March, one was observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 20–50m height band). On the 30th of March, one was observed flying for a total of forty seconds (forty seconds within the 20–50m height band), and the notes indicated that an adult female was mobbed by ravens.

Winter 2023/2024

Peregrine were noted on six occasions during the winter 2023/2024 VP surveys. Peregrine were observed within the 500m turbine buffer three times during the Winter 2023/2024 VP surveys. On the 21st of October at VP7, one was observed flying for a total of one hundred and eight seconds (seventy seconds within the 50–100m height band and thirty-eight seconds within the 100–200m height band). On the 1st of February at VP7, one was observed flying for a total of ninety-seven seconds (seventy-one seconds within the 20–50m height band and twenty-six seconds within the 50–100m height band), and the notes indicated that an adult peregrine flushed twenty hen harriers. On the 12th of February at VP5, two were observed flying for a total of sixty-nine seconds (sixty-nine seconds within the 50–100m height band).

All other observations were located outside the 500m turbine buffer. At VP1, two observations were recorded. On the 22nd of October, one was observed flying for a total of thirty-two seconds (thirty-two seconds within the 50–100m height band). On the 12th of February, one was observed flying for a total of twenty-nine seconds (twenty-nine seconds within the 0–20m height band).

At VP7, one observation was recorded. On the 30th of March, one was observed flying for a total of forty-eight seconds (forty-eight seconds within the 20–50m height band).

Summer 2024

Peregrine were noted on six occasions during the summer 2024 VP surveys. Peregrine were observed within the 500m turbine buffer four times during the Spring Migration 2024 and Summer 2024 seasons. On the 19th of March at VP6, one was observed flying for a total of fifty-one seconds (fifty-one seconds within the 50–100m height band). On the 9th of April at VP7, two were observed flying for a total of six hundred and ninety-four seconds (one hundred and forty-nine seconds within the 50–100m height band, one hundred and ninety-two seconds within the 100–200m height band, two hundred and thirty-six seconds above two hundred m and one hundred and seventeen seconds within the 20–50m height band), and the notes indicated that the two peregrines were soaring together. On the 27th of May at VP6, one was observed flying for a total of fifty-one seconds (fifty-one seconds above two hundred m). On the 28th of September at VP14, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 50–100m height band), and the notes indicated that the bird was flying.

All other observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 22nd of April, two were observed flying for a total of forty-four seconds (forty-four seconds above two hundred m).

At VP7, one observation was recorded. On the 8th of June, one was observed flying for a total of seventy-nine seconds (seventy-nine seconds within the 0–20m height band), and the notes indicated that the bird was an immature peregrine mobbed by a hen harrier.

Winter 2024/2025

Peregrine were observed on 15 occasions during the winter 1014/1015 VP surveys. Peregrine were observed nine times within the 500m turbine buffer during the Winter 2024–2025 season. On the 2nd of October at VP14, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 50–100m height band). On the 16th of December at VP6, one was observed flying for a total of sixty-three seconds (sixty-three seconds within the 100–200m height band). On the 14th of January at VP2, one was observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band), and the notes indicated hunting. On the 15th of January at VP14, one was observed flying for a total of one hundred and twenty seconds (one hundred and twenty seconds within the 50–100m height band). A further observation on the same date at VP14 recorded one flying for a total of ninety-two seconds (ninety-two seconds within the 20–50m height band), and the notes indicated hunting behaviour, scanning the ground and going into a very fast glide towards the end. A further observation on that date at VP14 recorded one flying for a total of twenty-four seconds (twenty-four seconds within the 20–50m height band). On the 9th of March at VP14, one was observed flying for a total of thirty seconds (thirty seconds within the 20–50m height band). A further observation on the same date at VP14 recorded one flying for a total of thirty-five seconds (thirty-five seconds within the 50–100m height band). The final observation on that date at VP14 recorded one flying for a total of two hundred and ten seconds (two hundred and ten seconds within the 50–100m height band), and the notes indicated that the bird dove at three meadow pipits at the start of the flightline.

All other observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 13th of December, one was observed flying for a total of forty-two seconds (forty-two seconds within the 50–100m height band), and the notes indicated hunting.

At VP6, one observation was recorded. On the 19th of March, one was observed flying for a total of thirty-nine seconds (thirty-nine seconds within the 50–100m height band), and the notes indicated that the bird was soaring and was mobbed by a raven.

At VP7, three observations were recorded. On the 4th of March, one was observed flying for a total of twenty-four seconds (twenty-four seconds within the 100–200m height band), and the notes indicated that the bird, with age and sex undefined, was chasing waders. On the 9th of March, one was observed flying for a total of twenty-one seconds (twenty-one seconds within the 20–50m height band). A further observation on the same date recorded one flying for a total of thirty seconds (thirty seconds within the 20–50m height band).

4.2.26 Pintail

The amber-listed pintail were not recorded during summer 2021-2024 VP survey or winter 202/2021-2023/2024.

Winter 2024/2025

On the 19th of December, one pintail was observed within height band 20-50m for a flight duration of 92 seconds from VP7. An adult female was noted commuting over dystrophic lakes in the northwest of the proposed site. This observation was outside the 500m turbine buffer.

4.2.27 Redshank

The xx-listed redshank were not recorded during any winter VP survey, summer 2021 and summer 2023 VP surveys.

Summer 2023

Redshank were observed on one occasion during the summer 2023 VP surveys. This observation was within the 500m turbine buffer close to VP6. One redshank was recorded within height band 020m for 18 seconds. It was observed flying south from VP6 towards the proposed location of turbine three.

Summer 2024

Redshank were observed on four occasions during the summer 2024 VP surveys. Two of these observations were within the 500m turbine buffer. On the 24th of June 2024, one redshank was seen flying within height and 20-20m for 36 seconds, flying south from VP2. On the 31st of August two redshank were observed flying from within the 500m turbine buffer off north from VP4 after calling for 45 seconds.

All other observations were located outside the 500m turbine buffer. On the 18th of June one redshank was noted outside the proposed site south of VP1, flying and calling for 12seconds. On the 31st of August two redshank were observed flying off north from VP4 after calling for 45 seconds. Two more were observed flying and calling north of VP4, noted to be commuting from elsewhere.

4.2.28 Redwing

The red-listed redwing were observed on one occasion during the VP surveys, during winter 2022/2023. This observation was outside the 500m turbine buffer.

Winter 2022/2023

On the 20th of October, 300 redwing were observed commuting west out of the proposed site, flying within height band 20-50m for 80 seconds.

4.2.29 Ringed Plover

The amber-listed ringed plover was not recorded during Summer 2021, Summer 2023 and Summer 2024 VP surveys or during winter 2020/2021-2023/2024 VP surveys.

Summer 2022

Two ringed plover were observed flying within height band 0-20m for nine seconds, close to VP1. This observation was outside the site and 500m turbine buffer.

Winter 2024/2025

Ringed plover were noted on two occasions during the winter 2024/2025 VP surveys. One of these observations were within the 500m turbine buffer close to T11 and T10, flying west. Ringed plover was heard flying over for 15 seconds.

The second observation was located outside the site and 500m turbine buffer. One ringed plover was observed flying for 24 seconds.

4.2.30 Scaup

The amber-listed scaup was not recorded during summer 2021-2024 VP surveys or during winter 2020/2021 - 2022/2023, or during winter 2024/2025 VP surveys.

Winter 2023/2024

One scaup was observed flying within height band 0-20m for 8 seconds, close to VP2. This observation was within the 500m buffer, with the scaup flying over cutover bog in the south of the proposed site, flying north towards proposed turbine 10 location.

4.2.31 Shoveler

The xx-listed shoveler was not recorded during summer 2021, 2022.

Summer 2023

Shoveler were recorded on one occasion at VP14 within heigh band 0-20m for 15 seconds. This observation was outside the 500m turbine buffer.

Winter 2024/2025

Shoveler were observed on four occasions during the winter 2024/2025 winter VP surveys. All four observations were outside the 500m turbine buffer. On the 9th of December one shoveler was observed commuting, along northwest lake, flying within height band 20-50m for 38 seconds.

On the 27th of December, four shoveler including two males and two females were noted commuting over dystrophic lakes in the northwest of the proposed site. They were noted flying within the height band 0-20m for 74 seconds. On the 9th of march one shoveler was observed at VP14, within height band 20-50m for 46 seconds. Another was observed on the same day at VP7, within height band 0-20m for 40 seconds. All observations were seen flying and commuting in over cut over bog and the northwest lakes.

4.2.32 Short-eared Owl

The amber-listed short-eared owl was not recorded during summer 2021-2024 VP surveys, or during winter 2020/2021-winter 2022/2023 and winter 2024/2025.

Winter 2023/2024

Short-eared owl was observed on two occasions during winter 2023/2024 VP surveys. Both observations were inside the 500m turbine buffer near VP5. On the 7th of February one short-eared owl was observed at VP5 flying within height band 0-20m for a flight duration of 62 seconds. A second short-eared owl was flushed from conifer plantation flying within height band 0-20m for 18 seconds

4.2.33 Skylark

The amber-listed skylark was not recorded during summer 2021-2024 VP surveys, winter 2020/2021, winter 2021/2022, winter 2023/2024 or winter 2024/2025 VP surveys.

Winter 2022/2023

Skylark were noted on two occasions. One of these observations were inside the 500m turbine buffer. On the 5th of November one skylark was observed flying within height band 20-50m for 12 seconds. The skylark flew from within the 500m turbine buffer towards VP7 and the lakes in the northwest.

The second observation was outside the 500m turbine buffer. On the 6th of October, 26 skylark were noted commuting through the proposed site, flying within height band 20-50m for 48 seconds.

4.2.34 Snipe

Winter 2020/2021

Snipe were observed within the 500m turbine buffer four times during the Winter 2020/2021 season. At VP14, two observations were recorded. On the 8th of December, two were observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band). On the 16th of January, two were observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band), and the notes indicated that the birds were flushed by a hunter's dog. At VP5, two observations were recorded. On the 6th of March, one was observed flying for a total of nine seconds (nine seconds within the 0–20m height band), and the notes indicated that the bird was flushed. Later on the 6th of March, two were observed flying for a total of eighteen seconds (four seconds within the 20–50m height band and fourteen seconds within the 50–100m height band).

Sniper were observed 14 times outside the 500m turbine buffer. At VP1, one observation was recorded. On the 28th of November, three were observed flying for a total of five seconds (five seconds within the 0–20m height band), and the notes indicated that three birds were heard briefly.

At VP4, one observation was recorded. On the 2nd of December, one was observed flying for a total of one hundred and ten seconds (twenty seconds within the 0–20m height band and ninety seconds within the 20–50m height band).

At VP5, one observation was recorded. On the 6th of March, one was observed flying for a total of nine seconds (nine seconds within the 0–20m height band), and the notes indicated that the bird was flushed.

At VP7, eleven observations were recorded. On the 26th of October, two were observed flying for a total of seven seconds (seven seconds within the 0–20m height band). On the 12th of November, one was observed flying for a total of seven seconds (seven seconds within the 0–20m height band). On the 4th of December, one was observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band). On the 29th of December, three were observed flying for a total of six seconds (six seconds within the 0–20m height band). Later on the 29th of December, one was observed flying for a total of four seconds (four seconds within the 0–20m height band). On the 6th of January, two were observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band). Later on the 6th of January, one was observed flying for a total of six seconds (six seconds within the 0–20m height band). On the 25th of February, three were observed flying for a total of nineteen seconds (thirteen seconds within the 20–50m height band and six seconds within the 50–100m height band). On the 28th of February, one was observed flying for a total of eleven seconds (eleven seconds within the 0–20m height band). On the 7th of March, one was observed flying for a total of thirteen seconds (thirteen seconds within the 0–20m height band). Later on the 7th of March, one was observed flying for a total of seven seconds (seven seconds within the 0–20m height band).

At VP14, one observation was recorded. On the 8th of March, two were observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band).

Summer 2021

Snipe were observed seven times during the Summer 2021 season. At VP5, one observation was recorded. On the 1st of June, one was observed flying for a total of two hundred and two seconds (twenty-one seconds within the 20–50m height band and one hundred and eighty-one seconds within the 50–100m height band), and the notes indicated that the bird was drumming. At VP2, one observation was recorded. On the 6th of July, one was observed flying for a total of seven seconds (four seconds within the 20–50m height band and three seconds within the 50–100m height band). At VP5, one observation was recorded. On the 15th of July, one was observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). At VP14, three observations were recorded. On the 15th of July, one was observed flying for a total of two hundred and seventy-seven seconds (ninety-five seconds within the 20–50m height band and one hundred and eighty-two seconds within the 50–100m height band). On the 24th of July, one was observed flying for a total of five seconds (five seconds within the 20–50m height band). On the 4th of September, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). At VP14, one further observation was recorded. On the 18th of September, two were observed flying for a total of eight seconds (eight seconds within the 20–50m height band).

All other observations were located outside the 500m turbine buffer. At VP7, one observation was recorded. On the 18th of April, one was observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band).

At VP4, one observation was recorded. On the 10th of June, one was observed flying for a total of ninety-eight seconds (eighteen seconds within the 20–50m height band and eighty seconds within the 50–100m height band).

At VP1, one observation was recorded. On the 2nd of September, one was observed flying for a total of one hundred and forty-eight seconds (two seconds within the 0–20m height band, eleven seconds within the 20–50m height band, sixty-five seconds within the 50–100m height band and seventy seconds within the 100–200m height band).

Winter 2021/2022

Snipe were observed 47 times over the winter 2021/2022 VP surveys.

Snipe were observed within the 500m turbine buffer twenty times during the Winter 2021/2022 season. At VP2, fifteen observations were recorded. On the 10th of October, three were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 27th of December, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). Later on the 27th of December, one was observed flying for a total of seventy-four seconds (seventy-four seconds within the 20–50m height band). A further observation on the same date recorded one flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 11th of January, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the 11th of January, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 20th of January, two were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). Later on the 20th of January, four were observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band). On the 22nd of January, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 11th of February, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the 11th of February, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 23rd of February, one was observed flying for a total of eight seconds (eight seconds within the 20–50m height band). Later on the 23rd of February, two were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 1st of March, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the same date, four were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band).

At VP6, one observation was recorded. On the 16th of November, two were observed flying for a total of twenty-eight seconds (fifteen seconds within the 20–50m height band and thirteen seconds within the 50–100m height band).

At VP14, two observations were recorded. On the 3rd of January, two were observed flying for a total of fifteen seconds (five seconds within the 20–50m height band and ten seconds within the 50–100m height band). On the 25th of February, one was observed flying for a total of six seconds (six seconds within the 20–50m height band), and the notes indicated that the bird was probably flushed by a hen harrier.

At VP5, two observations were recorded. On the 2nd of February, two were observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50m height band). Later on the 1st of March, two were observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band).

All other observations were located outside the 500m turbine buffer.

At VP1, seven observations were recorded. On the 17th of October, five were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). Later on the 17th of October, three were observed flying for a total of nine seconds (nine seconds within the 0–20m height band). On the 19th of December, seven were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). On the 28th of December, six were observed flying for a total of sixteen seconds (sixteen seconds within the 0–20m height band). On the 11th of January, four were observed flying for a total of nine seconds (nine seconds within the 0–20m height band). Later on the 11th of January, two were observed flying for a total of four seconds (four seconds within the 0–20m height band). On the 22nd of January, four were observed flying for a total of thirteen seconds (thirteen seconds within the 0–20m height band).

At VP2, twelve observations were recorded. On the 10th of October, three were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 17th of October, three were observed flying for a total of twelve seconds (nine seconds within the 20–50m height band and three seconds within the 50–100m height band). On the 30th of October, three were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). On the 27th of December, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). Later on the 27th of December, one was observed flying for a total of seventy-four seconds (seventy-four seconds within the 20–50m height band). A further observation on the 27th of December recorded one flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 11th of January, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the 11th of January, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 20th of January, two were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). Later on the same date, four were observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band). On the 22nd of January, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 11th of February, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). At VP2, the remaining observations were recorded across February and March. On the 11th of February, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 23rd of February, one was observed flying for a total of eight seconds (eight seconds within the 20–50m height band). Later on the 23rd of February, two were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 1st of March, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the same date, four were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band).

At VP4, five observations were recorded. On the 13th of October, twenty-one were observed flying for a total of seventeen seconds (seventeen seconds within the 50–100m height band). Later on the same date, three were observed flying for a total of six seconds (six seconds within the 0–20m height band). A further observation that day recorded ten flying for a total of eighty-eight seconds (twenty-one seconds within the 20–50m height band and sixty-seven seconds within the 50–100m height band). On the 10th of December, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band). On the 1st of March, one was observed flying for a total of five seconds (five seconds within the 0–20m height band). Later on the same date, two were observed flying for a total of eight seconds (eight seconds within the 0–20m height band). A third observation that day recorded two flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band).

At VP5, three observations were recorded. On the 2nd of February, two were observed flying for a total of twenty-five seconds (twenty-five seconds within the 20–50m height band). On the 1st of March, two were observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band). Later on the 1st of March, two were observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band).

At VP6, one observation was recorded. On the 16th of November, two were observed flying for a total of twenty-eight seconds (fifteen seconds within the 20–50m height band and thirteen seconds within the 50–100m height band).

At VP7, three observations were recorded. On the 23rd of December, two were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). On the 3rd of January, one was observed flying for a total of forty seconds (forty seconds within the 50–100m height band). On the 1st of March, one was observed flying for a total of five seconds (five seconds within the 0–20m height band). Later on the same date, two were observed flying for a total of eight seconds (eight seconds within the 0–20m height band). A further observation on that day recorded two flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band).

At VP14, two observations were recorded. On the 3rd of January, two were observed flying for a total of fifteen seconds (five seconds within the 20–50m height band and ten seconds within the 50–100m height band). On the 25th of February, one was observed flying for a total of six seconds (six seconds within the 20–50m height band), and the notes indicated that the bird was probably flushed by a hen harrier.

Summer 2022

Snipe were observed within the 500m turbine buffer ten times during the Spring Migration 2022 and Summer 2022 seasons. At VP5, one spring observation was recorded. On the 23rd of March, one was observed flying for a total of ten seconds (ten seconds within the 20–50m height band). At VP5, two observations were recorded in May and June. On the 7th of May, one was observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 100–200m height band). On the 18th of June, one was observed flying for a total of two hundred and fifty-eight seconds (five seconds within the 20–50m height band and two hundred and fifty-three seconds within the 50–100m height band), and the notes indicated a drumming display. At VP6, two observations were recorded. On the 21st of May, two were observed flying for a total of fifty-five seconds (thirty seconds within the 20–50m height band and twenty-five seconds within the 50–100m height band), and the notes indicated that snipe were drumming. On the 3rd of September, one was observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). At VP2, two observations were recorded. On the 15th of June, one was observed flying for a total of fifty-three seconds (five seconds within the 20–50m height band and forty-eight seconds within the 50–100m height band), and the notes indicated that the bird was a juvenile. On the 27th of June, one was observed flying for a total of one thousand one hundred and seventy seconds (one thousand one hundred and seventy seconds within the 100–200m height band), and the notes indicated that this was the same flight path as observation four. Later on the same date, one was observed flying for a total of one thousand eight hundred seconds (one thousand eight hundred seconds within the 100–200m height band). At VP14, two observations were recorded. On the 9th of July, two were observed flying for a total of two hundred and thirty-five seconds (seventy-five seconds within the 50–100m height band and one hundred and sixty seconds within the 100–200m height band), and the notes indicated that the birds were drumming. Later on the 9th of July, two were observed flying for a total of seven hundred and twenty seconds (three hundred and sixty seconds within the 50–100m height band, fifty seconds within the 100–200m height band and three hundred and ten seconds above two hundred m).

All eight other observations were located outside the 500m turbine buffer. At VP4, three observations were recorded. On the 14th of March, one was observed flying for a total of sixteen seconds (sixteen seconds within the 0–20m height band). Later on the 14th of March, one was observed flying for a total of nineteen seconds (nineteen seconds within the 0–20m height band). A further observation on the 14th of March recorded one flying for a total of twenty seconds (twenty seconds within the 0–20m height band).

At VP5, one observation was recorded. On the 23rd of March, one was observed flying for a total of ten seconds (ten seconds within the 20–50m height band).

At VP1, one observation was recorded. On the 3rd of April, one was observed flying for a total of five seconds (five seconds within the 0–20m height band).

At VP6, two observations were recorded. On the 21st of May, two were observed flying for a total of fifty-five seconds (thirty seconds within the 20–50m height band and twenty-five seconds within the 50–100m height band), and the notes indicated that the birds were drumming. On the 4th of June, one was observed flying for a total of forty-two seconds (twelve seconds within the 0–20m height band and thirty seconds within the 20–50m height band), and the notes indicated that the bird was drumming and calling.

At VP2, two observations were recorded. On the 15th of June, one was observed flying for a total of fifty-three seconds (five seconds within the 20–50m height band and forty-eight seconds within the 50–100m height band), and the notes indicated that the bird was a juvenile. On the 27th of June, one was observed flying for a total of one thousand one hundred and seventy seconds (one thousand one hundred and seventy seconds within the 100–200m height band), and the notes indicated that this was the same flight path as observation four.

At VP14, one observation was recorded. On the 9th of July, two were observed flying for a total of two hundred and thirty-five seconds (seventy-five seconds within the 50–100m height band and one hundred and sixty seconds within the 100–200m height band), and the notes indicated that the birds were drumming.

Winter 2022/2023

Snipe were observed within the 500m turbine buffer ttwelve times during the Autumn Migration 2022 and Winter 2022/2023 seasons. At VP2, five observations were recorded. On the 18th of October, two were observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). On the 5th of November, three were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 16th of November, four were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 23rd of January, two were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band). On the 4th of February, six were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band), and the notes indicated the presence of dog walkers. Later on the same date, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 20th of February, eight were observed flying for a total of eight seconds (eight seconds within the 20–50m height band).

At VP5, three observations were recorded. On the 6th of October, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band), and the notes indicated that the bird was flushed at the vantage point. On the 26th of October, two were observed flying for a total of one hundred and fifty-nine seconds (seventeen seconds within the 20–50m height band, seventy-four seconds within the 50–100m height band and sixty-eight seconds within the 100–200m height band). On the 4th of March, one was observed flying for a total of fifty-seven seconds (twelve seconds within the 20–50m height band and forty-five seconds within the 50–100m height band), and the notes indicated that the bird was flushed on arriving at the vantage point.

At VP14, one observation was recorded. On the 20th of October, twenty-five were observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band).

At VP6, one observation was recorded. On the 2nd of January, two were observed flying for a total of sixty-three seconds (five seconds within the 20–50m height band and fifty-eight seconds within the 50–100m height band).

At VP7, one observation was recorded. On the 13th of March, thirty were observed flying for a total of ninety-six seconds (thirty-eight seconds within the 20–50m height band and fifty-eight seconds within the 50–100m height band).

All other 26 observations were located outside the 500m turbine buffer. At VP1, nine observations were recorded. On the 4th of November, two were observed flying for a total of seventy-seven seconds (seventy-seven seconds within the 0–20m height band). Later on the 4th of November, twenty were observed flying for a total of twenty-six seconds (twenty-six seconds within the 0–20m height band). On the 13th of November, six were observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band). Later on the 13th of November, eight were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). A further observation that day recorded two were observed flying for a total of six seconds (six seconds within the 0–20m height band). On the 27th of November, eighteen were observed flying for a total of twenty-three seconds (twenty-three seconds within the 0–20m height band). On the 5th of December, ten were observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band). Later on the 5th of December, six were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). On the 21st of December, four were observed flying for a total of thirteen seconds (thirteen seconds within the 0–20m height band). On the 9th of January, eight were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). On the 23rd of January, eight were observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band). On the 7th of February, twenty were observed flying for a total of eleven seconds (eleven seconds within the 0–20m height band). On the 19th of February, six were observed flying for a total of eight seconds (eight seconds within the 0–20m height band). On the 23rd of March, sixteen were observed flying for a total of seventeen seconds (seventeen seconds within the 0–20m height band). Later on the same date, four were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band).

At VP2, nine observations were recorded. On the 18th of October, two were observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). Later on the 18th of October, five were observed flying for a total of twenty-one seconds (twenty-one seconds within the 50–100m height band). On the 5th of November, three were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 16th of November, four were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 23rd of January, two were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band). On the 4th of February, six were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band), and the notes indicated that there were dog walkers present. At VP2, the remaining observations continued through late winter. On the 4th of February, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 20th of February, eight were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 23rd of January, two were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band). On the 23rd of February, two were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 6th of March, six were observed flying for a total of eleven seconds (eleven seconds within the 0–20m height band). Later on the 6th of March, seven were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). On the 23rd of March, sixteen were observed flying for a total of seventeen seconds (seventeen seconds within the 0–20m height band). Later on the 23rd of March, four were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band).

At VP4, four observations were recorded. On the 6th of October, one was observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). On the 20th of October, seven were observed flying for a total of forty-nine seconds (ten seconds within the 0–20m height band, twenty-nine seconds within the 20–50m height band and ten seconds within the 50–100m height band). Later on the same date, one was observed flying for a total of forty-four seconds (forty-four seconds within the 50–100m height band). On the 1st of March, one was observed flying for a total of five seconds (five seconds within the 0–20m height band). A further observation that day recorded two flying for a total of eight seconds (eight seconds within the 0–20m height band). A third observation that day recorded two flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band).

At VP5, three observations were recorded. On the 6th of October, one was observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band), and the notes indicated that the bird was flushed at the vantage point. On the 26th of October, two were observed flying for a total of one hundred and fifty-nine seconds (seventeen seconds within the 20–50m height band, seventy-four seconds within the 50–100m height band and sixty-eight seconds within the 100–200m height band). On the 4th of March, one was observed flying for a total of fifty-seven seconds (twelve seconds within the 20–50m height band and forty-five seconds within the 50–100m height band), and the notes indicated that the bird was flushed on arriving at the vantage point.

At VP6, two observations were recorded. On the 2nd of January, two were observed flying for a total of sixty-three seconds (five seconds within the 20–50m height band and fifty-eight seconds within the 50–100m height band). On the 2nd of January, two were observed flying for a total of sixty-three seconds (five seconds within the 20–50m height band and fifty-eight seconds within the 50–100m height band).

At VP7, three observations were recorded. On the 11th of October, three were observed flying for a total of fifty seconds (ten seconds within the 20–50m height band and forty seconds within the 50–100m height band). On the 24th of January, one was observed flying for a total of thirty-five seconds (twenty-five seconds within the 20–50m height band and ten seconds within the 50–100m height band). On the 5th of November, seven were observed flying for a total of eighty-two seconds (eighty-two seconds within the 50–100m height band).

At VP14, one observation was recorded. On the 20th of October, twenty-five were observed flying for a total of twenty seconds (twenty seconds within the 20–50m height band).

Summer 2023

Snipe were recorded 33 times during the summer 2023 VP surveys.

Snipe were observed within the 500m turbine buffer eighteen times during the Spring Migration 2023 and Summer 2023 seasons. At VP2, eight observations were recorded. On the 28th of March, four were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 13th of April, two were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 19th of April, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 22nd of June, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 30th of June, one was observed flying for a total of four hundred and twenty seconds (twenty seconds within the 20–50m height band and four hundred seconds within the 50–100m height band). On the 12th of July, one was observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). Later on the 12th of July, one was observed flying for a total of ten seconds (ten seconds within the 20–50m height band). On the 15th of August, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 30th of August, two were observed flying for a total of nine seconds (nine seconds within the 20–50m height band).

At VP14, three observations were recorded. On the 13th of April, two were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 4th of June, one was observed flying for a total of eight hundred and fifty-eight seconds (fifteen seconds within the 20–50m height band and eight hundred and forty-three seconds within the 50–100m height band), and the notes indicated that the bird was drumming. On the 9th of July, two were observed flying for a total of seven hundred and twenty seconds (three hundred and sixty seconds within the 50–100m height band, fifty seconds within the 100–200m height band and three hundred and ten seconds above two hundred m).

At VP5, five observations were recorded. On the 29th of April, one was observed flying for a total of eight hundred and forty seconds (one hundred and eighty-nine seconds within the 20–50m height band and six hundred and fifty-one seconds within the 50–100m height band), and the notes indicated drumming. Later on the 29th of April, one was observed flying for a total of fifty seconds (twelve seconds within the 20–50m height band and thirty-eight seconds within the 50–100m height band). A further observation on the same date recorded one flying for a total of thirty-nine seconds (twenty-six seconds within the 20–50m height band and thirteen seconds within the 50–100m height band). On the 13th of May, one was observed flying for a total of eight hundred and forty seconds (forty-two seconds within the 20–50m height band and seven hundred and ninety-eight seconds within the 50–100m height band). On the 9th of July, one was observed flying for a total of fifty-eight seconds (fifty-eight seconds within the 50–100m height band), and the notes indicated that the bird was drumming.

At VP7, two observations were recorded. On the 3rd of June, one was observed flying for a total of one thousand two hundred and sixty seconds (one thousand two hundred and sixty seconds within the 50–100m height band), and the notes indicated drumming. On the 13th of September, thirty were observed flying for a total of ninety-six seconds (thirty-eight seconds within the 20–50m height band and fifty-eight seconds within the 50–100m height band).

At VP1, one observation was recorded. On the 23rd of March, one was observed flying for a total of five seconds (five seconds within the 0–20m height band).

All 15 other observations were located outside the 500m turbine buffer. At VP1, five observations were recorded. On the 28th of March, ten were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). On the 6th of April, six were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). Later on the 6th of April, fourteen were observed flying for a total of sixteen seconds (sixteen seconds within the 0–20m height band). On the 13th of April, four were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 24th of July, one was observed flying for a total of three hundred and eight seconds (one hundred seconds within the 50–100m height band, one hundred and eighty-three seconds within the 100–200m height band and twenty-five seconds above two hundred m). On the 5th of September, six were observed flying for a total of twenty-three seconds (twenty-three seconds within the 0–20m height band). Later on the 5th of September, three were observed flying for a total of seventeen seconds (seventeen seconds within the 0–20m height band). On the 13th of September, eight were observed flying for a total of twenty-four seconds (twenty-four seconds within the 0–20m height band). On the 24th of August, two were observed flying for a total of seven seconds (seven seconds within the 0–20m height band). A further observation that day recorded two flying for a total of eight seconds (eight seconds within the 0–20m height band).

At VP2, four observations were recorded. On the 28th of March, four were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 13th of April, two were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 19th of April, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 15th of August, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 30th of August, two were observed flying for a total of nine seconds (nine seconds within the 20–50m height band).

At VP4, one observation was recorded. On the 14th of March, one was observed flying for a total of sixteen seconds (sixteen seconds within the 0–20m height band).

At VP5, three observations were recorded. On the 29th of April, one was observed flying for a total of eight hundred and forty seconds (one hundred and eighty-nine seconds within the 20–50m height band and six hundred and fifty-one seconds within the 50–100m height band), and the notes indicated drumming. Later on the 29th of April, one was observed flying for a total of fifty seconds (twelve seconds within the 20–50m height band and thirty-eight seconds within the 50–100m height band). A further observation on the 29th of April recorded one flying for a total of thirty-nine seconds (twenty-six seconds within the 20–50m height band and thirteen seconds within the 50–100m height band). At VP5, the remaining observations were recorded throughout May and July. On the 13th of May, one was observed flying for a total of eight hundred and forty seconds (forty-two seconds within the 20–50m height band and seven hundred and ninety-eight seconds within the 50–100m height band). On the 9th of July, one was observed flying for a total of fifty-eight seconds (fifty-eight seconds within the 50–100m height band), and the notes indicated that the bird was drumming.

At VP7, five observations were recorded. On the 27th of March, one was observed flying for a total of three hundred and sixty seconds (three hundred and sixty seconds within the 50–100m height band), and the notes indicated snipe drumming. On the 3rd of June, one was observed flying for a total of one thousand two hundred and sixty seconds (one thousand two hundred and sixty seconds within the 50–100m height band), and the notes indicated drumming. Later on the 3rd of June, two were observed flying for a total of one thousand two hundred and sixty seconds (one thousand two hundred and sixty seconds within the 50–100m height band), and the notes indicated drumming. On the 19th of May, one was observed flying for a total of five hundred and fifty-eight seconds (ten seconds within the 0–20m height band, three hundred and sixty-six seconds within the 50–100m height band and one hundred and eighty-two seconds within the 100–200m height band), and the notes indicated that the birds were drumming and calling, with height bands estimated and the flight line approximated. Later on the 19th of May, two were observed flying for a total of two hundred and seven seconds (fifteen seconds within the 20–50m height band and one hundred and ninety-two seconds within the 50–100m height band), and the notes again indicated drumming and calling.

At VP14, two observations were recorded. On the 4th of June, one was observed flying for a total of eight hundred and fifty-eight seconds (fifteen seconds within the 20–50m height band and eight hundred and forty-three seconds within the 50–100m height band), and the notes indicated drumming. On the 13th of April, two were observed flying for a total of nine seconds (nine seconds within the 20–50m height band).

Winter 2023/2024

Snipe were noted on 39 occasions during the winter 2023/2024 VP surveys. Snipe were observed twelve times within the 500m turbine buffer during the Winter 2023/2024 VP surveys. At VP2, seven observations were recorded. On the 17th of October, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 27th of October, sixteen were observed flying for a total of twenty-one seconds (five seconds within the 20–50m height band and sixteen seconds within the 50–100m height band). Later on the 27th of October, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 2nd of October, eight were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 3rd of November, four were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 21st of November, three were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 29th of December, three were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 30th of January, three were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 15th of March, two were observed flying for a total of eight seconds (eight seconds within the 20–50m height band).

At VP14, one observation was recorded. On the 10th of November, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band).

At VP6, two observations were recorded. On the 7th of February, one was observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band). On the 24th of February, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 20–50m height band).

All 27 other observations were located outside the 500m turbine buffer. At VP1, twelve observations were recorded. On the 3rd of October, four were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). Later on the 3rd of October, thirteen were observed flying for a total of twenty-three seconds (twenty-three seconds within the 50–100m height band). On the 22nd of October, forty-five were observed flying for a total of sixteen seconds (sixteen seconds within the 20–50m height band). On the 16th of October, twelve were observed flying for a total of twenty-three seconds (twenty-three seconds within the 20–50m height band). On the 26th of October, eight were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 7th of November, fifteen were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). Later on the 7th of November, seven were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 27th of November, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). Later on the 27th of November, ten were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 11th of December, six were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 18th of December, nine were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). Later on the 18th of December, twenty-five were observed flying for a total of fourteen seconds (four seconds within the 20–50m height band and ten seconds within the 50–100m height band). On the 30th of January, twelve were observed flying for a total of fourteen seconds (fourteen seconds within the 20–50m height band). Later on the 30th of January, nine were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 12th of January, three were observed flying for a total of nine seconds, but heights were not recorded because ponds remained frozen all day. Later on the same date, eight were observed flying for a total of fifteen seconds, with the notes again stating that ponds remained frozen all day and heights were not given.

At VP2, eight observations were recorded. On the 27th of October, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 3rd of November, four were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 29th of December, three were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 30th of January, three were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 24th of March, eight were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band). At VP2, the remaining observations were recorded through late autumn and winter. On the 3rd of November, four were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 21st of November, three were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band). On the 29th of December, three were observed flying for a total of twelve seconds (twelve seconds within the 20–50m height band). On the 30th of January, three were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 24th of March, eight were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band).

At VP4, three observations were recorded. On the 16th of October, four were observed flying for a total of eight seconds (eight seconds within the 20–50m height band). Later on the 16th of October, five were observed flying for a total of twenty-three seconds (twenty-three seconds within the 50–100m height band). On the 27th of November, two were observed flying for a total of eleven seconds (eleven seconds within the 20–50m height band).

At VP6, four observations were recorded. On the 1st of October, three were observed flying for a total of forty-one seconds (fourteen seconds within the 20–50m height band and twenty-seven seconds within the 50–100m height band). On the 7th of February, one was observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band). Later on the 24th of February, one was observed flying for a total of thirty-seven seconds (thirty-seven seconds within the 20–50m height band). On the 7th of February, one was observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band).

At VP7, one observation was recorded. On the 22nd of October, seven were observed flying for a total of twenty-five seconds (ten seconds within the 20–50m height band and fifteen seconds within the 50–100m height band), and the notes indicated the birds were flushed by a hen harrier.

At VP8, two observations were recorded. On the 16th of January, one was observed flying for a total of twenty-one seconds (sixteen seconds within the 20–50m height band and five seconds within the 50–100m height band). Later on the 16th of January, one was observed flying for a total of thirteen seconds (thirteen seconds within the 20–50m height band).

At VP14, one observation was recorded. On the 10th of November, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band).

Summer 2024

Snipe were observed fourteen times within the 500m turbine buffer during the Spring Migration 2024 and Summer 2024 seasons. At VP2, nine observations were recorded. On the 22nd of March, two were observed flying for a total of seven seconds (seven seconds within the 20–50m height band). On the 4th of April, two were observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 31st of May, two were observed flying for a total of thirty-one seconds (twenty-one seconds within the 20–50m height band and ten seconds within the 50–100m height band). On the 10th of June, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated flying low. On the 24th of June, one was observed flying for a total of one hundred and eighty seconds (one hundred and seventy-five seconds within the 20–50m height band and five seconds within the 0–20m height band), and the notes indicated drumming. On the 8th of July, one was observed flying for a total of eight hundred and twenty seconds (one hundred seconds within the 20–50m height band, one hundred seconds within the 50–100m height band and six hundred seconds within the 100–200m height band), and the notes indicated displaying and drumming. On the 12th of July, one was observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). Later on the 12th of July, one was observed flying for a total of ten seconds (ten seconds within the 20–50m height band). On the 15th of August, one was observed flying for a total of six seconds (six seconds within the 20–50m height band). On the 30th of August, two were observed flying for a total of nine seconds (nine seconds within the 20–50m height band). On the 9th of September, one was observed flying for a total of fourteen seconds (ten seconds within the 50–100m height band and four seconds within the 100–200m height band), and the notes indicated flying. On the 24th of September, two were observed flying for a total of eight seconds (ten seconds above one hundred m), and the notes indicated that the birds were flushed by a dog walker.

At VP6, two observations were recorded. On the 13th of April, one was observed flying for a total of eight seconds (eight seconds within the 20–50m height band). On the 18th of June, one was observed flying for a total of five hundred and forty seconds (five hundred and forty seconds within the 100–200m height band), and the notes indicated displaying.

At VP14, three observations were recorded. On the 20th of April, one was observed flying for a total of five seconds (five seconds within the 20–50m height band). On the 7th of May, one was observed flying for a total of seventeen seconds (seventeen seconds within the 20–50m height band). On the 13th of July, three were observed flying for a total of three hundred and ninety-five seconds (one hundred and fifty seconds within the 20–50m height band, one hundred and eighty seconds within the 50–100m height band and fifty seconds within the 100–200m height band), and the notes indicated displaying and possible territorial disputes. On the 9th of September, one was observed flying for a total of twenty-two seconds (twenty seconds within the 50–100m height band and two seconds within the 100–200m height band), and the notes indicated that the sex and age were undefined.

All other observations were located outside the 500m turbine buffer. At VP4, one observation was recorded. On the 31st of August, one was observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band), and the notes indicated that the bird was calling as it moved to a feeding spot in a drain.

At VP11, one observation was recorded. On the 1st of September, one was observed flying for a total of ten seconds (five seconds within the 20–50m height band and five seconds within the 50–100m height band), and the notes indicated that the bird was calling.

At VP2, two observations were recorded. On the 9th of September, one was observed flying for a total of fourteen seconds (ten seconds within the 50–100m height band and four seconds above one hundred m), and the notes indicated flying. On the 24th of September, two were observed flying for a total of eight seconds (eight seconds within the 50–100m height band), and the notes indicated that the birds were flushed by a dog walker.

At VP7, one observation was recorded. On the 9th of September, two were observed flying for a total of twenty-two seconds (twenty seconds within the 50–100m height band and two seconds within the 100–200m height band), and the notes indicated that the age and sex were undefined.

At VP14, one observation was recorded. On the 9th of September, one was observed flying for a total of twenty-two seconds (twenty seconds within the 50–100m height band and two seconds within the 100–200m height band), and the notes indicated that the sex and age were undefined.

At VP3, one observation was recorded. On the 4th of September, one was observed flying for a total of nine seconds (nine seconds within the 50–100m height band), and the notes indicated flying.

Winter 2024/2025

Snipe were observed twenty-six times during the 2024–2025 season. At VP6, seven observations were recorded. On the 2nd of October, five were observed flying for a total of nineteen seconds (nineteen seconds within the 20–50m height band), and the notes indicated that age and gender were undefined. On the 3rd of October, five were observed flying for a total of fifty-five seconds (nine seconds within the 20–50m height band, ten seconds within the 50–100m height band, forty-six seconds within the 100–200m height band and twenty seconds above two hundred m), and the notes indicated that the bird circled and then landed in amongst heather. On the 16th of November, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated that the bird was flushed. On the 18th of January, one was observed flying for a total of five seconds (five seconds within the 20–50m height band), and the notes indicated calling. On the 7th of February, one was observed flying for a total of twenty-one seconds (twenty-one seconds within the 50–100m height band). On the 19th of March, two were observed flying for a total of sixty-five seconds (sixty-five seconds within the 20–50m height band), and the notes indicated drumming.

At VP2, ten observations were recorded. On the 23rd of October, one was observed flying for a total of six seconds (six seconds within the 50–100m height band). On the 28th of October, four were observed flying for a total of ten seconds (ten seconds within the 50–100m height band). On the 24th of November, two were observed flying for a total of six seconds (six seconds within the 50–100m height band). On the 10th of December, four were observed flying for a total of seven seconds (seven seconds within the 50–100m height band). On the 18th of December, two were observed flying for a total of eight seconds (eight seconds within the 50–100m height band). Later on the same date, three were observed flying for a total of twelve seconds (twelve seconds within the 50–100m height band). On the 20th of January, six were observed flying for a total of nineteen seconds (fourteen seconds within the 50–100m height band and five seconds within the 100–200m height band). On the 6th of February, three were observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band). On the 10th of March, two were observed flying for a total of twelve seconds (twelve seconds within the 50–100m height band). On the 26th of March, three were observed flying for a total of eight seconds (eight seconds within the 50–100m height band).

At VP5, seven observations were recorded. On the 28th of October, one was observed flying for a total of thirty-four seconds (nine seconds within the 20–50m height band, thirty seconds within the 50–100m height band, ten seconds within the 100–200m height band and five seconds above two hundred m), and the notes indicated that the bird was flushed, flew in a zigzag and called once. Later on the 28th of October, one was observed flying for a total of eight seconds (eight seconds within the 50–100m height band), and the notes indicated zigzag flight into undergrowth. A further observation that day recorded one flying for a total of five seconds (five seconds within the 0–20m height band), and the notes indicated a flushed zigzag flight accompanied by calling. Another observation that day recorded one flying for a total of twenty-seven seconds (seventeen seconds within the 20–50m height band, thirty seconds within the 50–100m height band and ten seconds within the 100–200m height band), and the notes indicated flushed zigzag flight. The final observation that day recorded one flying for a total of eleven seconds (eleven seconds within the 50–100m height band), and the notes indicated a single call during zigzag flight. On the 16th of November, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated that the bird was flushed. On the 28th of October, one more observation recorded one flying for a total of four seconds (four seconds within the 0–20m height band), and the notes indicated a single call in flight.

At VP14, two observations were recorded. On the 2nd of October, eight were observed flying for a total of twenty-three seconds (twenty seconds within the 20–50m height band and three seconds within the 50–100m height band), and the notes indicated flying south. On the 27th of December, one was observed flying for a total of seven seconds (seven seconds within the 0–20m height band), and the notes indicated calling in flight.

At VP3, one observation was recorded. On the 28th of October, one was observed flying for a total of thirty-four seconds (thirty seconds within the 50–100m height band and four seconds within the 100–200m height band), and the notes indicated flushed zigzag flight and calling once.

All other observations were located outside the 500m turbine buffer.

At VP1, On the 23rd of October, fifteen were observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). On the 12th of January, five were observed flying for a total of eight seconds (eight seconds within the 50–100m height band). On the 21st of January, fifteen were observed flying for a total of fifteen seconds (fifteen seconds within the 50–100m height band). On the 20th of March, eight were observed flying for a total of eight seconds (eight seconds within the 50–100m height band). On the 24th of March, eight were observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band).

At VP 2, On the 23rd of October, one was observed flying for a total of eight seconds (eight seconds within the 20–50m height band), and the notes indicated that the bird flew off calling. On the 20th of November, nine were observed flying for a total of twelve seconds (twelve seconds within the 50–100m height band). On the 18th of December, two were observed flying for a total of eight seconds (eight seconds within the 50–100m height band). Later on the same date, three were observed flying for a total of twelve seconds (twelve seconds within the 50–100m height band). On the 20th of January, six were observed flying for a total of nineteen seconds (fourteen seconds within the 50–100m height band and five seconds within the 100–200m height band). On the 6th of February, three were observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band). On the 10th of March, two were observed flying for a total of twelve seconds (twelve seconds within the 50–100m height band). On the 26th of March, three were observed flying for a total of eight seconds (eight seconds within the 50–100m height band).

At VP4, five observations were recorded. On the 3rd of October, one was observed flying for a total of thirty-three seconds (thirty-one seconds within the 50–100m height band and two seconds within the 100–200m height band), and the notes indicated flying. On the 23rd of October, one was observed flying for a total of twenty-two seconds (twenty-two seconds within the 20–50m height band). On the 24th of March, four were observed flying for a total of eighteen seconds (eighteen seconds within the 50–100m height band). On the 28th of October, one was observed flying for a total of thirty-four seconds (nine seconds within the 20–50m height band, thirty seconds within the 50–100m height band, ten seconds within the 100–200m height band and five seconds above two hundred m), and the notes indicated flushed zigzag flight with calling. On the 26th of March, three were observed flying for a total of eight seconds (eight seconds within the 50–100m height band).

At VP5, eight observations were recorded. On the 28th of October, one was observed flying for a total of thirty-four seconds (nine seconds within the 20–50m height band, thirty seconds within the 50–100m height band, ten seconds within the 100–200m height band and five seconds above two hundred m), and the notes indicated flushed zigzag flight and calling once. Later on the 28th of October, one was observed flying for a total of eight seconds (eight seconds within the 50–100m height band), and the notes indicated zigzag flight into undergrowth. A further observation on the same date recorded one flying for a total of five seconds (five seconds within the 0–20m height band), with notes indicating flushing and zigzag flight with calling. Another observation on the same date recorded one flying for a total of twenty-seven seconds (seventeen seconds within the 20–50m height band, thirty seconds within the 50–100m height band and ten seconds within the 100–200m height band), and the notes again indicated flushed zigzag flight. A further observation that day recorded one flying for a total of eleven seconds (eleven seconds within the 50–100m height band), and the notes indicated a single call during zigzag flight. On the 16th of November, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated that the bird was flushed. A later observation at this VP recorded one flying for a total of four seconds (four seconds within the 0–20m height band), and the notes indicated a single call in flight. On the 29th of October, three were observed flying for a total of fifty-nine seconds (twenty-eight seconds within the 20–50m height band, thirty-one seconds within the 50–100m height band and ten seconds within the 100–200m height band), and the notes indicated age and gender undefined.

At VP6, twelve observations were recorded. On the 2nd of October, five were observed flying for a total of nineteen seconds (nineteen seconds within the 20–50m height band), and the notes indicated age and gender undefined. On the 3rd of October, five were observed flying for a total of fifty-five seconds (nine seconds within the 20–50m height band, ten seconds within the 50–100m height band, forty-six seconds within the 100–200m height band and twenty seconds above two hundred m), and the notes indicated that the bird circled and landed in heather. On the 16th of November, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated flushing. On the 18th of January, one was observed flying for a total of five seconds (five seconds within the 20–50m height band), and the notes indicated calling. On the 7th of February, one was observed flying for a total of twenty-one seconds (twenty-one seconds within the 50–100m height band). On the 19th of March, two were observed flying for a total of sixty-five seconds (sixty-five seconds within the 20–50m height band), and the notes indicated drumming. On the 20th of March, eight were observed flying for a total of eight seconds (eight seconds within the 50–100m height band). On the 14th of January, two were observed flying for a total of seven seconds (seven seconds within the 50–100m height band). On the 6th of February, three were observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band). On the 10th of December, one was observed flying for a total of eight seconds (eight seconds within the 50–100m height band). On the 27th of December, one was observed flying for a total of twenty-three seconds (eighteen seconds within the 20–50m height band and five seconds above one hundred m), and the notes indicated flushed by a person tending horses. On the 2nd of February, one was observed flying for a total of six seconds (six seconds within the 50–100m height band), and the notes indicated age and sex undefined.

At VP7, eight observations were recorded. On the 16th of November, one was observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated that the bird was flushed. On the 22nd of February, one was observed flying for a total of fifteen seconds (fifteen seconds within the 50–100m height band), and the notes indicated flushing near the vantage point. On the 18th of January, one was observed flying for a total of twenty-one seconds (twenty-one seconds within the 50–100m height band). On the 2nd of February, one was observed flying for a total of six seconds (six seconds within the 50–100m height band), and the notes indicated age and sex undefined. On the 29th of October, three were observed flying for a total of fifty-nine seconds (twenty-eight seconds within the 20–50m height band, thirty-one seconds within the 50–100m height band and ten seconds within the 100–200m height band), and the notes indicated that the birds' age and gender were undefined. On the 30th of November, five were observed flying for a total of one hundred and sixty seconds (one hundred and thirty-seven seconds within the 20–50m height band, fifty seconds within the 50–100m height band and twenty-three seconds within the 100–200m height band). On the 18th of January, six were observed flying for a total of twenty-one seconds (twenty-one seconds within the 50–100m height band). On the 29th of March, two were observed flying for a total of fifteen seconds (fifteen seconds within the 50–100m height band).

At VP8, one observation was recorded. On the 27th of December, one was observed flying for a total of twenty-three seconds (eighteen seconds within the 20–50m height band and five seconds above one hundred m).

At VP14, eleven observations were recorded. On the 1st of October, one was observed flying for a total of seven seconds (seven seconds within the 50–100m height band), and the notes indicated calling in flight. Later on the 1st of October, eight were observed flying for a total of twenty-three seconds (twenty seconds within the 20–50m height band and three seconds within the 50–100m height band), and the notes indicated that the birds were flying south. On the 9th of December, one was observed flying for a total of ten seconds (ten seconds within the 50–100m height band), and the notes indicated zigzag flight with calling. On the 27th of December, one was observed flying for a total of seven seconds (seven seconds within the 20–50m height band), and the notes indicated calling in flight. On the 15th of January, one was observed flying for a total of fifteen seconds (fifteen seconds within the 20–50m height band). A later observation on the same date recorded one flying for a total of twenty-three seconds (twenty-three seconds within the 50–100m height band). On the 2nd of February, one was observed flying for a total of seven seconds (seven seconds within the 50–100m height band), and the notes indicated that the bird was a jack snipe. On the 18th of February, one was observed flying for a total of fourteen seconds (fourteen seconds within the 50–100m height band). On the 29th of March, two were observed flying for a total of fifteen seconds (fifteen seconds within the 50–100m height band). Later on the same date, two were observed flying for a total of eighteen seconds (eighteen seconds within the 50–100m height band). The final observation at this VP recorded one flying for a total of ten seconds (ten seconds within the 50–100m height band).

4.2.35 Sparrowhawk

Winter 2020/2021

Sparrowhawk was recorded on 22 occasions during winter 2020/2021 VP surveys. Eight of these observations were located within the 500m turbine buffer. The first observation occurred on the 28th of October, when one sparrowhawk was recorded from VP6, flying for 11 seconds, including 11 seconds within the 20–50 m height band. On the 22nd of November, a single sparrowhawk was observed from VP14, flying for 52 seconds, including 22 seconds within 20–50 m and 30 seconds within 50–100 m. Further activity was noted in early winter. On the 5th of December, one sparrowhawk from VP5 flew for 20 seconds within the 20–50 m height band. On the 16th of January, a single bird was observed from VP2, flying for 5 seconds, entirely within the 100–200 m band, with a note of rapid flight in and out of the site. On the 30th of January, a sparrowhawk from VP14 flew for 30 seconds within the 20–50 m height band. In February, one sparrowhawk was recorded from VP5 on the 6th, flying for 42 seconds, entirely within the 50–100 m height band. Later that month, on the 25th of February, two sparrowhawks were recorded from VP6, flying for 137 seconds, including 37 seconds within 20–50 m and 100 seconds within 50–100 m. On the 6th of March, one sparrowhawk was recorded from VP5, hunting for 20 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. One sparrowhawk was recorded from VP1 on the 25th of November, flying for three seconds within the 0–20 m height band while hunting through roadside vegetation. Two observations were made from VP4, on the 23rd of January, one female sparrowhawk was observed hunting for 24 seconds (10 seconds within 0–20 m and 14 seconds within the 20–50 m height band). On the 16th of March, a single female was observed flying for 8 seconds within the 0–20 m band. One female sparrowhawk was recorded from VP6 on the 24th of December, engaging in display behaviour for 208 seconds (50 seconds within the 0–20 m band and 158 seconds within the 20–50 m band). Three observations occurred at VP7, on the 26th of October, one sparrowhawk flew for 10 seconds within the 20–50 m height band. On the 11th of January, one individual flew for 13 seconds within the 0–20 m band, followed later the same day by another which flew for a total of 17 seconds (14 seconds within 0–20 m and 3 seconds within 20–50 m). Multiple records were made from VP8. On the 23rd of October, one sparrowhawk flew for 12 seconds within the 0–20 m band. On the 26th of October, a female flew for 30 seconds within the 50–100 m band. Individual sparrowhawk were observed for 2 seconds within 0–20 m on the 12th of November, 5 seconds within 0–20 m on the 4th of December, 7 seconds within 0–20 m on the 6th of January, 5 seconds within 0–20 m on the 25th of February, and 9 seconds within 0–20 m on the 20th of March.

Summer 2021

Nine of these observations were located within the 500m turbine buffer. On the 3rd of April, one sparrowhawk was recorded from VP4, flying for a total of 282 seconds (153 seconds within 100–200 m and 129 seconds above 200 m), joining two buzzards soaring above 200m. On the 9th of April, one male sparrowhawk was observed from VP14, hunting for 59 seconds within the 0–20 m band. On the 1st of June, three sparrowhawks were recorded across the site. One female was observed from VP6, flying for 15 seconds within height band 0–20 m. One individual from VP14 flew for 20 seconds within 0–20 m, and one female from VP2 flew for 6 seconds, also within the 0–20 m height band. On the 4th of August, one sparrowhawk was recorded from VP2, flying for 13 seconds within 0–20 m, after catching prey.

On the 10th of August, one female sparrowhawk was recorded from VP5, flying and circling for 28 seconds within the 50–100 m height band. On the 4th of September, one sparrowhawk was observed from VP6, flying for 7 seconds within 0–20 m, being mobbed by redpolls. On the 18th of September, one individual was observed from VP5 flying for 15 seconds within the 0–20 m band. On the 25th of September, one sparrowhawk was observed from VP8 flying for 3 seconds within 0–20 m.

All other observations were outside the 500m turbine buffer. Three sparrowhawk observations were made from VP1. On the 3rd of June, one sparrowhawk flew for 48 seconds (11 seconds within the 0–20 m height band and 37 seconds within 20–50 m). On the 6th of July, a female sparrowhawk flew for total of 274 seconds (43 seconds within 20–50 m, 145 seconds within 50–100 m, and 86 seconds within 100–200 m). On the 4th of September, one female sparrowhawk flew for 4 seconds within the 0–20 m band.

Two observations were made from VP4 on the 1st of July. One female sparrowhawk was observed circling and soaring for 178 seconds (69 seconds within 20–50 m and 109 seconds within 50–100 m). Later the same day, another sparrowhawk flew for a total of 210 seconds, within the 20–50 m height band.

Two observations were made from VP7. On the 18th of April, a sparrowhawk was recorded but no flight height bands recorded. On the 7th of May, a male sparrowhawk flew for 4 seconds within the 0–20 m height band.

Two observations were made from VP8. On the 19th of April, one sparrowhawk flew for 13 seconds within the 0–20 m height band. On the 25th of September, another sparrowhawk flew for 3 seconds, also within the 0–20 m band.

Winter 2021/2022

Sparrow hawk were observed on 16 occasions during the winter 2021/2022 season. 11 of these were located within the 500m turbine buffer.

On the 13th of October, one male sparrowhawk was observed from VP5, flying for 10 seconds within the 20–50 m height band during a dusk watch at a traditional hen harrier roost. On the 17th of October, one sparrowhawk was recorded from VP2, flying for 6 seconds within the 20–50 m height band, another individual was observed from VP2, flying for 11 seconds within the 20–50 m band. On the 10th of October, one sparrowhawk was recorded from VP2, flying for 10 seconds within the 20–50 m band. On the 24th of October, one sparrowhawk was observed from VP2, flying for 12 seconds within the 20–50 m height band. On the 2nd of December, one female sparrowhawk was recorded from VP5, flying for a total of 119 seconds (95 seconds within 20–50 m and 24 seconds within 50–100 m). On the 10th of December, one female sparrowhawk was observed engaging in displaying behaviour from VP5, for a total of 84 seconds (10 seconds within 20–50 m and 74 seconds within 50–100 m). On the 21st of December, one sparrowhawk was recorded from VP6, flying for 7 seconds within the 20–50 m band. On the 22nd of January, three sparrowhawks were recorded from VP5, flying for 220 seconds (60 seconds within 20–50 m and 160 seconds within 50–100 m). A female and male were flying together and were joined by another male that engaged in displaying behaviour.

On the 1st of March, one male sparrowhawk was recorded from VP5, circling for 156 seconds (2 seconds within 20–50 m and 154 seconds within 50–100 m).

On the 3rd of March, one female sparrowhawk was observed from VP5, circling over a traditional territory for 71 seconds within the 100–200 m band.

All other observations were outside the 500m turbine buffer. On the 30th of October, one sparrowhawk was recorded from VP1, flying for 9 seconds within the 0–20 m height band.

On the 16th of October, one male sparrowhawk was observed from VP8 flying for 12 seconds within the 0–20 m height band. On the 30th of October, one sparrowhawk flew for a total of 144 seconds (59 seconds within 0–20 m, 75 seconds within 20–50 m, and 10 seconds within 50–100 m). On the 20th of November, one sparrowhawk flew for 15 seconds within the 0–20 m height band. On the 11th of January, one male sparrowhawk was observed from VP4 flying for 42 seconds within the 0–20 m height band while hunting.

Summer 2022

Sparrowhawk were observed on 18 occasions during summer 2022 VP surveys. 10 of these observations were within the 500m turbine buffer. On the 9th of April, one sparrowhawk was recorded from VP2, flying for 10 seconds within the 20–50 m height band.

On the 12th of June, one female sparrowhawk was observed from VP6, flying for 35 seconds (35 seconds within the 50–100 m height band) and engaging in a small display dive. On the 14th of June, one female sparrowhawk was recorded from VP5, flying for 17 seconds within the 20–50 m band while carrying prey. Later the same day, one male sparrowhawk from VP5 flew for 124 seconds (21 seconds within 20–50 m, 45 seconds within 50–100 m, and 58 seconds within 100–200 m). On the 16th of July, one male sparrowhawk was recorded from VP5, flying for 16 seconds within the 20–50 m band. Later that day at VP5, one male sparrowhawk flew for 32 seconds within the 20–50 m band. One more sparrowhawk was recorded from VP5 flying for 688 seconds, including 14 seconds within 50–100 m, 38 seconds within 100–200 m, and 431 seconds above 200 m. A further male sparrowhawk then flew for 319 seconds, comprising 31 seconds within 20–50 m, 52 seconds within 50–100 m, and 44 seconds within 100–200 m. On the 26th of July, one sparrowhawk was observed from VP2, flying for 6 seconds within the 20–50 m height band. Later the same day, another sparrowhawk was observed at VP2 flying carrying prey for 137 seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer.

On the 15th of April, one sparrowhawk was observed from VP1 flying for 5 seconds within the 0–20 m height band. On the 26th of July, one sparrowhawk flew for 48 seconds within the 100–200 m band. On the 6th of July, one sparrowhawk was observed from VP4 flying for 17 seconds within the 0–20 m height band.

On the 4th of June, one female sparrowhawk was observed from VP7 flying for 34 seconds within the 0–20 m band while hunting. On the 25th of August, two sparrowhawks were observed flying for 42 seconds within the 0–20 m band.

On the 25th of June, one female sparrowhawk was observed from VP8 flew for 52 seconds within the 0–20 m band. On the 15th of August, one sparrowhawk flew for 22 seconds within the 0–20 m band, hunting along the railway line. On the 13th of September, one female sparrowhawk flew for 15 seconds within the 0–20 m band.

Winter 2022/2023

Sparrowhawk were observed on 16 occasions during the winter 2022/2023 VP surveys. 10 of these were located within the 500m turbine buffer. On the 8th of October 2022, one male sparrowhawk was recorded from VP6, flying for 36 seconds within the 20–50 m height band. On the 1st of October 2022, one female sparrowhawk was observed from VP14, flying for 15 seconds within the 20–50 m band, noted as being mobbed by 20 meadow pipits. On the 13th of October 2022, one sparrowhawk was recorded from VP2, flying for 12 seconds within the 20–50 m band. On the 4th of December 2022, one sparrowhawk was observed from VP2, flying for 7 seconds within the 20–50 m height band. On the 6th of December 2022, one male sparrowhawk was recorded from VP5, flying for 25 seconds within the 50–100 m height band. On the 9th of January 2023, one sparrowhawk was recorded from VP2, flying for 7 seconds within the 20–50 m band. On the 21st of January 2023, one female sparrowhawk was observed from VP5, flying for 94 seconds, all within the 50–100 m band, noted as displaying. On the 23rd of January 2023, one sparrowhawk was recorded from VP2, flying for 8 seconds within the 20–50 m height band. On the 20th of February 2023, one sparrowhawk was observed from VP2, flying for 5 seconds within the 20–50 m band. On the 6th of March 2023, one sparrowhawk was recorded from VP2, flying for 12 seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer. One sparrowhawk was observed from VP1 flying for 12 seconds within the 0–20 m height band. Another sparrowhawk from VP1 flew for 8 seconds within the 0–20 m band. A further sparrowhawk from VP1 flew for 30 seconds within the 0–20 m height band. One male sparrowhawk was observed from VP6 flying for a total of 167 seconds (10 s within 0–20 m, 157 s within 20–50 m), noted as mobbing ravens and a kestrel. One male sparrowhawk was observed from VP8 flying for 42 seconds within the 50–100 m height band. One female sparrowhawk was observed from VP7 flying for a total of 58 seconds (10 s within 0–20 m, 48 s within 20–50 m).

Summer 2023

Sparrowhawk were observed on 16 occasions during summer 2023 VP surveys. Nine of these observations were located within the 500m turbine buffer. On the 13th of April, one female sparrowhawk was recorded from VP5, flying for 164 seconds (15 seconds within the 20–50 m band and 149 seconds within the 50–100 m band), circling over birch woodland and mobbed by hen harrier. On the 5th of May, one sparrowhawk was observed from VP2, flying for 54 seconds within the 50–100 m height band. On the 13th of May, two male sparrowhawks were recorded from VP5, each flying for 25 seconds within the 20–50 m band, carrying prey. On the 24th of June, one female sparrowhawk was observed from VP5, flying for 36 seconds within the 50–100 m band. On the 25th of July, one sparrowhawk was recorded from VP2, flying for 22 seconds within the 20–50 m band. On the 30th of August, one sparrowhawk was observed from VP2, flying for 5 seconds within the 20–50 m band. On the 20th of August, one sparrowhawk was recorded from VP6, flying for 5 seconds within the 20–50 m band. On the 14th of September, one sparrowhawk was observed from VP14, flying for 19 seconds within the 50–100 m band. On the 20th of August, one male sparrowhawk was recorded from VP5, flying for 15 seconds within the 20–50 m height band.

All other observations were located outside the 500m turbine buffer.

One sparrowhawk was observed from VP8 flying for 38 seconds within the 50–100 m height band on the 6th of August. Another sparrowhawk from VP8 flew for 138 seconds within the 50–100 m band on the 1st of August, noted as mobbed by starling and hooded crow. One sparrowhawk was observed from VP7 flying for 5 seconds within the 0–20 m band on the 10th of June. Another sparrowhawk from VP7 flew for 14 seconds within the 0–20 m band on the same date. A further sparrowhawk from VP7 flew for 42 seconds within the 0–20 m band on the 25th of August. One sparrowhawk was observed from VP4 flying for a total of 74 seconds (7 s within 0–20 m, 67 s within 20–50 m) on the 31st of August. One sparrowhawk was observed from VP1 flying for 33 seconds within the 0–20 m band on the 25th of April. One sparrowhawk was observed from VP2 flying for 25 seconds within the 0–20 m band on the 27th of March. Another sparrowhawk from VP2 flew for 10 seconds within the 0–20 m band on the 9th of April.

Winter 2023/2024

Sparrowhawk were observed on 25 occasions during the winter 2023/2024 VP surveys. 13 of these were located within the 500m turbine buffer. On the 6th of October 2023, one female sparrowhawk was recorded from VP6, flying for 11 seconds (2 seconds within 20–50 m and 9 seconds within 50–100 m). On the 10th of October 2023, one female sparrowhawk was observed from VP6, flying for 17 seconds within the 20–50 m height band. On the 3rd of November 2023, one sparrowhawk was recorded from VP6, flying for 15 seconds within the 20–50 m band. On the 7th of November 2023, one sparrowhawk was observed from VP5, flying for 12 seconds within the 20–50 m band. On the 2nd of December 2023, one male sparrowhawk was recorded from VP14, flying for 18 seconds within the 20–50 m band. On the 2nd of December 2023, one male sparrowhawk was recorded from VP6, flying for 42 seconds, including 13 seconds within 20–50 m and 29 seconds within 50–100 m. On the 29th of December 2023, one sparrowhawk was observed from VP2, flying for 6 seconds within the 20–50 m band. On the 7th of February 2024, one male sparrowhawk was recorded from VP5, flying for 42 seconds within the 50–100 m band. On the 24th of February 2024, one male sparrowhawk was recorded from VP6, flying for 43 seconds, including 24 seconds within 20–50 m and 19 seconds within 50–100 m. On the 24th of February 2024, another male sparrowhawk was recorded from VP6, flying for 16 seconds within the 20–50 m band. On the 24th of February 2024, one female sparrowhawk was recorded from VP7, flying for 81 seconds within the 50–100 m band, with soaring behaviour noted. On the 3rd of March 2024, one male sparrowhawk was observed from VP5, flying for 17 seconds, including 5 seconds within 20–50 m and 12 seconds within 50–100 m. On the 15th of March 2024, one sparrowhawk was recorded from VP2, flying for 5 seconds within the 20–50 m band.

All other observations were outside the 500m turbine buffer. One sparrowhawk was observed from VP7 flying for 28 seconds within the 0–20 m band on the 1st of October 2023. Another sparrowhawk from VP7 was recorded on the 22nd of October. A further sparrowhawk from VP7 flew for 26 seconds within the 0–20 m band on the 30th of March. One sparrowhawk was observed from VP1 flying for 53 seconds within the 50–100 m height band on the 26th of October (soaring). Another sparrowhawk from VP1 flew for 65 seconds within the 100–200 m band on the 7th of November (mobbed by crow). A further sparrowhawk from VP1 flew for 12 seconds within the 20–50 m band on the 27th of November. Another sparrowhawk from VP1 flew for 7 seconds within the 0–20 m band on the 30th of January. One sparrowhawk was observed from VP4 flying for 7 seconds within the 0–20 m band on the 30th of October. Another sparrowhawk from VP4 flew for 6 seconds within the 0–20 m band on the 15th of November. A further sparrowhawk from VP4 flew for 28 seconds within the 50–100 m band on the 29th of December. One sparrowhawk was observed from VP2 flying for 7 seconds within the 0–20 m band on the 7th of February. One sparrowhawk was observed from VP8 flying for 15 seconds within the 0–20 m band on the 2nd of March.

Summer 2024

Sparrowhawk was observed on 18 occasions during the summer 2024 VP surveys. 12 of these were located within the 500m turbine buffer. On the 10th of October 2023, one female sparrowhawk was recorded from VP6, flying for 17 seconds within the 20–50 m height band. On the 30th of March 2024, one sparrowhawk was observed from VP5, flying for a total of 64 seconds (19 s within 20–50 m, 45 s within 50–100 m). On the 27th of May 2024, a male sparrowhawk was recorded from VP5, flying for 23 seconds within the 20–50 m band. On the 27th of May 2024, a male sparrowhawk from VP5 flew for a total of 18 seconds (3 s within 20–50 m, 15 s within 50–100 m), with prey into forestry. On the 27th of May 2024, a male sparrowhawk from VP5 flew for a total of 20 seconds (10 s within 20–50 m, 10 s within 50–100 m), with prey to the same place in forestry as the previous watch. On the 18th of June 2024, one sparrowhawk was observed from VP6, flying for 63 seconds within the 20–50 m band, a male carrying large prey (blackbird?) toward a nest site found the previous month. On the 18th of June 2024, one adult male sparrowhawk was recorded from VP6, hunting for 21 seconds (no flight-height band recorded). On the 19th of June 2024, one male sparrowhawk was observed from VP14, with prey, flying for 14 seconds (no flight-height band recorded). On the 24th of June 2024, one male sparrowhawk was recorded from VP2, hunting for 16 seconds (no flight-height band recorded). On the 8th of July 2024, one sparrowhawk was observed from VP2, flying for a total of 72 seconds (10 s within 0–20 m, 42 s within 20–50 m), hunting then soaring. On the 10th of August 2024, one juvenile sparrowhawk was recorded from VP6, hunting for 21 seconds within the 0–20 m band. On the 24th of September 2024, one sparrowhawk was observed from VP2, hunting for 16 seconds (no flight-height band recorded).

All other observations were outside the 500m turbine buffer. One sparrowhawk was observed from VP1 flying for 8 seconds within the 0–20 m height band on the 29th of July, mobbed by hooded crow. One sparrowhawk was observed from VP2 flying for 18 seconds within the 20–50 m band on the 9th of September, mobbed by hooded crows. One sparrowhawk was observed from VP4 flying for a total of 644 seconds (55 s within 20–50 m, 35 s within 50–100 m, 80 s within 100–200 m, 474 s >200 m) on the 7th of July. One sparrowhawk was observed from VP7 flying for 98 seconds within the 50–100 m band on the 9th of September, circling/soaring. One sparrowhawk was observed from VP8 flying for 18 seconds within the 0–20 m band on the 24th of May. Another sparrowhawk from VP8 flew for 24 seconds on the 1st of August (height band not recorded), female hunting. A further sparrowhawk from VP8 flew for 17 seconds within the 0–20 m band on the 9th of September, male hunting.

Winter 2024/2025

Sparrowhawk were observed on 13 occasions during the winter 2024/2025 VP surveys. 10 were located within the 500m turbine buffer. On the 24th of November 2024, one sparrowhawk was recorded from VP2, hunting for 12 seconds within the 0–20 m height band. One adult male sparrowhawk was recorded from VP6, foraging for 15 seconds within the 0–20 m band. On the 26th of November 2024, one adult male sparrowhawk was observed from VP2, foraging for 12 seconds within the 0–20 m band. On the 14th of December 2024, one adult male sparrowhawk was recorded from VP5, territorial display with slow wing flaps (only a few short stoops) for a total of 626 seconds (2 s within 0–20 m, 134 s within 20–50 m, 325 s within 50–100 m, 165 s within 100–200 m).On the 14th of December 2024, one adult male sparrowhawk was observed from VP5, mobbed by hooded crow, flying for 68 seconds within the 20–50 m band. On the 17th of January 2025, one adult male sparrowhawk was recorded from VP5, displaying, for a total of 178 seconds (1 s within 0–20 m, 2 s within 20–50 m, 175 s within 50–100 m), and went down a little south of previous nest sites. On the 17th of January 2025, one sparrowhawk was observed from VP5, soaring and gliding, flying for 27 seconds within the 50–100 m band. On the 2nd of March 2025, one adult male sparrowhawk was observed from VP5 in a known territory, flying for a total of 234 seconds (26 s within 0–20 m, 208 s within 20–50 m).On the 19th of March 2025, one adult female sparrowhawk was recorded from VP6, soaring and flying toward traditional territory, flying for 284 seconds within the 20–50 m band. On the 24th of March 2025, one adult female sparrowhawk was observed from VP2, circling (display), flying for 35 seconds within the 20–50 m band.

All other observations were outside the 500m turbine buffer. One sparrowhawk was observed from VP8 flying for 70 seconds (height band not recorded) on the 24th of November 2024, mobbed by hooded crows. Another sparrowhawk from VP8 flew for 14 seconds (height band not recorded) on the 9th of March 2025, adult male foraging. One sparrowhawk was observed from VP7 flying for 52 seconds (height band not recorded) on the 2nd of March 2025, adult male displaying.

4.2.36 Starling

The amber-listed starling was observed on two occasions during VP surveys. Both observations were within the 500m turbine buffer. There were no records of starling during winter 2020/2021, winter 2022/2023-2024/2025 VP surveys or during any summer VP surveys,

Winter 2021/2022

Starling were recorded twice during the winter 2021/2022 VP surveys. Both observations were within the 500m turbine buffer. On the 18th of December starling were observed north of VP6. On the 22nd of January starling were recorded flying close to T08, from VP5.

4.2.37 Stock Dove

The amber-listed stock dove was observed on two occasions during VP surveys. Both observations were within the 500m turbine buffer. There were no records of stock dove during winter 2020/2021-2023/2024 or summer 2021-2023 summer VP surveys.

Winter 2024/2025

Stock dove were recorded twice during the winter 2024/2025 VP surveys. On the 6th of February, three stock dove were observed flying within height band 0-20m for 32 seconds. They were noted to be commuting over cutover bog to the west of VP2, flying out of 500m turbine buffer. On the 10th of March, wo more were observed commuting inside the 500m turbine buffer west of VP2.

4.2.38 Swift

The red-listed swift was observed on 39 occasions during summer 2022, summer 2023 and summer 2024 VP surveys.

Summer 2022

Six observations of swift were located within the 500m turbine buffer. On the 19th of May, two swift were observed from VP2, flying within the 0–20 m height band for 47 seconds. On the 21st of May, two swifts were recorded from VP14, foraging continuously for 5820 seconds, with 3852 seconds within the 0–20 m height band and 1968 seconds within the 20–50 m band. Later the same day, four birds were noted from VP6, with a total flight duration of 1610 seconds, including 650 seconds within 0–20 m and 960 seconds within 20–50 m. On the 4th of June, six swift were recorded from VP7 flying over cutover bog at Longfordpass South Lakes. Four more swifts were observed from VP6 with a total flight duration of 390 seconds, including 210 seconds within 0–20 m and 180 seconds within 20–50 m. On the 14th of June, one swift was recorded from VP5, flying within the 20–50 m band for 21 seconds. On the 16th of July, one swift was observed from VP5, with a total flight duration of 77 seconds, including 30 seconds within 0–20 m and 47 seconds within 20–50 m.

All other observations were located outside the 500m turbine buffer. On the 25th of May, three observations were made from VP1. A single swift was recorded flying within the 20–50 m band for 36 seconds. Another individual was noted within the 20–50 m band for 17 seconds. Another swift was observed within the 20–50 m band, for 15 seconds. These observations were located outside the site.

On the 13th of June, one swift was observed from VP4, flying for 48 seconds within the 0–20 m height band. Two more swifts were recorded at flying for 83 seconds, also within the 0–20 m band. On the 27th of June, one swift was noted from VP1, flying for 22 seconds within the 20–50 m height band. One swift was recorded from VP2, flying within the 50–100 m band for 158 seconds. On the 16th of July, one swift was observed from VP5, with a total flight duration of 77 seconds, including 30 seconds within 0–20 m and 47 seconds within 20–50 m.

Summer 2023

Swift were observed on 12 occasions during the summer 2023 VP surveys. Five of these observations were located within the 500m turbine buffer. On the 30th of June, one swift was noted from VP2, flying for 26 seconds within the 0–20 m height band. On the 24th of July, five swifts were recorded from VP8, flying for 204 seconds within the 20–50 m height band. On the same date, four swifts were seen from VP7, flying for 565 seconds within 20–50 m, and an additional two swifts were observed from VP7, flying for 912 seconds within 20–50 m. On the 29th of July, one bird was recorded from VP14, flying for 164 seconds, split evenly between 0–20 m and 20–50 m (82 seconds each). A further three birds were recorded from the same VP, flying for 296 seconds, again split evenly between 0–20 m and 20–50 m (148 seconds each).

All other observations were outside the 500m turbine buffer. On the 3rd of June, one swift was observed from VP4, flying for 27 seconds within the 0–20 m height band. On the 24th of June, four swifts were recorded from VP6, with a total flight duration of 197 seconds, including 65 seconds within 0–20 m and 132 seconds within 20–50 m. On the same date, five swifts were observed from VP14, flying for 796 seconds, with 226 seconds within 0–20 m and 570 seconds within 20–50 m. On the 30th of June one individual was recorded from VP1, flying for 43 seconds within the 50–100 m band. On the 5th of July, two swifts were observed from VP4, with a total flight duration of 168 seconds comprising 46 seconds within 20–50 m, 60 seconds within 50–100 m, 52 seconds within 100–200 m, and 10 seconds above 200 m, with swifts noted rising high while feeding before departing north. On the 25th of July, one swift was observed from VP1, flying for 78 seconds within the 50–100 m height band.

Summer 2024

Swift were observed on 13 occasions during the summer 2024 VP surveys. Six of these were located within the 500m turbine buffer.

On the 18th of May, four swifts were recorded from VP6, with a total flight duration of 113 seconds, comprising 30 seconds within 0–20 m, 58 seconds within 20–50 m, and 25 seconds within 50–100 m. On the 27th of May, one swift was observed from VP6, flying for 63 seconds, including 23 seconds within 0–20 m and 40 seconds within 20–50 m. On the same date, eight swifts were recorded from VP6, with a total estimated flight duration of 4080 seconds, consisting of 480 seconds within 20–50 m, 1800 seconds within 50–100 m, and 1800 seconds within 100–200 m. Later that day, six swifts were recorded from VP6, flying for 3018 seconds, including 18 seconds within 20–50 m, 1500 seconds within 50–100 m, and 1500 seconds within 100–200 m. On the 19th of June, swifts were recorded from VP6, flying for 430 seconds, foraging and commuting close to T02. On the 23rd of July, one swift was recorded from VP5, hunting for 20 seconds close to T07.

All other observations were located outside the 500m turbine buffer. On the 18th of May, two swifts were observed from VP7, flying for 45 seconds within the 20–50 m height band. On the 30th of May, one swift was recorded from VP1, with no flight bands recorded. On the 8th of June, one swift was observed from VP8, flying for 41 seconds within the 20–50 m height band. On the same date, one swift was recorded from VP7, flying for 388 seconds within the 20–50 m band. On the 18th of June, one swift was observed from VP8, flying for 19 seconds while foraging. On the 2nd of July, one swift was observed from VP7, flying for 185 seconds while foraging. On the same date, two swifts were also recorded from VP7, flying for 138 seconds, foraging. Both observations were along the Longfordpass South Lakes.

4.2.39 Teal

Winter 2020/2021

Four observations of teal were located within the 500m turbine buffer. On the 24th of December 2020, 22 teal were observed from VP6 flying for 60 seconds within the 0–20 m band. On the 16th of January 2021, 24 teal were observed from VP14 flying for 27 seconds within the 20–50 m band, flushed by hunters. On the 25th of February 2021, 14 teal were observed from VP6 flying for 50 seconds within the 0–20 m band. On the 20th of March 2021, when 4 teal were observed from VP14 flying for 20 seconds within the 0–20 m band.

On the 4th of March 2021, 40 teal were observed from VP4 flying for 60 seconds within the 0–20 m band, with wigeon and teal disturbed by walkers noted.

Summer 2021

Three observations of teal were located within the 500m turbine buffer. On the 4th of August 2021, three teal were observed from VP5 flying for 10 seconds within the 0–20 m band. On the 10th of August 2021, seven teal were observed from VP6 flying for 16 seconds within the 50–100 m band. On the 21st of August 2021, twenty-five teal were observed from VP6 flying for 21 seconds within the 0–20 m band.

All other observations were located outside the 500m turbine buffer. On the 17th of August 2021, ten teal were observed from VP4 flying for 10 seconds within the 0–20 m band, and on the same date twenty teal were observed from VP7 flying for 30 seconds, including 10 seconds within the 0–20 m band and 20 seconds within the 20–50 m band. season concluded on the 25th of September 2021, when twenty-two teal were observed from VP7 flying for 38 seconds within the 0–20 m band.

Winter 2021/2022

Teal were observed within the 500m turbine buffer on five occasions. On the 16th of November 2021, sixteen teal were observed from VP14 flying for 48 seconds within the 0–20 m band, and twenty teal were observed from VP6 flying for 60 seconds, with 30 seconds within the 0–20 m band and 30 seconds within the 20–50 m band. On the 27th of December 2021, two teal were observed from VP2 flying for 16 seconds within the 0–20 m band. On the 20th of January 2022, four teal were observed from VP14 flying for 20 seconds within the 0–20 m band. On the 19th of February 2022, fourteen teal were observed from VP14 flying for 45 seconds within the 0–20 m band.

All other observations were located outside the 500m turbine buffer. On the 16th of October 2021, five teal were observed from VP1 flying for 19 seconds, including 4 seconds within the 0–20 m band and 15 seconds within the 20–50 m band, flushed by dog walkers. On the 24th of October 2021, three teal were observed from VP2 flying for 7 seconds within the 0–20 m band, flushed by locals.

On the 19th of December 2021, six teal were observed from VP1 flying for 12 seconds within the 0–20 m band. On the 28th of December 2021, fifteen teal were observed from VP1 flying for 49 seconds within the 20–50 m band, and five teal were later observed from VP1 flying for 33 seconds within the 0–20 m band.

On the 11th of January 2022, six teal were observed from VP1 flying for 16 seconds within the 0–20 m band, followed later the same day by two teal observed flying for 7 seconds within the 20–50 m band. On the 17th of January 2022, nine teal were observed from VP1 flying for 29 seconds within the 0–20 m band.

On the 22nd of January 2022, five teal were observed from VP1 flying for 12 seconds within the 0–20 m band; seven teal were later observed from VP1 flying for 23 seconds within the 0–20 m band; two teal were observed from VP1 flying for 12 seconds within the 0–20 m band; and twenty teal were observed from VP4 flying for 40 seconds, with 20 seconds within the 0–20 m band and 20 seconds within the 20–50 m band, numbers and time estimated.

On the 9th of February 2022, twelve teal were recorded from VP1 with no flight activity within CRM height bands. On the 19th of February 2022, fourteen teal were observed from VP14 flying for 45 seconds within the 0–20 m band. On the 27th of February 2022, fifteen teal were recorded from VP1 with no flight activity recorded.

On the 5th of March 2022, ten teal were observed from VP1 flying for 11 seconds within the 0–20 m band, and seven teal were observed from VP7 flying for 15 seconds within the 0–20 m band. The season concluded on the 21st of March 2022, when four teal were observed from VP1 flying for 19 seconds within the 0–20 m band.

Summer 2022

All observations were located outside the 500m turbine buffer. On the 18th of May 2022, three teal were observed from VP1 flying for 6 seconds within the 0–20 m band. On the 2nd of July 2022, three teal were observed from VP7 flying for 30 seconds within the 0–20 m band. On the 16th of August 2022, two teal were observed from VP1 flying for 20 seconds within the 0–20 m band. Later in August, on the 20th of August 2022, eighteen teal were observed from VP7 flying for 35 seconds within the 0–20 m band. The season concluded on the 5th of September 2022, when twelve teal were observed from VP1 flying for 23 seconds within the 0–20 m band, followed on the 17th of September 2022 by eight teal observed flying for 16 seconds within the 0–20 m band. Finally, on the 13th of September 2022, thirty teal were observed from VP7 flying for 50 seconds within the 0–20 m band.

Winter 2022/2023

One observation was located within the 500m turbine buffer. On the 5th of November 2022, seventeen teal were observed from VP7 flying for 79 seconds, with 10 seconds within the 0–20 m band and 69 seconds within the 20–50 m band.

All other observations were outside the turbine buffer. On the 2nd of October 2022, four teal were observed from VP1 flying for 18 seconds within the 0–20 m band. On the 13th of October 2022, seven teal were observed from VP1 flying for 12 seconds within the 0–20 m band. On the 18th of October 2022, ten teal were observed from VP1 flying for 14 seconds within the 0–20 m band. On the 4th of November 2022, twenty-six teal were observed from VP1 flying for 55 seconds, including 40 seconds within the 0–20 m band and 15 seconds within the 20–50 m band. On the 13th of November 2022, eighteen teal were observed from VP1 flying for 46 seconds within the 0–20 m band, and on the 27th of November 2022, twenty teal were observed from VP1 flying for 27 seconds within the 0–20 m band. On the 21st of December 2022, twelve teal were observed from VP1 flying for 16 seconds within the 0–20 m band.

Into the new year, on the 9th of January 2023, twenty teal were observed from VP1 flying for 85 seconds within the 0–20 m band, and later that day thirty-five teal were observed from VP7 flying for 49 seconds within the 0–20 m band. On the 23rd of January 2023, fourteen teal were observed from VP1 flying for 21 seconds within the 0–20 m band. On the 7th of February 2023, fifteen teal were observed from VP1 flying for 24 seconds within the 0–20 m band, and on the 19th of February 2023, twelve teal were observed from VP1 flying for 23 seconds within the 0–20 m band. On the 2nd of March 2023, twelve teal were observed from VP4 flying for 15 seconds within the 0–20 m band, followed later the same day by fifty teal observed from VP4 flying for 140 seconds, with 20 seconds within the 0–20 m band and 120 seconds within the 20–50 m band, Lapwing and Wigeon also flushed by a hen harrier — times estimated. On the 6th of March 2023, two teal were observed from VP1 flying for 23 seconds within the 0–20 m band, and the season concluded on the 23rd of March 2023 when fifteen teal were observed from VP1 flying for 48 seconds, including 18 seconds within the 0–20 m band and 30 seconds within the 20–50 m band.

Summer 2023

All observations were located outside the 500m turbine buffer. On the 19th of May 2023, one male teal was observed from VP7 flying for 19 seconds within the 0–20 m band. On the 1st of August 2023, one teal was observed from VP7 flying for 10 seconds within the 0–20 m band.

Winter 2023/2024

Two observations were located within the 500m turbine buffer. On the 4th of October 2023, seven teal were observed from VP14 flying for 28 seconds within the 0–20 m band. On the 4th of January 2024, forty teal were observed from VP14 flying for 96 seconds, including 38 seconds within the 0–20 m band and 58 seconds within the 20–50 m band.

All other observations were located outside the 500m turbine buffer. On the 16th of October 2023, two teal were observed from VP1 flying for 17 seconds within the 0–20 m band. On the 21st of October 2023, four teal were observed from VP7 flying for 30 seconds within the 0–20 m band. On the 22nd of October 2023, six teal were observed from VP1 flying for 17 seconds within the 0–20 m band, followed later the same day by two teal observed from VP2 flying for 11 seconds within the 0–20 m band. On the 7th of November 2023, thirteen teal were observed from VP1 flying for 23 seconds within the 0–20 m band. On the 27th of November 2023, twenty-two teal were observed from VP1 flying for 26 seconds within the 0–20 m band. On the 11th of December 2023, four teal were observed from VP1 flying for 23 seconds within the 0–20 m band, followed on the same date by seven teal observed flying for 18 seconds, including 1 second within the 0–20 m band and 17 seconds within the 20–50 m band. On the 18th of December 2023, sixteen teal were observed from VP1 flying for 17 seconds within the 0–20 m band, followed by twenty-one teal observed flying for 21 seconds within the 0–20 m band. On the 19th of February 2024, seven teal were observed from VP1 flying for 18 seconds within the 0–20 m band.

Summer 2024

One teal observation was located within the 500m turbine buffer. VP6. On the 4th of September 2024, four teal were observed flying for 96 seconds within the 50–100 m band.

All other observations were located outside the 500m turbine buffer. On the 12th of March 2024, two teal were observed from VP4 flying for 15 seconds within the 0–20 m band, and later the same day two teal were observed from VP1 flying for 15 seconds within the 0–20 m band. On the 17th of March 2024, two teal were observed from VP1 flying for 18 seconds within the 0–20 m band.

On the 10th of April 2024, two teal were observed from VP4 flying for 21 seconds within the 0–20 m band, followed later by eleven teal observed flying for 48 seconds within the 0–20 m band. On the 18th of April 2024, six teal were observed from VP7 flying for 26 seconds, including 18 seconds within the 0–20 m band and 8 seconds within the 20–50 m band.

On the 8th of May 2024, two teal were observed from VP4 flying for 12 seconds within the 0–20 m band, followed later by one teal observed from VP4 flying for 31 seconds within the 0–20 m band, and later still two teal observed flying for 32 seconds within the 0–20 m band.

On the 19th of May 2024, one teal was observed from VP7 flying for 19 seconds within the 0–20 m band. VP1. On the 23rd of September 2024, six teal were observed flying for a total of 27 seconds, with 15 seconds within the 20–50 m band and 12 seconds within the 0–20 m band; later the same day, five teal were observed flying for 11 seconds within the 0–20 m band.

Winter 2024/2025

Three teal observations were located within the 500m turbine buffer. On the 2nd of October 2024 at VP6, seven teal (age/sex undefined) were observed flying for 38 seconds within the 50–100 m band, with a separate record the same day of five teal (age/sex undefined) flying for 30 seconds within the 100–150 m band. On the 2nd of February 2025, one teal was observed flying for 22 seconds within the 50–100 m band.

All other observations were outside the 500m turbine buffer. On the 1st of October 2024 at VP1, six teal were observed flying for 37 seconds within the 0–20 m band. On the 20th of November 2024, eleven teal were observed flying for 28 seconds within the 20–50 m band, followed by three teal flying for 24 seconds within the 20–50 m band on the 25th of November 2024, and three teal flying for 15 seconds within the 0–20 m band on the 26th of November 2024. Into winter, fourteen teal were observed on the 21st of January 2025 flying for 36 seconds within the 0–20 m band, and five teal on the 18th of February 2025 flew for 6 seconds within the 0–20 m band, with four teal on the same date flying for 14 seconds within the 20–50 m band. In early spring, four teal on the 9th of March 2025 were observed flying for 8 seconds within the 0–20 m band, followed later that day by six teal flying for 22 seconds within the 0–20 m band; on the 20th of March 2025, two teal were observed flying for 22 seconds within the 0–20 m band, and on the 26th of March 2025, four teal flew for 20 seconds within the 0–20 m band.

On the 25th of October 2024 at VP3, two teal were observed flying for 26 seconds within the 0–20 m band. On the 20th of January 2025, four teal were observed flying for 18 seconds within the 0–20 m band, and on the 31st of March 2025, two teal were observed flying for 32 seconds within the 0–20 m band.

On the 5th of February 2025 at VP4, two teal were observed flying for 12 seconds within the 20–50 m band (pair noted). On the 4th of March 2025, two teal were observed flying for 12 seconds within the 0–20 m band (with female noted).

On the 2nd of October 2024 at VP6, seven teal (age/sex undefined) were observed flying for 38 seconds within the 50–100 m band, with a separate record the same day of five teal (age/sex undefined) flying for 30 seconds within the 100–150 m band.

On the 2nd of February 2025 at VP7, two teal (male and female) were observed flying for 16 seconds within the 0–20 m band, followed by eight teal (four male and four female) flying for 21 seconds within the 0–20 m band. On the 2nd of March 2025, three teal (two male and one female) were observed flying for 13 seconds with the height band not recorded, and one teal was observed flying for 11 seconds within the 0–20 m band before landing on open water.

On the 27th of December 2024 at VP14, two teal were observed flying for 10 seconds within the 0–20 m band, followed by three teal flying for 15 seconds within the 0–20 m band. On the 29th of March 2025, two teal (one male and one female) were observed flying for 12 seconds within the 0–20 m band.

4.2.40 Tufted Duck

The amber-listed tufted duck was not observed during the any winter VP surveys, or summer 2021,2023 or 2024.

Summer 2022

Tufted duck was observed on one occasion during the summer 2022 VP surveys. It was observed flying with a mallard within height band 20-50m for a total flight duration of 26 seconds. This observation was recorded within the 500m turbine buffer just west of VP6.

4.2.41 White-tailed Eagle

There were no observations of white-tailed eagles within the proposed site during all VP winter and summer VP surveys

4.2.42 Whooper Swan

Winter 2020/2021

12 Whooper swan were observed during the winter 2020/2021 VP surveys. Whooper Swan were observed three times within the 500m turbine buffer. At VP6, three observations were recorded. On the 28th of October, three were observed flying for a total of thirty-one seconds (thirty-one seconds within the 20–50m height band), and the notes indicated that the group consisted of two adults and one immature. On the 4th of November, two were observed flying for a total of thirty-five seconds (thirty-five seconds within the 20–50m height band). On the 24th of December, five were observed flying for a total of sixty-seven seconds (sixty-seven seconds within the 20–50m height band), and the notes indicated that the group consisted of two adults and three immature birds.

Nine other observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 1st of December, one was observed flying for a total of thirty seconds (thirty seconds above two hundred m).

At VP7, four observations were recorded. On the 23rd of October, fifteen were observed flying for a total of thirty seconds (fourteen seconds within the 0–20m height band and sixteen seconds within the 20–50m height band). On the 12th of November, twelve were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). On the 11th of January, four were observed flying for a total of seventy-two seconds (sixty-one seconds within the 20–50m height band and eleven seconds within the 50–100m height band). On the 6th of January, nine were observed flying for a total of forty-one seconds (thirty-two seconds within the 20–50m height band and nine seconds within the 50–100m height band). At VP7, one additional observation was recorded. On the 11th of January, one was observed flying for a total of eighty-one seconds (sixty-nine seconds within the 20–50m height band and twelve seconds within the 50–100m height band). On the 6th of January, nine were observed flying for a total of forty-one seconds (thirty-two seconds within the 20–50m height band and nine seconds within the 50–100m height band).

At VP8, three observations were recorded. On the 23rd of October, fifteen were observed flying for a total of fifty-one seconds (fourteen seconds within the 0–20m height band and thirty-seven seconds within the 20–50m height band), and the notes indicated that the group included four juveniles. On the 11th of January, nine were observed flying for a total of fifty-five seconds (forty-nine seconds within the 20–50m height band and six seconds within the 50–100m height band). On the 11th of January, three were observed flying for a total of eighty-one seconds (sixty-nine seconds within the 20–50m height band and twelve seconds within the 50–100m height band).

At VP14, one observation was recorded. On the 30th of January, sixteen were observed flying for a total of seventy seconds (seventy seconds within the 20–50m height band).

Winter 2021/2022

Whooper Swan were observed within the 500m turbine buffer ten times during the Winter 2021/2022 season. At VP7, three observations were recorded. On the 13th of November, two were observed flying for a total of forty seconds (thirty seconds within the 20–50m height band and ten seconds within the 50–100m height band). Later on the 13th of November, eleven were observed flying for a total of fifty-eight seconds (twenty-nine seconds within the 20–50m height band and twenty-nine seconds within the 50–100m height band). A further observation on the 13th of November recorded four were observed flying for a total of fifty-seven seconds (fifty-seven seconds within the 20–50m height band). At VP14, two observations were recorded. On the 16th of November, four were observed flying for a total of forty-six seconds (twenty-six seconds within the 20–50m height band and twenty seconds within the 50–100m height band), and the notes indicated that the birds were taking off from bog pools flying to grazing west of site. Later on the 16th of November, five were observed flying for a total of fifty seconds (fifty seconds within the 20–50m height band). At VP5, three observations were recorded. On the 2nd of December, five were observed flying for a total of fifty-one seconds (fifty-one seconds within the 50–100m height band), and the notes indicated that the birds were taking off from bog pools. Later on the 2nd of December, five were observed flying for a total of thirty seconds (thirty seconds within the 50–100m height band), and the notes indicated again that the birds were taking off from bog pools. A third observation on the 2nd of December recorded two flying for a total of forty-two seconds (forty-two seconds within the 50–100m height band), and the notes indicated that the birds were taking off from bog pools. At VP6, two observations were recorded. On the 18th of December, twenty were observed flying for a total of thirty seconds (thirty seconds within the 50–100m height band). Later on the same day, five were observed flying for a total of eighty-four seconds (ten seconds within the 0–20m height band and seventy-four seconds within the 20–50m height band).

All other 29 observations were outside the 500m turbine buffer. At VP1, one observation was recorded. On the 17th of January, two were observed flying for a total of thirty seconds (five seconds within the 0–20m height band and twenty-five seconds within the 20–50m height band).

At VP4, one observation was recorded. On the 14th of February, three were observed flying for a total of thirteen seconds (thirteen seconds within the 50–100m height band).

At VP7, the first set of observations recorded twenty-one movements. On the 30th of October, three were observed flying for a total of sixty seconds (thirty seconds within the 0–20m height band and thirty seconds within the 20–50m height band). On the 30th of October, ten were observed flying for a total of seventy-two seconds (twenty-four seconds within the 0–20m height band and forty-eight seconds within the 20–50m height band). On the 30th of October, four were observed flying for a total of five seconds (five seconds within the 0–20m height band). On the 30th of October, four were observed flying for a total of sixty seconds (sixty seconds within the 0–20m height band). On the 7th of November, six were observed flying for a total of eighty-nine seconds (eighty-nine seconds within the 50–100m height band). On the 20th of November, seven were observed flying for a total of sixty-five seconds (twenty seconds within the 0–20m height band and forty-five seconds within the 20–50m height band).

On the 13th of November, nineteen were observed flying for a total of thirty-nine seconds (thirty seconds within the 0–20m height band and nine seconds within the 20–50m height band), and the notes indicated that the birds were flying from the north-west lake to a grazing area as part of the same flight line as observations two to nine. On the 13th of November, five were observed flying for a total of twenty-five seconds (twenty-five seconds within the 0–20m height band), with the same behaviour noted. On the 13th of November, five were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band), with the same behaviour noted. On the 13th of November, fourteen were observed flying for a total of thirty-one seconds (thirty-one seconds within the 0–20m height band), with the same behaviour noted. On the 13th of November, eight were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band), with the same behaviour noted.

On the 13th of November, five were observed flying for a total of thirty-four seconds (thirty-four seconds within the 0–20m height band), with the same behaviour noted. On the 13th of November, nine were observed flying for a total of two hundred and twenty-nine seconds (seventy seconds within the 0–20m height band and one hundred and fifty-nine seconds within the 20–50m height band). On the 4th of December, thirty were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band). On the 4th of December, forty-seven were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band). At VP7, the remaining observations recorded movements through early winter and late winter. On the 4th of December, thirty were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band). Later on the 4th of December, forty-seven were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band). On the 15th of January, thirteen were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). Later on the 15th of January, twenty-two were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). A subsequent observation on the 15th of January recorded thirty were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). A further observation that day recorded twenty were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). On the 25th of February, eight were observed flying for a total of seven seconds (seven seconds within the 0–20m height band). Later on the 25th of February, ten were observed flying for a total of eight seconds (eight seconds within the 0–20m height band). On the 5th of March, twenty-two were observed flying for a total of ten seconds (ten seconds within the 0–20m height band), and the notes indicated that the birds were coming to the lake to drink and bathe.

At VP14, six observations were recorded. On the 23rd of October, one was observed flying for a total of one hundred and eighty-one seconds (eight seconds within the 20–50m height band and one hundred and seventy-three seconds within the 50–100m height band). On the 16th of November, four were observed flying for a total of forty-six seconds (twenty-six seconds within the 20–50m height band and twenty seconds within the 50–100m height band), and the notes indicated that the birds were taking off from bog pools flying to grazing west of site. Later on the 16th of November, five were observed flying for a total of fifty seconds (fifty seconds within the 20–50m height band). On the 24th of December, twenty were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). Later on the 24th of December, twenty-seven were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). A further observation on the 24th of December recorded three flying for a total of sixty-one seconds (fifty seconds within the 20–50m height band and eleven seconds within the 50–100m height band). The final observation on the 24th of December recorded five flying for a total of sixty-five seconds (thirty seconds within the 20–50m height band and thirty-five seconds within the 50–100m height band).

Winter 2022/2023

Whooper swan were recorded on 17 occasions during the winter 2022/202 VP surveys.

Whooper Swan were observed within the 500m turbine buffer five times during the Winter 2022/2023 seasons. At VP7, one observation was recorded. On the 22nd of October, six were observed flying for a total of one hundred and eighty-one seconds (twenty-four seconds within the 20–50m height band, one hundred and ten seconds within the 50–100m height band and forty-seven seconds within the 100–200m height band), and the notes indicated that the birds took off from the north-west lake. At VP14, two observations were recorded. On the 20th of October, six were observed flying for a total of fifty-two seconds (fifty-two seconds within the 50–100m height band). On the 11th of October, six were observed flying for a total of sixty seconds (sixty seconds within the 50–100m height band). At VP4, two winter observations were recorded. On the 6th of December, four were observed flying for a total of one hundred and thirty-five seconds (one hundred and thirty-five seconds within the 50–100m height band). Later on the same day, six were observed flying for a total of one hundred and forty-two seconds (one hundred and forty-two seconds within the 50–100m height band).

All other 12 observations were located outside the 500m turbine buffer.

At VP7, four observations were recorded. On the 22nd of October, six were observed flying for a total of ninety-nine seconds (fifteen seconds within the 0–20m height band and eighty-four seconds within the 20–50m height band), and the notes indicated that the birds landed on the north-west lake. Later on the 22nd of October, six were observed flying for a total of one hundred and eighty-one seconds (twenty-four seconds within the 20–50m height band, one hundred and ten seconds within the 50–100m height band and forty-seven seconds within the 100–200m height band), and the notes indicated that the birds took off from the north-west lake. On the 15th of November, three were observed flying for a total of eighteen seconds (eighteen seconds within the 20–50m height band), and the notes indicated that the birds were flying to improved grassland offsite. Later on the 15th of November, five were observed flying for a total of thirty-five seconds (twenty seconds within the 0–20m height band and fifteen seconds within the 20–50m height band), and the notes indicated that the birds were flying into a rewetted area. At VP7, the remaining observations were recorded throughout mid-winter. On the 15th of November, five were observed flying for a total of sixty-eight seconds (seventeen seconds within the 20–50m height band and fifty-one seconds within the 50–100m height band), and the notes indicated that the birds were taking off from the north lake flying to grassland. On the 17th of December, twenty-five were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). Later on the 17th of December, twenty-five were observed flying for a total of eighteen seconds (eighteen seconds within the 0–20m height band). A further observation on the 17th of December recorded twenty-five flying for a total of eighteen seconds (eighteen seconds within the 0–20m height band).

At VP8, four observations were recorded. On the 15th of November, five were observed flying for a total of forty-five seconds (forty-five seconds within the 50–100m height band), and the notes indicated that the birds were returning to roost. Later on the 15th of November, three were observed flying for a total of forty seconds (forty seconds within the 50–100m height band), and the notes indicated that the birds were returning to roost. On the 8th of February, five were observed flying for a total of eighty-five seconds (fifteen seconds within the 0–20m height band and seventy seconds within the 20–50m height band). On the 20th of February, one was observed flying for a total of eighty seconds (eighty seconds within the 50–100m height band).

At VP6, one observation was recorded. On the 9th of December, thirty were observed flying for a total of twenty-five seconds (twenty-five seconds within the 0–20m height band), and the notes indicated that the birds were flying to roost on the north-west lake.

Summer 2023

Whooper Swan were observed within the 500m turbine buffer once during the Spring Migration 2023 season. At VP7, one observation was recorded. On the 27th of March, seven were observed flying for a total of thirty-nine seconds (ten seconds within the 20–50m height band and twenty-nine seconds within the 50–100m height band).

All other four observations were located outside the 500m turbine buffer. At VP7, four observations were recorded. On the 27th of March, four were observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 0–20m height band). Later on the 27th of March, four were observed flying for a total of twenty-seven seconds (twenty-seven seconds within the 0–20m height band), and the notes indicated that these were probably four of the seven that had flown out. On the same date, thirty-five were observed flying for a total of eighty-two seconds (fifteen seconds within the 0–20m height band and sixty-seven seconds within the 20–50m height band). A fourth observation on the 27th of March recorded seventeen were observed flying for a total of eighteen seconds (eighteen seconds within the 0–20m height band).

Winter 2023/2024

Whooper Swan were observed five times within the 500m turbine buffer during the Winter 2023/2024 seasons. At VP5, one observation was recorded. On the 21st of October, four were observed flying for a total of one hundred and six seconds (one hundred and six seconds within the 50–100m height band). At VP7, three observations were recorded. On the 4th of January, seven were observed flying for a total of twenty-four seconds (twenty-four seconds within the 20–50m height band), and the notes indicated that the birds were leaving the north-west lake roost. Later on the 4th of January, seven were observed flying for a total of thirty seconds (twenty seconds within the 20–50m height band and ten seconds within the 50–100m height band), and the notes indicated again that the birds were leaving the north-west lake roost. On the 27th of January, fourteen were observed flying for a total of seventy-nine seconds (nineteen seconds within the 20–50m height band and sixty seconds within the 50–100m height band), and the notes indicated that the birds were flying from the roost. At VP6, one observation was recorded. On the 7th of February, five were observed flying for a total of forty-three seconds (forty-three seconds within the 50–100m height band).

11 observations were located outside the 500m turbine buffer. At VP4, two observations were recorded. On the 25th of October, three were observed flying for a total of ten seconds (ten seconds within the 0–20m height band). On the 30th of October, three were observed flying for a total of twenty-eight seconds (twenty-eight seconds within the 20–50m height band).

At VP8, three observations were recorded. On the 16th of October, nine were observed flying for a total of fifty-one seconds (fifty-one seconds within the 20–50m height band). On the 15th of November, five were observed flying for a total of forty-five seconds (forty-five seconds within the 50–100m height band), and the notes indicated that the birds were returning to roost. Later on the 15th of November, three were observed flying for a total of forty seconds (forty seconds within the 50–100m height band), and the notes indicated that the birds were returning to roost.

At VP7, eight observations were recorded. On the 25th of November, one was observed flying for a total of two hundred and twenty-seven seconds (two hundred and twenty-seven seconds within the 50–100m height band), and the notes indicated “Lost?”. On the 4th of January, nineteen were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band), and the notes indicated that the birds were leaving the north-west lake roost. Later on the 4th of January, ten were observed flying for a total of sixteen seconds (sixteen seconds within the 0–20m height band), and the notes again indicated that the birds were leaving the north-west lake roost. A third observation that day recorded seventeen were observed flying for a total of twelve seconds (twelve seconds within the 0–20m height band), and the notes indicated that the birds were leaving the north-west lake roost. On the 27th of January, thirty-four were observed flying for a total of seventeen seconds (seventeen seconds within the 0–20m height band), and the notes indicated that the birds were flying from the roost. Later on the 27th of January, fourteen were observed flying for a total of seventy-nine seconds (nineteen seconds within the 20–50m height band and sixty seconds within the 50–100m height band), and the notes indicated that the birds were flying from the roost. A further observation that day recorded three flying for a total of sixty-two seconds (twenty-one seconds within the 20–50m height band and forty-one seconds within the 50–100m height band), and the notes indicated that the birds were flying from the roost. A final observation on the 27th of January recorded seven flying for a total of eighty-six seconds (twenty-two seconds within the 20–50m height band and sixty-four seconds within the 50–100m height band).

At VP6, one observation was recorded. On the 1st of February, forty were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band).

Summer 2024

Whooper Swan were observed within the 500m turbine buffer four times during the Summer 2024 season. At VP7, three observations were recorded. On the 19th of March, sixteen were observed flying for a total of fifty-two seconds (fifty-two seconds within the 20–50m height band), and the notes indicated that the birds were leaving the roost. Later on the 19th of March, eight were observed flying for a total of seventy seconds (seventy seconds within the 20–50m height band), with the notes again indicating that the birds were leaving the roost. A third observation on the same date recorded twenty-five were observed flying for a total of forty-two seconds (forty-two seconds within the 20–50m height band), and the notes indicated that the birds were leaving the roost. At VP14, one observation was recorded. On the 8th of March, five were observed flying for a total of thirty-one seconds (thirty-one seconds within the 50–100m height band).

Nine observations were located outside the 500m turbine buffer. At VP7, seven observations were recorded. On the 8th of March, two were observed flying for a total of fourteen seconds (fourteen seconds within the 0–20m height band). Later on the same date, five were observed flying for a total of fifteen seconds (fifteen seconds within the 0–20m height band). A further observation on the 8th of March recorded five were observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 0–20m height band). On the same date, three were observed flying for a total of one hundred and nineteen seconds (one hundred and nineteen seconds within the 50–100m height band). On the 19th of March, two were observed flying for a total of twenty-six seconds (twenty-six seconds within the 0–20m height band), and the notes indicated that the birds were leaving the roost. Later on the 19th of March, four were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band), and the notes indicated that the birds were leaving the roost. A third observation on the 19th of March recorded five were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band), and the notes indicated that the birds were leaving the roost.

At VP14, two observations were recorded. On the 8th of March, five were observed flying for a total of thirty-one seconds (thirty-one seconds within the 50–100m height band). Later on the same date, seven were observed flying for a total of sixty-five seconds (sixty-five seconds within the 50–100m height band).

Summer 2024/2025

Whooper Swan were observed within the 500m turbine buffer eleven times during the Autumn Migration 2024, Winter 2024/2025 and Spring Migration 2025 seasons. At VP2, one observation was recorded. On the 10th of February, two were observed flying for a total of ninety-three seconds (ninety-three seconds within the 50–100m height band), and the notes indicated that the birds were flying through the site. At VP5, one observation was recorded. On the 18th of December, one was observed flying for a total of one hundred and nine seconds (one hundred and nine seconds within the 20–50m height band), and the notes indicated that this lone bird appeared to have been on site for some weeks. At VP6, three observations were recorded. On the 16th of November, six were observed flying for a total of fifty-eight seconds (fifty-eight seconds within the 50–100m height band), and the notes indicated age and gender were undefined. Later on the 16th of November, thirteen were observed flying for a total of forty-six seconds (forty-six seconds within the 50–100m height band), and the notes indicated that all birds were adults.

A further observation on the 7th of February recorded four were observed flying for a total of fifty-two seconds (fifty-two seconds within the 20–50m height band). At VP7, two winter observations were recorded. On the 16th of December, three were observed flying for a total of sixty-four seconds (sixty-four seconds within the 20–50m height band), and the notes indicated that the group included one juvenile and two adults. Later on the 16th of December, three were observed flying for a total of sixty-one seconds (sixty-one seconds within the 50–100m height band). At VP14, four autumn observations were recorded. On the 26th of October, seven were observed flying for a total of one hundred and eighty-two seconds (one hundred and eighty-two seconds within the 20–50m height band), and the notes indicated that the group included three adults and four juveniles.

Later on the same date, six were observed flying for a total of three hundred and eighty-five seconds (three hundred and eighty-five seconds within the 50–100m height band), and the notes indicated that the birds were flying from the west lake and were all adults. On the 19th of November, one was observed flying for a total of sixty-eight seconds (sixty-eight seconds within the 50–100m height band). A final observation on the 19th of November recorded five were observed flying for a total of seventy-one seconds (eighteen seconds within the 20–50m height band and fifty-three seconds within the 100–200m height band), and the notes indicated that the group contained three juveniles and two adults.

31 observations were located outside the 500m turbine buffer. At VP1, one observation was recorded. On the 20th of November, seven were observed flying for a total of fifty-nine seconds (fifteen seconds within the 0–20m height band, ten seconds within the 20–50m height band and forty-four seconds within the 50–100m height band), and the notes indicated that the birds were flying.

At VP2, one observation was recorded. On the 10th of February, two were observed flying for a total of ninety-three seconds (ninety-three seconds within the 50–100m height band), and the notes indicated that the birds were flying through the site.

At VP4, two observations were recorded. On the 16th of November, four were observed flying for a total of eighty-six seconds (thirty-eight seconds within the 20–50m height band, twenty seconds within the 50–100m height band and twenty-eight seconds within the 100–200m height band), and the notes indicated that the birds quietly left the roost with no calls. On the 5th of February, four were observed flying for a total of one hundred and seventy-six seconds (twenty-one seconds within the 20–50m height band, thirty seconds within the 50–100m height band, seventy-five seconds within the 100–200m height band and fifty seconds above two hundred m), and the notes indicated that the birds were fairly quiet with few light calls and did not appear to attempt landing on any ponds.

At VP6, two observations were recorded. On the 16th of November, six were observed flying for a total of fifty-eight seconds (fifty-eight seconds within the 50–100m height band), and the notes indicated that age and gender were undefined. Later on the 16th of November, thirteen were observed flying for a total of forty-six seconds (forty-six seconds within the 50–100m height band), and the notes indicated that all birds were adults.

At VP7, sixteen observations were recorded. On the 23rd of October, two were observed flying for a total of forty-three seconds (forty-three seconds within the 20–50m height band), and the notes indicated dawn dispersal and that the birds were recent winter migrants. Later on the same date, one was observed flying for a total of one hundred and forty-seven seconds (one hundred and forty-seven seconds within the 100–200m height band), and the notes indicated that the bird was flying north. A further observation on the 23rd of October recorded one flying for a total of two hundred and thirteen seconds (one hundred and sixty-eight seconds within the 20–50m height band and forty-five seconds within the 50–100m height band), and the notes indicated that the bird landed on open water. On the 26th of October, two were observed flying for a total of thirty-eight seconds (seven seconds within the 0–20m height band and thirty-one seconds within the 20–50m height band), and the notes indicated that the birds were landing on the north-west lake. Later on the 26th of October, two were observed flying for a total of thirty-nine seconds (ten seconds within the 0–20m height band and twenty-nine seconds within the 20–50m height band), and the notes indicated that the birds were landing on open water. On the same date, one was observed flying for a total of fifty-four seconds (ten seconds within the 0–20m height band and forty-four seconds within the 50–100m height band), and the notes indicated that the bird landed on the north lake. On the 29th of October, seven were observed flying for a total of one hundred and sixty-three seconds (one hundred and sixty-three seconds within the 20–50m height band), and the notes indicated that the group consisted of four adults and three juveniles. On the 3rd of November, two were observed flying for a total of thirty-nine seconds (thirty-nine seconds within the 20–50m height band), and the notes indicated that the birds were leaving the roost.

On the 16th of November, three were observed flying for a total of thirty-three seconds (thirty-three seconds within the 20–50m height band), and the notes indicated that the birds were flying from the roost with three adults and two juveniles. Later on the 16th of November, thirteen were observed flying for a total of forty-six seconds (forty-six seconds within the 50–100m height band), and the notes indicated that all birds were adults. On the 19th of November, twenty-five were observed flying for a total of thirty-eight seconds (thirty-eight seconds within the 20–50m height band), and the notes indicated that age and gender were undefined and that it was too dark to see clearly as the birds flew into the north-west lake roost. Later on the 19th of November, seven were observed flying for a total of fifty-one seconds (fifty-one seconds within the 20–50m height band), and the notes indicated that the group included five adults and two juveniles.

Continuing at VP7, the remaining observations were recorded through late winter and early spring. On the 16th of December, three were observed flying for a total of fifty seconds (fifty seconds within the 50–100m height band), and the notes indicated that the birds flew from the north lake. Later on the 16th of December, twenty-nine were observed flying for a total of thirty seconds (thirty seconds within the 0–20m height band), and the notes indicated that the birds were flying from the roost on the north-west lake. A further observation on the 16th of December recorded ten flying for a total of twenty-five seconds (twenty-five seconds within the 0–20m height band), and the notes indicated the same behaviour. On the 2nd of February, nine were observed flying for a total of twenty-one seconds (twenty-one seconds within the 0–20m height band), and the notes indicated that the birds were leaving the roost. Later on the 2nd of February, three were observed flying for a total of sixty-three seconds (sixty-three seconds within the 20–50m height band), and the notes again indicated that the birds were leaving the roost. A further observation on the 2nd of February recorded one flying for a total of twenty-seven seconds (twenty-seven seconds within the 0–20m height band), with the same behaviour noted. On the 2nd of February, thirty-four were observed flying for a total of thirty-six seconds (thirty-six seconds within the 0–20m height band), and the notes indicated that the birds were leaving the roost. Later on the same date, nineteen were observed flying for a total of thirty-five seconds (fifteen seconds within the 20–50m height band and twenty seconds within the 50–100m height band), and the notes indicated that the birds were leaving the roost. On the 16th of December, three were observed flying for a total of sixty-four seconds (sixty-four seconds within the 20–50m height band), and the notes indicated that the group contained one juvenile and two adults. Further on the 16th of December, three were observed flying for a total of twenty-five seconds (twenty-five seconds within the 0–20m height band), and the notes indicated that the birds were flying from the roost on the north-west lake. Later the same day, five were observed flying for a total of thirty-three seconds (thirty-three seconds within the 0–20m height band), and the notes indicated that the birds were flying from the roost on the north-west lake with three adults and two juveniles.

At VP8, two observations were recorded. On the 19th of November, seven were observed flying for a total of fifty-one seconds (fifty-one seconds within the 20–50m height band), and the notes indicated that the group contained five adults and two juveniles. Later on the same date, seven were observed flying for a total of thirty-three seconds (thirty-three seconds within the 20–50m height band), and the notes indicated that the birds were flying from the roost with three adults and two juveniles.

At VP14, four observations were recorded. On the 26th of October, seven were observed flying for a total of one hundred and sixty-three seconds (one hundred and sixty-three seconds within the 20–50m height band), and the notes indicated that the group contained four adults and three juveniles. Later on the same date, six were observed flying for a total of three hundred and eighty-five seconds (three hundred and eighty-five seconds within the 50–100m height band), and the notes indicated that the birds were flying from the west lake and that all were adults. On the 19th of November, one was observed flying for a total of sixty-eight seconds (sixty-eight seconds within the 50–100m height band). A further observation on the 19th of November recorded five were observed flying for a total of seventy-one seconds (eighteen seconds within the 20–50m height band and fifty-three seconds within the 100–200m height band), and the notes indicated that the group contained three juveniles and two adults.

4.2.43 Wigeon

The amber-listed wigeon was observed on 19 occasions during VP survey, ?? of these were located within the 500m turbine buffer.

Winter 2020/2021

This Amber-listed Duck species was observed three times during the winter 2020/21 season. One of these observations was located within the 500m turbine buffer. On the 24th of December 2020, a group of four Wigeons were seen from VP6 for 40 seconds, they stayed at heights below 20m

All other observations were outside the 500m turbine buffer, at Derryhogan lakes. On the 2nd of December 2020, 33 Ducks were seen flying within the 0-50m height bands over open water for 216 seconds, this observation was made from VP4. On the 4th of March, 70 wigeon were observed for a duration of 280 seconds from VP4 flying over Derryhogan lakes.

Summer 2021

Wigeon was not observed during the summer 2021 season.

Winter 2021/2022

Wigeon were observed three times during the winter 2021/2022 VP surveys. One of these observations was located within the 500m turbine buffer. On the 13th of November three wigeon were observed flying within height band 0-20m for 57 seconds close to T08.

All other observations outside the 500m turbine buffer. On the 11th of January 80 wigeon were observed within height band 0-20m for 150 seconds, and at 20-50m for 218 seconds, for a total flight duration of 368 seconds, Derryhogan Lakes. On the 22nd of January, 80 wigeon were observed flying within height band 0-20m for 70 seconds, at 20-50m for 400 seconds, for a total flight duration of 470 seconds, over Derryhogan Lakes

Winter 2022/2023

Wigeon were observed three times during winter 2022/223 VP surveys. Both observations were located outside the 500m turbine buffer, close to Derryhogan Lakes. 19 wigeon were observed within height band 0-20m for 50 seconds, at 20-50m for 180 seconds, for a total flight duration of 230 seconds. On the 2nd of March 70 wigeon were observed flushed with lapwing and teal within height band 0-20m for 20 seconds, at 20-50m for 120 seconds for a total flight duration of 140 seconds.

Summer 2023

Wigeon were observed on one occasion during the summer 2023 VP surveys. This was located outside the 500m turbine buffer over Derryhogan lakes. On the 21st of March 30 wigeon were observed flying within height band 0-20m for a total flight duration of 28 seconds.

Winter 2023/2024

Wigeon were noted on three occasions during the winter 2023/2024 VP surveys. Two of these observations were located within the 500m turbine buffer. On the 17th of October five wigeon were noted flying within height band 0-20m for 16 seconds, and at 20-30m for 30 seconds, for a total flight duration of 46 seconds. This observation was within 500m turbine buffer close to T10. On the 7th of February two wigeon were observed flying within height band 20-50m for a total flight duration of 109 seconds, flying back and forth past T02.

One observation of wigeon was located outside the 500m turbine buffer. On the 18th of December, seven wigeon were observed within height band 0-20m for seven seconds, and within 20-50m for 20 seconds for a total flight duration of 27 seconds, circling over cutover and flying towards Derryhogan Lakes.

Summer 2024

Two wigeon were observed from VP4 flying over cutover bog towards Derryhogan Lakes, within height band 0-20m for 31 seconds.

Winter 2024/2025

Wigeon were noted on six occasions during winter 2024/2025. All observations were located outside the 500m turbine buffer. One was located outside the site.

Four observations were noted from VP4, all observations were located over Derryhogan lakes. Wigeon were observed in numbers of two, 60, 22 and eight, all commuting.

On the 3rd of October one male wigeon was observed from VP7 flying for a total flight duration of 109 seconds, flying over Longfordpass South Lakes. On the 20th of November two wigeon were observed from VP1 outside the site.

4.2.44 Woodcock

Woodcock was not observed during the summer 2021-2024 VP surveys or winter 2023/2024 VP surveys

Winter 2020/2021

This Red-listed wader species was observed once during the winter 2020/21 season. This observation was made from VP5 on the 25th of November 2020. One Woodcock was seen for 12 seconds at heights below 20m.

Winter 2021/2022

Woodcock were observed on three occasions during the winter 2021/2022 VP surveys. All observations were outside the 500m turbine buffer. On the 13th of November one woodcock was observed north of VP7, flying over immature woodland and cut over bog within the height band 0-20m for a total flight duration of 25 seconds. On the 2nd of November a woodcock was observed flying just east of VP1 and outside the proposed site, flying low for 3 seconds. On the 15th of January one woodcock was recorded flying over cutover bog north of VP7 within height band 0-25m for 31 seconds

Winter 2022/2023

Woodcock were observed on one occasion during the winter 2022/2023 VP surveys. On the 14th of December one was observed from VP6, flying within height band 0-20m for 20 seconds. This observation was within the 500m turbine buffer, where the woodcock flew east over immature woodland and cutover bog, between turbine 1 and 2.

Winter 2024/2025

Woodcock were observed on two occasions in winter 2024/2025 VP survey, one of which was a sighting within the 500m turbine buffer. On the 9th of December 2024, one woodcock was recorded within flight height band 0-200m for 10 seconds of flight. It was noted to be commuting southwest over cutover bog, the west of VP6.

On the 10th of December 2024, another adult woodcock was flushed from VP1, outside of the proposed site.

4.3 Breeding Bird Survey

4.3.1 Breeding season 2021

A total of 58 different bird species were recorded during the 2020-2021 breeding season surveys. Little egret and peregrine falcon were the Annex I species recorded during the breeding bird surveys. Six were red-listed species (bar-tailed godwit, curlew, lapwing, meadow pipit, snipe, stock dove), 13 were amber-listed (Black-headed Gull, Coot, Greylag Goose, House Martin, Linnet, Mallard, Mediterranean Gull, Sand Martin, Skylark, Starling, Swallow, Teal, Willow Warbler) and 39 were green-listed (Blackbird, Blackcap, Blue Tit, Bullfinch, Buzzard, Chaffinch, Chiffchaff, Coal Tit, Collared Dove, Common Crossbill, Cuckoo, Dunnock, Feral Pigeon, Goldfinch, Great Spotted Woodpecker, Great Tit, Grey Heron, Hooded Crow, Jackdaw, Lesser Redpoll, Little Egret, Little Grebe, Magpie, Mistle Thrush, Moorhen, Peregrine, Pheasant, Pied/White Wagtail, Raven, Reed Bunting, Robin, Rook, Sedge Warbler, Siskin, Song Thrush, Stonechat, Whitethroat, Woodpigeon, Wren).

Table 4-3 lists red and amber-listed species recorded, the number and location of individuals recorded on each transect and point count. All survey results and all species recorded, including green-listed species, is provided in Appendix VII

Table 4-2: Summary of breeding bird surveys carried out during the 2021 breeding season

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Bar-tailed Godwit	BA	-	4	Red	Four bar-tailed godwit were seen within 100+m/FO, transect BB-T5.
Curlew	CU	3	2	Red	On the 14th of April, two separate curlew were seen within 100+/FO transects BB-T5 and T6. On curlew was recorded within 25-100m of transect BB-T5. On the 31st of May, two curlew were noted within 100+m/FO transect BB-T6.
Lapwing	L.	5	-	Red	Lapwing were noted within 100+m/FO of transects BB-T2, T5, T6 and T8, in numbers one to two individuals.
Meadow Pipit	MP	41	33	Red	During visit one, meadow pipit were noted on 41 occasions. Two were noted within 0-25m, one within 25-100m and one within 100+m/FO of transect BB-T1. Two were noted within 25-100m and two within 100+m/FO of transect BB-T2. One meadow pipit was noted within 100+m/FO of transect BB-T3. Three were noted within 0-25m and two within 100+m/FO of transect BB-T4. Four were noted within 0-25m, three within 25-100m and one individual within 100+m/FO of transect BB-T5. Four were noted within 0-25m, four within 25-100m and four within 100=m/FO of transect BB-T6. Two were noted within 25-100m and two within 100+m/FO of transect BB-T7. One individual was noted within 0-25m and two within 100+m/FO of transect BB-T8.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, three meadow pipit were noted within 0-25m of transect BB-T1. One individual was noted within 25-100m and one within 100+m/FO of transect BB-T3. Three were noted within 0-25m, two within 25-100m and two within 100+m/FO of transect BB-T4. Three were noted within 0-25m, two within 25-100m and three within 100+m/FO of transect BB-T5. One individual was noted within 0-25m and one within 25-100m of transect BB-T6. Two were noted within 0-25m, two within 25-100m and three within 100+m/FO of transect BB-T7. One individual was noted within 0-25m and three within 25-100m of transect BB-T8.
Snipe	SN	6	2	Red	On the 15th of April one snipe was noted within 100+m/FO of transect BB-T3. On the 15th of April, two snipe were noted within 25-100m of transect BB-T4, one within 25-100m of transect BB-T8 and one within 25-100m of transect BB-2, all during visit one. One snipe was noted within 25-100m of transect BB-T4, during visit two. On the 14th of April, one snipe was noted within 0-25m of transect BB-T6, during visit one. Another was noted within 0-25m of transect BB-T4.
Stock Dove	SD	-	1	Red	During visit one, one stock dove was observed within 100+m/FO of transect BB-T7.
Black-headed Gull	BH	344	43	**Amber**	During visit one, one individual was noted within 100+m/FO of transect BB-T1, 193 gulls within 100+/FO of transect BB-T6 and 146 gulls within 100+m/FO of transect BB-T2. Two gulls were observed within 25-100m of transect BB-T6, and two were observed within 25-100m of transect BB-T4.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, three gulls were observed within 0-25m of transect BB-T2, six within 0-25m of transect BB-T5 and one within 0-25m of transect BB-T4. Five gulls were noted within 25-100m of transect BB-T2, three within 25-100m of transect BB-T5 and a colony was noted within 25-100m of transect BB-T6. One gull was observed within 100+m/FO of transect BB-T2, 19 within 100+m/FO of transect BB-T6 and five were noted within 100+m/FO of transect BB-T5.
Coot	CO	-	1	**Amber**	During visit two, one coot was observed within 100+m/FO of transect BB-t2.
Greylag Goose	GJ	1	-	**Amber**	During visit one, one greylag goose was observed within 100+m/FO of transect BB-T6
House Martin	HM	-	1	**Amber**	During visit two, one house martin was observed within 100+m/FO of transect BB-T7.
Linnet	LI	5	9	**Amber**	During visit one, one linnet was observed within 0-25m of transect BB-T7, and one was observed within 0-25m of transect BB-8. Two linnet were noted within 25-100m of transect BB-T2 and one individual was noted within 100+m/FO of transect BB-T7. During visit two, two linnet were noted within 0-25m of transect BB-T2, two within 0-25m of transect BB-T8 and five were within 0-25m of transect BB-T7.
Mallard	MA	22	1	**Amber**	During visit one, one mallard was noted within 0-25m of transect BB-T2. Two mallard were noted within 25-100m of transect BB-T5, four with 25-100m of transect BB-T4, three within 25-100m of transect BB-T3 and finally one within25-100m of transect of BB-T8. Four mallard were noted within 100+m/FO of transect BB-T6, four within 100=M/FO of transect BB-T5, three within 100+m/FO of transect BB-T2 and one individual was noted within 100+m/FO of transect BB-T6. During visit two, one mallard was observed within 100+m/FO of transect BB-T6.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Mediterranean Gull		2	3	**Amber**	During visit one, two gulls were observed, one within 0-25m and one within 100+m/FO of transect BB-T2. During visit two, one gull was observed within 100+m/FO of transect BB-T5. Two gulls were noted within 25-100m of transect BB-T4.
Sand Martin	SM	46	8	**Amber**	During visit one, one individual was noted within 0-25m and 45 within 100+m/FO of transect BB-T1. During visit two, three house martin were observed within 25-100m and two within 100+m/FO of transect BB-T7. One individual was observed within 25-100m of transect BB-T1, and two were noted within 100+m/FO of transect BB-T2.
Skylark		1	-	**Amber**	During visit one, one individual was observed within 25-100m of transect Bb-T8.
Starling	SG	-	14	**Amber**	During visit two, seven starling were noted within 25-100m and four observed within 100+m/FO of transect BB-T7. Two starling were noted within 0-25m and within 25-100m of transect BB-T8
Swallow	SL	1	10	**Amber**	During visit one, one swallow was noted within 25-100m of transect BB-T5. During visit two, one swallow was noted within 25-100m of transect BB-T1. Three were noted within 0-25m, four within 25-100m and two within 100+m/FO of transect BB-T7
Teal	T.	7	-	**Amber**	During visit one, two were observed within 25-100m of transect Bb-T4. Two were observed within 100+m/FO of transect BB-T5, and three were observed within 100+m/FO of transect BB-T6.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Willow Warbler	WW	71	48	**Amber**	During visit one, one individual was noted within 0-25m, two within 25-100m, and one individual within 100+m/FO of transect BB-T1. Nine willow warbler were noted within 0-25m, and seven within 25-100m of transect BB-T2. One individual was noted within 25-100m of transect BB-T3. Four willow warbler were noted within 0-25m, eight within 25-100m and three within 100+m/FO of transect BB-T4. Four were noted within 0-25m, one within 25-100m and one within 100+m/FO of transect BB-T5. Three were noted within 0-25m of transect Bb-T6, and one within 25-100m of transect BB-T6. Four were noted within 0-25m, four within 25-100m and one individual within 100+m/FO of transect BB-T7. 12 were noted within 0-25m and four within 25-100m of transect BB-T8. During visit two, one individual was noted within 0-25m and two within 25-100m of transect BB-T1. Six were noted within 0-25m and six within 25-100m of transect BB-T2. Two were noted within 0-25m, two within 25-100m and one individual within 100+m/FO of transect BB-T3. Four were noted within 0-25m and eight within 25-100m of transect BB-T4. Two were noted within 0-25m and three within 25-100m of transect BB-T5. One individual was noted within 0-25m and one within 25-100m of transect BB-T6. One was noted within 0-25m and one within 25-100m of transect BB-T7. Four were noted within 0-25m and three within 25-100m of transect BB-T8.
Little Egret	ET	-	1	Green	During visit two, one little egret was noted within 100+m/FO of transect BB-T5.
Peregrine Falcon	PE	1	-	Green	During visit one, one peregrine was noted within 100+m/FO of transect BB-T3.

4.3.2 Breeding season 2022

A total of 58 different bird species were recorded during the 202 breeding season surveys. Little egret were the Annex I species recorded during the breeding bird surveys. Seven were red-listed species (Curlew, Kestrel, Lapwing, Meadow Pipit, Shoveler, Snipe, Swift).

14 were amber-listed (Black-headed Gull, Goldcrest, House Martin, House Sparrow, Linnet, Mallard, Mute Swan, Sand Martin, Skylark, Starling, Swallow, Teal, Wigeon, Willow Warbler) and 38 were green-listed (Blackbird, Blackcap, Blue Tit, Bullfinch, Buzzard, Chaffinch, Chiffchaff, Coal Tit, Cuckoo, Dunnock, Feral Pigeon, Goldfinch, Great Spotted Woodpecker, Great Tit, Grey Heron, Hooded Crow, Jackdaw, Lesser Redpoll, Little Egret, Little Grebe, Long-tailed Tit, Magpie, Mistle Thrush, Moorhen, Pheasant, Pied/White Wagtail, Raven, Reed Bunting, Robin, Rook, Sedge Warbler, Siskin, Song Thrush, Stonechat, Water Rail, Whitethroat, Woodpigeon, Wren).

Table 4-4 lists red and amber-listed species recorded, the number and locations of individuals recorded on each transect and point count. All survey results and all species recorded, including green-listed species, is provided in Appendix VII

Table 4-3: Summary of breeding bird surveys carried out during the 2022 breeding season

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Curlew	CU	1	-	Red	During visit one, one curlew was noted within 100+m/FO of transect BB-6.
Kestrel	K.	-	1	Red	During visit two, one kestrel was noted within 100+m/FO of transect BB-T7.
Lapwing	L.	3	5	Red	During visit one, one lapwing was observed within 25-100m of transect BB-T6. Two were noted within 100+m/FO of transect BB-T5. During visit two, one individual was noted within 0-25m and another within 25-100m of transect BB-T5. Two were noted within 100+m/FO of transect BB-T5. One individual was noted within 100+m/FO of transect BB-T6.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Meadow Pipit	MP	19	23	Red	During visit one, one individual was noted within 25-100m of transect BB-T1, another was noted within 25-100m of transect BB-T2. Two separate individuals were noted within 0-25m and 25-100m of transect BB-T4. One individual was noted within 0-25m, two within 25-100m and two over 100+m/FO of transect BB-T5. One individual was noted within 0-25m, three within 25-100m and one over 100+m/FO of transect BB-T6. Two were noted within 0-25m, one within 25-100m and one over 100+m/FO of transect BB-T7. One was noted within 25-100m of transect BB-T8. During visit two, three meadow pipit were noted within 25-100m of transect BB-T1. One individual was noted over 100=m/FO of transect BB-T4. One was noted within 0-25m, three within 25-100m and one individual over 100+m/FO of transect BB-T5. Five were noted within0-25mand six within 25-100m of transect BB-T6. Two were noted within 25-100m of transect BB-T7. One individual was noted within 25-100m of transect BB-T8.
Shoveler	SV	2	-	Red	During visit one, two shoveler were noted over 100+m/FO of transect BB-T5.
Snipe	SN	2	9	Red	During visit one, one individual was noted within 0-25m of transect Bb-T2. Another individual was noted chipping within 25-100m of transect BB-T4.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, two individuals were heard drumming within 25-100m and over 100+m/FO of transect BB-T2. Two individuals one flushed and one drumming were noted within 0-25m of transect BB-T4. Two more were noted drumming within 25-100m. one individual was flushed within 0-25m of transect BB-T6.one individual was drumming within 0-25m, and one drumming over 100+m/FO of transect BB-T8
Swift	SW	-	3	Red	During visit two, one individual was noted over 100+m/FO of transect BB-T5. Two were noted over 100=m/FO of transect BB-T6.
Black-headed gull	BH	30	5	Amber	During visit one, three were noted within 25-100m and one over 100+m/FO of transect BB-T2. Two were noted within 25-100m and four over 100+m/FO of transect BB-T5. 19 were noted over 100+m/FO of transect BB-T6, colony count. One individual within 25-100m of transect BB-T7. During visit two, two were noted over 100m/FO of transect BB-T5. Three were noted over 100m/FO of transect BB-T6.
Goldcrest	GC	3	2	Amber	During visit one, three were noted within 0-25m of transect BB-T5, and one within 0-25m of transect BB-T7. During visit two, one was noted within 0-25m of transect BB-T2 and another within 0-25m of transect BB-T5. HM
House Martin	HM	-	2	Amber	During visit two, two house martin were noted over 100+m/FO of transect BB-T1.
House Sparrow	HS	2	2	Amber	During visit one, two were noted within 25-100m of transect BB-T2. During visit two, two were noted within 25-100m of transect BB-T2.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Linnet	LI	11	10	**Amber**	During visit one, three were noted within 0-25m of transect BB-T2. Two were noted within 0-25m and six over 100M/FO of transect BB-T7. During visit two, one individual was noted within 0-25m of transect BB-t1., two within 25-100m of transect BB-T4 and two within 0-25m of transect BB-T8. Two were noted within 0-25m, one within 25-100m and two over 100m/FO of transect BB-T7.
Mallard	MA	12	7	**Amber**	During visit one, three were noted at transect BB-T6, three at transect BB-T4, four at transect BB-T5 and two at transect Bb-T8, all observations were over 100m/FO transects. During visit two, three were noted over 100m/FO of transect BB-T6 and four were noted within 25-100m of transect BB-T2.
Mute Swan	MS	-	2	**Amber**	During visit two, two mute swan were noted within 25-100m of transect BB-T4.
Sand Martin	SM	-	43	**Amber**	During visit two, five were noted within 25-100m and nine over 100M/FO of transect BB-T1. 15 were noted over 100m/FO transect BB-T2. Five and three sand martin were noted within 25-100m and six over 100m/FO of transect BB-t6.
Skylark	S.	1	4	**Amber**	During visit one, one was noted over 100m/FO of transect BB-T8. During visit two, one was noted within 25-100m of transect BB-T6, on over 100m/FO of transect BB-T7. One individual was noted within 25-100m and one over 100m/FO of transect BB-T8
Starling	SG	5	5	**Amber**	During visit one, one was noted at transect BB-T6 and four at transect BB-T7, both observation were over 100m/FO of transects.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, two were noted within 0-25m and over 100m/FO of transect BB-T7.
Swallow	SL	4	6	**Amber**	During visit one, two were noted over 100m/FO of transect BB-T8. One was noted within 0-25m and one over 100m/FO of transect BB-T7. During visit two, two were noted within 25-100m of transect BB-T1. One was noted within 25-100m of transect BB-T4. One was noted over 100m/FO of transect BB-T5 and two were noted over 100m/FO of transect BB-T7.
Teal	T.	11	-	**Amber**	During visit one, one was noted within 25-100m and four over 100m/FO of transect BB-T6. Four were noted over 100m/FO of transect BB-T5, and two were noted within 25-100m of transect BB-T4.
Wigeon	WN	7	-	**Amber**	During visit one, seven teal were noted over 100m/FO of transect BB-T5.
Willow Warbler	WW	39	58	**Amber**	During visit one, one individual was noted within 25-100m of transect BB-T1. Two were noted within 0-25m and four within 25-100m of transect BB-T2. Two were noted within 25-100m of transect BB-T3. One was noted within 0-25m, six within 25-100m and one over 100m/FO of transect BB-T4. Two were noted within 0-25m of transect BB-T5. One was noted within 0-25m and five within 25-100m of transect BB-T7. Eight were noted within 0-25m and six within 25-100m of transect BB-T8.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, one individual was noted within 0-25m and one over 100m/FO of transect BB-T1. Six were noted within 0-25m and five within 25-100m of transect BB-T2. One individual within 0-25m and three within 25-100m of transect BB-T3. Three were noted within 0-25m and six within 25-100m of transect BB-T4. Two were noted within 0-25m and three within 25-100m of transect BB-T5. Two were noted within 0-25m of BB-T6. Four were noted within 0-25m and four within 25-100m of transect BB-T7. 12 were noted within 0-25m and five within 25-100m of transect BB-T8.
Little Egret	ET	2	-	Green	During visit one, two were noted over 100m/FO from transect BB-T2.

4.3.3 Breeding season 2023

A total of 59 different bird species were recorded during the 202 breeding season surveys. Little egret were the Annex I species recorded during the breeding bird surveys. Five were red-listed species (Curlew, Lapwing, Meadow Pipit, Shoveler, Snipe).

18 were amber-listed (Black-headed Gull, Goldcrest, Great Crested Grebe, Greenfinch, Greylag Goose, House Martin, House Sparrow, Lesser Black-backed Gull, Linnet, Mallard, Mute Swan, Sand Martin, Skylark, Starling, Swallow, Teal, Wigeon, Willow Warbler) and 36 were green-listed (Blackbird, Blackcap, Blue Tit, Bullfinch, Buzzard, Chaffinch, Chiffchaff, Coal Tit, Collared Dove, Common Crossbill, Cuckoo, Dunnock, Feral Pigeon, Goldfinch, Great Tit, Grey Heron, Hooded Crow, Jackdaw, Lesser Redpoll, Little Grebe, Long-tailed Tit, Magpie, Mistle Thrush, Moorhen, Pheasant, Raven, Reed Bunting, Robin, Rook, Sedge Warbler, Siskin, Song Thrush, Stonechat, Whitethroat, Woodpigeon, Wren).

Table 4-5 lists red and amber-listed species recorded, the number and locations of individuals recorded on each transect and point count. All survey results and all species recorded, including green-listed species, is provided in Appendix VII

Table 4-4: Summary of breeding bird surveys carried out during the 2023 breeding season

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Curlew	CU	-	1	Red	During visit two, one curlew as heard twice within 25-100m of transect BB-T8
Lapwing	L.	-	2	Red	During visit two, one individual was noted within 0-25m and one within 25-100m of transect BB-T5.
Meadow Pipit	MP	20	35	Red	During visit one, three were noted within 0-25m of transect BB-T1. One was noted within 0-25m and one within 25-100m of transect BB-T3. Three were noted within 0-25m of transect BB-T4. One was noted within 0-25m and three within 25-100m of transect BB-T5. Four were noted within 0-25m and two over 100m/FO of transect BB-T6. A further two were noted during PC2. During visit two, two were noted within 0-25m and three within 25-100m of transect BB-T1. One was noted within 0-25m of transect BB-T3, and another individual within 0-25m of transect BB-T4. Five were noted within 0-25m, four within 25-100m and two over 100m/FO of transect BB-T5. Four were noted within 0-25m, five within 25-100m and one over 100+/FO of transect BB-T6. Four were noted over 100m/FO of transect BB-T7. A further three were noted at PC2.
Shoveler	SV	4	-	Red	During visit one, four were noted over 100m/FO transect BB-T5.
Snipe	SN	6	8	Red	During visit one, two were noted within 0-25m and one within 25-100m of transect BB-T4. One was noted flushed within 0-25m of transect BB-T5. Two ere noted chipping within 25-100m of transect BB-T6.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, two were noted chipping within 25-100m of transect BB-T4. One was noted within 0-25m and one within 25-100m of transect BB-T5. Two were noted within 25-100m of transect BB-T6. One was chipping within 25-100m and one over 100m/FO of transect BB-T8.
Black-headed gull	BH	-	7	Amber	During visit two, four were noted at PC2, two were noted over 100m/FO of transect BB-T6, and one over 100m/FO of transect BB-T7.
Goldcrest	GC	4	1	Amber	During visit one, one goldcrest were noted at transects, BB-T3, T-5, T-7, T8. All observations were within 0-25m of these transects. During visit two, one was noted within 0-25m of transect BB-T8.
Great crested Grebe	GG	1	1	Amber	During visit one, one was noted over 100m/FO of transect BB-T2. During visit two, one was noted over 100m/FO of transect BB-T2.
Greenfinch	GR	1	-	Amber	During visit one, one was noted within 0-25m of transect BB-T1.
Greylag Goose	GJ	4	-	Amber	During visit one, two were noted over 100m/FO of transect BB-T2. Two were noted over 100m/FO of transect BB-T3.
House Martin	HM	-	2	Amber	During visit two, two were noted over 100m/FO of transect Bb-T7.
House Sparrow	HS	2	5	Amber	During visit one, one was noted within 25-100m of BB-T2, and one was noted at PC2. During visit two, five were noted within 25-100m of transect BB-T1.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Lesser Black-backed Gull	LB	-	6	Amber	During visit two, two were noted along BB-T6 and a further four, no distance bands noted.
Linnet	LI	9	12	Amber	During visit one, two were noted within0-25mof transect BB-T1. One was noted within 0-25m of transect BB-T5. Three were noted within 0-25m and two within 25-100m of transect BB-T7. One was noted within 0-25m of transect BB-T8. During visit two, one was noted at transect Bb-T2, one at transect Bb-T6, two at transect Bb-t8 and four at transect BB-T7. All observations were within 0-25m of these transects.
Mallard	MA	14	8	Amber	During visit one, one was noted within 25-100m of transect BB-T4. Three were noted within 0-25m, one within 25-100m and four over 100m/FO of transect BB-T5. Five were noted over 100m/FO of transect BB-T6. During visit two, two were noted over 100m/FO of transect BB-T2. Five including one and five juveniles were noted within 0-25m of transect BB-T4. One was noted over 100m/FO of transect BB-T6.
Mute Swan	MS	2	-	Amber	During visit one, two were noted within 25-100m of transect BB-T4.
Sand martin	SM	16	12	Amber	During visit one, five were noted within 25-100m of transect BB-T6. Five were noted over 100m/FO of transect BB-T1. A further six were noted at PC2. During visit two, one was noted over 100m/FO of transect BB-T5. Three were noted within 0-25m, three were within 25-100m and five over 100m/FO of transect BB-T6.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Skylark	S.	4	2	Amber	During visit one, three were noted within 25-100m of transect BB-T8, and one was noted within 25-100m of transect BB-T6. During visit two, one was noted within 0-15m of transect BB-T7. One was also noted over 100m/FO of transect BB-T8.
Starling	SG	5	40	Amber	During visit one, five were noted over 100m/FO of transect BB-T7. During visit two, two were noted within 25-100m and one over 100m/FO of transect BB-T1. 12 were noted within 0-25m and 23 over 100m/FO of transect BB-T7. Two were noted over 100m/FO of transect Bb-T6.
Swallow	SL	2	5	Amber	During visit one, one was noted within 0-25m and one over 100m/FO of transect BB-T7. During visit two, five were noted over 100m/FO of transect BB-T7.
Teal	T.	13	-	Amber	During visit one, 10 were noted over 100m/FO of transect BB-T5, two were noted over 100m/FO of transect BB-T6. One was noted within 25-100m of transect BB-T4.
Wigeon	WN	14	-	Amber	During visit one, 10 were noted over 100m/FO of transect Bb-T5. Four were noted over 100m/FO of transect BB-T6.
Willow Warbler	WW	46	63	Amber	During visit one, one was noted within 0-25m and three within 25-100m of transect BB-T1. Three were noted within 25-100m of transect BB-T2. Three were noted within 0-25m and two within 25-100m of transect BB-T3. Three we noted within 0-25m, 11 within 25-100m and two over 100m/FO of transect BB-T4. One was noted within 0-25m of transect BB-T5. Three were noted within 0-25m and three within 25-100m of transect Bb-T7. Six were noted within 0-25m and two within 25-100m of transect BB-T8.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, two were noted within 0-25m and one within 25-100m of transect BB-T1. Seven was noted within 0-25m and five within 25-100m of transect BB-T2. Two were noted within 0-25m and three within 25-100m of transect BB-T3. Eight were noted within 0-25m, five within 25-100m and on over 100m/FO of transect BB-T4. Four were noted within 0-25m and two within 25-100m of transect BB-T5. Two were noted within 0-25m and two within 25-100m of transect BB-T6. Three were noted within 0-25m, two within 25-100m and one over 100m/FO of transect BB-T7. Six were noted within 0-25m and five within 25-100m of transect BB-T8. Two were noted at PC2.

4.3.4 Breeding season 2024

A total of 59 different bird species were recorded during the 2024 breeding season surveys. No Annex I species were recorded during the breeding bird surveys. Seven were red-listed species (Curlew, Grey Wagtail, Kestrel, Lapwing, Meadow Pipit, Snipe, Woodcock).

14 were amber-listed (Black-headed Gull, Goldcrest, Greenfinch, Greylag Goose, House Sparrow, Linnet, Mallard, Mute Swan, Sand Martin, Skylark, Starling, Swallow, Teal, Willow Warbler) and 38 were green-listed (Blackbird, Blackcap, Blue Tit, Bullfinch, Buzzard, Chaffinch, Chiffchaff, Coal Tit, Collared Dove, Common Crossbill, Cuckoo, Dunnock, Feral Pigeon, Goldfinch, Great Tit, Grey Heron, Hooded Crow, Jackdaw, Lesser Redpoll, Little Grebe, Long-tailed Tit, Magpie, Mistle Thrush, Moorhen, Pheasant, Pied/White Wagtail, Raven, Reed Bunting, Robin, Rook, Sedge Warbler, Siskin, Song Thrush, Stonechat, Water Rail, Whitethroat, Woodpigeon, Wren).

Table 4-6 lists red and amber-listed species recorded, the number and locations of individuals recorded on each transect and point count within the site. All survey results and all species recorded, including green-listed species, is provided in Appendix VII

Table 4-5: Summary of breeding bird surveys carried out during the 2024 breeding season

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Curlew	CU	2	-	Red	During visit one, one curlew was noted within 25-100m of transect BB-T5. One was noted over 100m/FO of transect BB-T6.
Grey Wagtail	GL	2	-	Red	During visit one, one grey wagtail was noted within 25-100m of transect BB-t5. One was noted within 0-25m of transect BB-T1.
Kestrel	K.	-	1	Red	During visit two, one kestrel was noted over 100m/FO transect BB-T6.
Lapwing	L.	-	2	Red	During visit two, one was noted within 0-25m and one within 25-100m of transect BB-T5.
Meadow Pipit	MP	23	33	Red	During visit one, two were noted within 0-25m, and one within 25-100m of transect BB-T1. One was noted within 0-25m of transect BB-T3. One was noted within 0-25m of transect BB-T4. Three were noted within 0-25m, three within 25-100m and three over 100m/FO of transect BB-T5. One was noted within 0-25m, three within 25-100m and two over 100m/FO of transect BB-T6. One was noted within 0-25m of transect BB-T7. A further two were noted at point count PC2. During visit two, two were noted within 0-25m and one within 25-100m of transect BB-T1. One was noted within25-100m of transect BB-T2. Five were noted within 0-25m, four within 25-100m and five over 100m/FO of transect BB-T5. One was noted within 0-25m, two within 25-100m and two over 100m/FO of transect BB-T6. Two were noted within 0-25m and two within 25-100m of transect BB-T7. Two were noted within 25-100m of transect BB-T8. A further two were noted at point count PC2 and two at PC3. .

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Snipe	SN	3	7	Red	During visit one, one was noted within 0-25m of transect Bb-T6. One was noted within 25-100m of transect BB-t4. A further individual was noted at PC3. During visit two, one was noted within 25-100m and one over 100m/FO of transect BB-T2. Two were noted within 25-100m and one over 100m/FO of transect BB-T5. One was noted within 25-100m of transect BB-T6. One was noted over 100m/FO of transect BB-T8.
Woodcock	WK	-	1	Red	During visit two, one woodcock was noted within 25-100m of transect BB-T4.
Black-headed gull	BH	5	56	Amber	During visit one, two were noted over 100m/FO of transect BB-T5. Three were noted within 0-25m of transect BB-T7. During visit two, four were noted over 100m/FO of transect BB-T2. One was noted within 0-25m, two were noted within 25-100m and 12 over 100m/FO of transect BB-T5. Three were noted within 25-100m and 31 over 100m/FO of transect BB-T6. Three were noted within 25-100m of transect BB-T7.
Goldcrest	GC	1	-	Amber	During visit one, one were noted within 0-25m of transect BB-T5.
Greenfinch	GR	-	1	Amber	During visit two, one were noted within 25-100m of transect BB-T7.
Greylag Goose	GJ	2	-	Amber	During visit one, two were noted over 100m/FO of transect BB-T5.
House Sparrow	HS	-	9	Amber	During visit two, six were noted within 0-25m and two within 25-100m of transect BB-T1. One was noted within 25-100m of transect BB-T2.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Linnet	LI	17	8	Amber	During visit one, four were noted within 0-25m and two within 25-100m of transect BB-T2. Two were noted within 25-100m of transect BB-T6. Three were noted within 0-25m and four over 100m/FO of transect BB-T7. Two were noted within 0-25m of transect BB-T8. During visit two, two were noted within 0-25m of transect BB-T2. Two were noted within 25-100m of transect BB-T1. One was noted within 25-100m of transect BB-T7, and three were noted within 0-25m of transect BB-T8.
Mallard	MA	18	22	Amber	During visit one, three were noted within 25-100m of transect BB-T2. Three were noted within 25-100m of transect BB-T4. Three were noted over 100m/FO of transect BB-T5. Two were noted within 25-100m and seven over 100m/FO of transect BB-T6. During visit two, one was noted within 25-100m and one over 100m/FO of transect BB-T4. 17 were noted within 25-100m and three over 100m/FO of transect BB-T5.
Mute Swan	MS	2	6	Amber	During visit one, one was noted within 0-25m and one within 25-100m of transect BB-T4. During visit two, six were noted within 25-100m of transect BB-T4.
Sand martin	SM	12	55	Amber	During visit one, three were noted over 100m/FO of transect BB-T1. One was noted within 25-100m and five over 100m/FO of transect BB-T6. A further three were noted at PC2.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
					During visit two, two were noted within 25-100m and two over 100m/FO of transect BB-T1. 21 were noted over 100m/FO of transect BB-T2. Eight were noted within 0-25m, four within 25-100m and seven over 100m/FO of transect BB-T6. A further three were noted at PC2, and eight were noted at PC3.
Skylark	S.	7	2	Amber	During visit one, one was noted over 100m/FO of transect BB-T2. One was noted within 0-25m of transect BB-T4. One was noted within 0-25m and two within 25-100m of transect BB-T6. One was noted within25-100m of transect Bb-T7. A further individual was noted during PC3. During visit two, one was noted over 100m/FO from transect Bb-T6. One was noted within 25-100m of transect BB-T8.
Starling	SG	9	-	Amber	During visit one, two were noted within 0-25m of transect BB-T2. Three were noted over 100m/FO of transect bb-T6. One was noted within 0-25m and three over 100m/FO of transect BB-T7.
Swallow	SL	3	7	Amber	During visit one, one was noted over 100m/FO from transect BB-T1. Two were noted within 0-25m of transect BB-T7. During visit two, two were noted over 100m/FO transect BB-T6, and five were noted over 100m/FO of transect BB-T7.
Teal	T.	7	1	Amber	During visit one, one was noted within 25-100m of transect BB-T4. Three were noted over 100m/FO of transect BB-T5. Three were noted over 100m/FO of transect BB-T6. During visit two, one was noted within 25-100m of transect BB-T4.

Species	BTO code	No. individuals		BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2		
Willow Warbler	WW	105	76	Amber	During visit one, one was noted within 0-25m, two within 25-100m and one over 100m/FO of transect BB-T1. 12 were noted within 0-25m, nine within 25-100m and two over 100m/FO of transect BB-T2. Three were noted within 0-25m, and seven within 25-100m of transect BB-T3. Five were noted within 0-25m, 16 within 25-100m and two over 100m/FO of transect BB-T4. One was noted within 0-25m and five within 25-100m of transect BB-T5. Four were noted within 0-25m and two were noted within 25-100m of transect BB-T6. Two were noted within 0-25m and six within 25-00m of transect BB-T7. 10 were noted within 0-25m and eight within 25-100m of transect BB-T8. Three were noted a point count PC2, and a further four at point count PC3. During visit two, one was noted within 0-25m, one within 25-100m and one over 100m/FO of transect BB-T1. Five were noted within 0-25m and five within 25-100m of transect BB-T2. Three were noted within 0-25m, two within 25-100m and one over 100m/FO of transect BB-T3. Six were noted within 0-25m, nine within 25-100m and four over 100m/FO of transect BB-T4. One was noted within 0-25m and four within 25-100m of transect BB-T5. Three were noted within 0-25m of transect BB-T6. One was noted within 0-25m, five within 25-100m and one over 100m/FO transect BB-T7. 10 were noted within 0-25m and six within 25-100m of transect BB-T8. A further two were noted at point count PC2, and five were noted at point count PC3.

4.4 Winter Transect Surveys

Six transects were surveyed during the winter surveys, however, transect five and six are now considered hinterland sites and will be discussed further in section 4-12.

Over the five seasons of survey, a total of 60 bird species were recorded along all four winter transects, and included six red-listed species including Golden Plover ,Kestrel, Lapwing, Meadow Pipit, Redwing and Snipe; 17 amber-listed species: Goldcrest, Great Crested Grebe, Greenfinch, Hen Harrier, House Sparrow, Lesser Black-backed Gull, Linnet, Mallard, Mute Swan, Ringed Plover, Skylark, Starling, Swallow, Teal, Tufted Duck, Whooper Swan, Wigeon; and 37 green-listed birds. Four bird species recorded are Annex I listed species: hen harrier, golden plover, little egret and whooper swan.

Mallard, meadow pipit, snipe and teal were the most frequently recorded species during surveys. Wigeon, followed by mallard and teal, accounted for the highest number of individuals recorded during the winter surveys, with peak abundances occurring along T2, while T4 supported the highest bird species diversity over all winter surveys.

The results of the winter transect surveys over a four-year period at Littleton are shown in Appendix XI.

4.4.1 2020/2021

During the 2020-2021 winter transects a total of 40 species were noted along the transects. Little Egret and Whooper Swan were the Annex I species recorded during winter surveys, a feather of a Hen Harrier was also found in February 2021 along TR2. The Red-listed species recorded during winter transects were Kestrel, Lapwing, Meadow Pipit, Redwing and Snipe. A total of eight Amber-listed species were recorded: Goldcrest, Mallard, Mute Swan, Skylark, Starling, Teal, Whooper Swan and Wigeon. The remaining 27 species are Green listed. Of the above red-listed and amber-listed species, wigeon (171) and mallard (76) were the most noted species followed by teal (38), snipe (17) and meadow pipit (16). The highest counts for each of these species were recorded along T2.

Table 4-6: Summary of Winter transects survey 2020-2021, including red, amber and annex I species

Species	BTO code	No. individuals			BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2	Visit 3		
Goldcrest	GC	2	-	-	Amber	Two goldcrest were observed during visit one within 0-25m of T3.
Hen Harrier	HH	-	-	-	Amber	A hen harrier feather was found along T2 during visit three.
Mallard	MA	36	26	14	Amber	Mallard were observed seven times during visits. During visit one they were recorded within 25-100m of T4 an T3, in flocks of 14 and 2, respectively. 20 were recorded within 0-25m of T2. 22 were recorded within 100+/flying over T2, and four within 0-25m of T3, during visit two.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2	Visit 3		
						Mallard were observed along T2, a flock of 12 within 100+/flying over and 2 within 25-100m during visit three
Mute Swan	MS	2	-	-	Amber	Two mute swan were observed within 100+/flying over T1 during visit one.
Skylark	S.	1	-	-	Amber	One skylark was recorded within 0-25m of T4 during visit one.
Teal	T.	-	12	26	Amber	No teal were observed during visit one. Eight teal were recorded within 100+/flying over T2 and four within 0-25m of T 3, during visit two. Th highest flock count of 20 were recorded within 100+/flying over T2 and six were recorded within 25-100m ofT3, during visit three.
Whooper Swan	WS	11	-	-	Amber	11 whooper swan were observed within 100+/flying over T4 during visit one.
Little Egret	ET	1	1	-	Green	One individual was seen within 100+/flying over T4 during visit one. Another was recorded within 0-25m of T3 during visit two.
Wigeon	WN	6	45	120	Amber	Six wigeon were observed within 0-25m of T2 during visit one, and flocks of 45 and 120 were recorded within 100+/flying over T2, during visits two and three. Highest flock count was 120 wigeon flying over.
Kestrel	K.	1	-	1	Red	Kestrel were observed within 25-100m of T4 during visit one, and once within 25-100m of T2 during visit three.
Lapwing	L.	1	-	-	Red	Four lapwing were observed within 25-100m of T4 during visit one.
Meadow Pipit	MP	8	2	6	Red	Meadow pipits were observed on eight occasions during visits.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location of sightings along transects
		Visit 1	Visit 2	Visit 3		
						Two were recorded within 0-25m, three within 25-100m of T4. Two individuals were recorded within 0-25m and one within 25-100m of T2, during visit one. One individual was recorded within 0-25m of T1 and another within 25-100m of T3 during visit two. Five were recorded within 0-25m of T2, and one individual was recorded within 0-25m of T3 during visit three.
Redwing	RE	5	-	-	Red	Five redwing were observed on within 0-25m of T4 during visit one.
Snipe	SN	14	0	3	Red	Snipe were observed six times during visits. Six were recorded within 0-25m of T4 and another six were recorded within 0-25m of T3. One snipe was recorded within 0-25m of T2, and one within 25-100m of T3 during visit one. Two snipe were recorded within 0-25m of T2, and one individual was recorded within 0-25m of T3 during visit three.

4.4.2 2021/2022

During the 2021-2022 winter transects a total of 53 species were noted along the transects. Hen Harrier and Whooper Swan were the Annex I species recorded during winter surveys. The Red-listed species recorded during winter transects were: Kestrel, Meadow Pipit, Redwing and Snipe. A total of 16 Amber-listed species were recorded: Goldcrest, Great Crested Grebe, Greenfinch, Hen Harrier, House Sparrow, Lesser Black-backed gull, Linnet, Mallard, Mute Swan, Ringed Plover, Skylark, Starling, Teal, Tufted Duck, Whooper Swan and Wigeon. The remaining 33 species are Green-listed.

The highest number of birds recorded were along T1 and T2. Of the above red-listed and amber-listed species, wigeon (80+) and mallard (61) were the most noted species followed by redwing (32), starling (31). The highest counts for Redwing and starling were recorded along T1, and for mallard and wigeon along T2.

Table 4-7: Summary of Winter transects survey 2021-2022, including red, amber and annex I species

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Goldcrest	GC	3	3	5	Amber	Three goldcrest were observed once during visit two along transect two within 0-25m of T1. Goldcrest were observed twice during visit two along T2 within 0-25m and 25-100m. Goldcrest were observed three times during visit three within 0-25m of T1, T2, and T3.
Great Crested Grebe	GG	-	-	1	Amber	Great Crested Grebe were recorded once during visit three flying over T4.
Greenfinch	GR	-	-	1	Amber	Greenfinch were recorded once during visit three within 25-100m of T4
Hen Harrier	HH	-	-	1	Amber	A hen harrier was recorded being mobbed by two hooded crows within 25-100m of T3 during visit three
House Sparrow	HS	1	2	2	Amber	House sparrow was recorded within 25-100m of T4 during visit all visits.
Lesser Black-backed Gull	LB	-	2	-	Amber	Lesser Black-backed Gull were observed on two occasions, within 25-100m and 100+/flying over of T4 during visit two.
Linnet	LI	3	6	-	Amber	Linnet were observed on four occasions, within 0-25m of T1 and T4 during visit one, and within 0-25m and 25-100m of T4 during visit two.
Mallard	MA	31	18	12	Amber	Mallard were recorded twice during visit one, within 0-25m of T2 and within 25-100m of T3. They were observed three times during visit two, within 0-25m and 25-100m of T2 and within 0-25m of T3, and twice during visit three along T2 and T3. Highest count of mallard along T2.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Mute Swan	MS	1	-	-	Amber	One mute swan was recorded within 25-100m of T1 during visit one.
Ringed Plover		-	-	1	Amber	One Ringed \plover was recorded within 100+/flying over T4 during visit three.
Skylark	S.	2	1	-	Amber	Skylark were recorded during visit one and two, within 0-25m of T1 and T4.
Starling	SG	-	30	1		Starling were recorded once during visit one within 0-25m of T1, and once within 100+/flying over T4 during visit three.
Teal	T.	1	-	10	Amber	Teal were recorded twice within 0-25m and 25-100m of T2 during visit two and three.
Tufted Duck		1	-	-	Amber	Tufted Duck was recorded once within 25-100m of T3 during visit one.
Whooper Swan	WS	1	1	-	**Amber**	Whooper Swan were recorded within 25-100m of T4 during visit one and heard within 100+/flying over of T4 during visit two.
Wigeon	WN	-	-	80+	Amber	Wigeon were observed once within 25-100m of T2 during visit three.
Kestrel	K.	-	-	2	Red	Kestrel were twice within 0-25m of T1, and within 25-100m of T2 during visit three
Meadow Pipit	MP	11	5	3	Red	Meadow pipit were observed on three occasions during visit one, within 0-25m of T2 and T3, and 100+/flying over T4. They were observed three times during visit two, within 0-25m of T2, T3 and T4. They were observed twice during visit three, within 0-25m of T2 and T3.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Redwing	RE	-	31	1	Red	30 Redwing were recorded within 0-25m of T1, and one was seen 100m+/flying over T4 during visit two. One was recorded within 0-25m of T4 during visit three.
Snipe	SN	1	1	4	Red	Snipe were recorded once during visit one and two, and twice during visit three, all were recorded within 0-25m of T2 and T3.

4.4.3 2022/2023

During the 2022-2023 winter transects a total of 42 species were noted along the transects. Golden Plover and Whooper Swan were the Annex I species recorded during winter surveys. The Red-listed species recorded during winter transects were: Golden Plover, Meadow Pipit and Snipe. A total of 11 Amber-listed species were recorded: Goldcrest, Greenfinch, Lesser Black-backed Gull, Mallard, Mute Swan, Skylark, Starling, Teal, Whooper Swan and Wigeon. The remaining 28 species are Green-listed.

The highest number of birds recorded were along T2. Of the above red-listed and amber-listed species, wigeon (110) and teal (30) were the most noted species followed by mallard (26) and golden plover (20), all of which were recorded along T2.

Table 4-8: Summary of Winter transects survey 2022-2023, including red, amber and annex I species

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Goldcrest	GC	3	2	1	Amber	Goldcrest were observed three times within 0-25m of T1, T2 and T4 during visit one. They were recorded twice within 0-25m of T2 and T4 during visit two and recorded once within 0-25m of T4 during visit three.
Greenfinch	GR	-	-	1		One individual was recorded within 0-25m of T4 during visit three.
Lesser Black-backed Gull	LB	-	1	-		One individual was recorded within 25-100m of T4 during visit two.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Mallard	MA	8	18	4	Amber	Eight Mallard were observed once within 0-25m of T2 during visit one. 18 were observed within 0-25m of T2 during visit two. 2 individuals were observed on two occasions within 0-25m of T3 and 100+/flying over of T4 during visit three.
Mute Swan	MS	-	2	-	Amber	Two mute swan were observed within 0-25m of T4 during visit two.
Skylark	S.	9	-	-	Amber	Skylark was recorded three times during visit one, six were observed within 0-25m of T2, two within 0-25m of T4 and an individual within 25-100m of T4.
Starling	SG	2	-	1	Amber	Two starling were recorded within 0-25m of T2 during visit one, and one individual within 25-100m of T4 during visit three.
Swallow	SL	10	-	-	Amber	Ten Swallow were recorded within 0-25m of T2 during visit one.
Teal	T.	-	-	52	Amber	Teal were recorded twice during visit three. 22 were recorded within 0-25m of T3 and 30 were recorded within 25-100m of T2.
Whooper Swan	WS	7	-	-	**Amber**	Seven Whooper Swan were recorded within 100+/flying over T4 during visit one.
Wigeon	WN	-	40	70	Amber	40 Wigeon were recorded within 0-25m of T2 during visit two, and 70 were recorded within 25-100m of T2 during visit three.
Golden Plover	GP	-	20	-	Red	20 Golden Plover were recorded within 100+/flying over T2 during visit two.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Meadow Pipit	MP	9	4	2	Red	Meadow Pipit were recorded twice within 0-25m and 100+/flying over T2 during visit one. Four individuals were recorded once within 0-25m of T2 during visit two. Two individuals were recorded within 0-25m of T2 during visit three.
Snipe	SN	3	1	-	Red	Snipe were recorded twice within 0-25m of T2 and 25-100m of T3 during visit one. One individual was recorded within 0-25m of T2 during visit two.

4.4.4 2023/2024

During the 2023-2024 winter transects a total of 42 species were noted along the transects. Whooper Swan and Golden Plover were the Annex I species recorded during winter surveys. The Red-listed species recorded during winter transects were: Golden Plover, Kestrel, Meadow Pipit and Snipe. A total of 11 Amber-listed species were recorded: Goldcrest, House Sparrow, Lesser Black-backed Gull, Mallard, Mute Swan, Skylark, Starling, Teal, Whooper Swan and Wigeon. The remaining 27 species are Green-listed.

The highest number of birds recorded were along T2. Of the above red-listed and amber-listed species, wigeon (134) and teal (76) were the most noted species followed by mallard (30) and swallow (13). The highest number of wigeon, mallard and teal were recorded along T2, and swallow were recorded along T3.

Table 4-9: Summary of Winter transects survey 2023-2024, including red, amber and annex I species

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Goldcrest	GC	1	1	-	Amber	Goldcrest were observed twice during visits. One individual was recorded within 0-25m of T4 during visit one and one within 0-25m of T4 during visit two.
House Sparrow	HS	-	6	3	Amber	House Sparrow were observed twice during visits. Six were recorded within 25-100m of T4 during visit two, and three were recorded within 25-100m of T4 during visit three.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Lesser Black-backed Gull	LB	-	-	2	Amber	Two were recorded within 100+/flying over T4 during visit three.
Mallard	MA	11	10	27	Amber	Mallard were observed seven times during visits. Seven were recorded within 25-100m of T3, three recorded within 25-100m of T1, and one within 0-25m of T1 during visit one. Ten were recorded within 0-25m of T2 during visit two. Four were observed within 0-25m of T3 and three were recorded within 25-100m of T3, and 20 were recorded within 25-100m of T2 during visit three.
Mute Swan	MS	2	-	-	Amber	Two Mute Swan were recorded within 25-100m of T4 during visit one.
Skylark	S.	5	-	-	Amber	Skylark were observed on two occasions during visit one. Three skylark were recorded within 0-25m of T4, and two were recorded within 25-100m of T4
Starling	SG	2	-	-	Amber	Two starling were recorded within 25-100m of T4 during visit one
Swallow	SL	13	-	-	Amber	13 Swallow were recorded within 0-25m of T3 during visit one
Teal	T.	2	16	68	Amber	Teal were observed five times during visits. During visit one, two Teal were recorded within 25-100m of T1. 16 were recorded within 0-25m of T2 during visit two. 8 Teal were recorded within 0-25m of T3, and 60 were recorded within 25-100m of T2 during visit three

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Whooper Swan	WS	3	-	4	**Amber**	Three Whooper swan were recorded along T1 during visit one, and four were recorded along T3, both within 25-100m of transects.
Wigeon	WN	-	44	90	Amber	Wigeon were recorded along transect two during visit two and three. 44 were recorded within 0-25m of transect and 90 within 0-25m of transect.
Golden Plover	GP	1	-	-	Red	One Golden Plover was heard 100+/flying over T1 during visit one.
Kestrel	K.	1	-	-	Red	One Kestrel was recorded within 0-25m of T3 during visit one.
Meadow Pipit	MP	6	-	-	Red	Three Meadow Pipit were recorded within 0-25m of T3 and 0-25m of T1 during visit one.
Snipe	SN	4	-	1	Red	Sniper were observed twice during visit one. One individual within 0-25m of T1 and 3 within 0-25m of T1. One individual was recorded within 0-25m of T3 during visit three.

4.4.5 2024/2025

During the 2024-2025 winter transects a total of 42 species were noted along the transects. Little Egret were the only Annex I species recorded during winter surveys. The Red-listed species recorded during winter transects were: Meadow Pipit and Snipe. A total of 10 Amber-listed species were recorded: Goldcrest, House Martin, Lesser Black-backed Gull, Linnet, Mallard, Mute Swan, Skylark, Starling, Teal and Wigeon. The remaining 29 species are Green-listed.

The highest number of birds recorded were along T2. Of the above red-listed and amber-listed species, wigeon (159) and teal (58) were the most noted species followed by mallard and meadow pipit. The highest counts of each of these species were recorded along T2.

Table 4-10: Summary of Winter transects survey 2024-2025, including red, amber and annex I species

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Goldcrest	GC	5	2	-	Amber	Two goldcrest were recorded within 0-20m of T5 during visit one. Goldcrest were heard along T4 on two occasions and along T1 on one occasion, during visit one. Goldcrest was noted along T4 and T1 during visit two.
House Martin	HM	1	-	-		House martin were noted on one occasion along T4 during visit one.
Lesser Black-backed Gull	LB	-	-	1		A single lesser black-backed gull fly over T4 during visit 3
Linnet	LI	5	-	-	Amber	Five Linnet were recorded within 0-25m of T2 during visit one.
Mallard	MA	20	42	21	Amber	Mallard were observed 13 times during visits. Mallard were seen flying over T2 on six occasions, with highest flock number of 26. Mallard were observed within 25-100m and flying over T3, with highest flock number of eight. Two mallard were noted along T3 during visit 3
Mute Swan	MS	-	-	2	Amber	Two Mute Swan were observed within 25-100m of T3 during visit three
Starling	SG	1	-	-	Amber	Starling were heard along T4 during visit one
Skylark	S.	8	-	-	Amber	Two skylark were recorded within 25-100m of T2 during visit one 4 skylark were recorded along T4 within 100+/flying over

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
						Two were recorded flying over T4 during visit one. Skylark were recorded on a third occasion
Teal	T.	-	17	53	Amber	Teal were observed five times within 100+/flying over T2, with highest flock of 35. Teal were recorded twice within 25-100m of T3 during visit one. Five Teal were recorded within 100+/flying over T3.
Wigeon	WN	2	77	73	Amber	Wigeon was observed seven times during visits. Wigeon were seen flying over T2, in flock sizes of 2,30,28,12,65 and 22. Three Wigeon were recorded within 100+/flying over of T3 during visit two.
Little Egret	ET	1	-	-	Annex I	One individual was recorded within 25-100m of T2 during visit one.
Meadow Pipit	MP	32	3	-	Red	Meadow Pipit were observed on nine occasions during visits. 14 were recorded within 25-100m of T2, 10 within 0-25m, 5 within 100+/flying over. Meadow pipit were heard on three occasions along T3 during visit one One individual was seen within 0-25m and one individual at 25-100m of T3, during visit two. One individual was recorded within 0-25m of T2 during visit two. Meadow pipit were noted along T3 on a further three occasions during visit three.

Species	BTO code	No. individuals			BoCCI 2020-2026	Location within 500 m turbine buffer
		Visit 1	Visit 2	Visit 3		
Snipe	SN	4	9	5	Red	Snipe were recorded seven times during visits. Individuals were recorded at 0-25 and 25-100m of T3. Four Snipe were observed within 25-100m of T2. Snipe were noted to along T1 once during visit two and twice during visit three.

4.5 Breeding Wader Surveys

The results of the summer breeding wader surveys at Littleton are shown in Appendix XI. Breeding wader Maps are shown in Appendix X.

A total of six wader species were noted during breeding wader surveys. These were Red-listed Curlew, Lapwing, Snipe and Woodcock, Amber-listed Ringed Plover and Green-listed Green Sandpiper.

A total of 13 waterbirds species were noted during the breeding wader surveys. These were Amber-listed Black-headed Gull, Coot, Great Crested Grebe, Lesser Black-backed Gull, Mallard, Mediterranean Gull, teal and Tufted Duck, Green-listed Grey Heron, Little egret, Little Grebe and Moorhen. Amber-listed for wintering Greylag Goose was also recorded.

4.5.1 Summer 2021

Table 4-11: Summary of breeding wader surveys 2021, including red, amber and annex I species

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Curlew	CU	Red		Curlew were recorded three times during the season. On the 14th of April 2021 curlew were heard calling from WPC1, territory 9rasied bog) might be occupied. A pair curlew were noted displaying over old cutover bog (territory occupied). On the 26th of July 2021 five post-breeders observed while walking BW-T1 & T2	Territory occupied. Breeding not confirmed.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Green Sandpiper	GS	Green		Green sandpiper was noted once on the 26th of July 2021, two adults were recorded along BW-T1 & T2	Not Assessed
Lapwing	L.	Red		Lapwing was noted four times during breeding wader surveys in April 2021. On the 14th of April a male Lapwing was observed in a breeding display and standing at a bog pond within a Black-headed Gull colony from WPC1, and the territory was occupied. On the same day a lapwing was calling distantly and was noted from PC3. On the 16th of April, three adult Lapwing were observed in a breeding display from WPC3 and the territory was occupied. On the 17th of April, six adult Lapwing were observed from BW-T1 and at least four Lapwing nest sites were identified.	Confirmed Breeding
Ringed Plover	RP	Amber		On the 26th of July 2021 two juvenile Ringed Plover were seen from BW-T1&2. They likely flew to the site from elsewhere as no evidence of Ringed Plover breeding was noted earlier in the breeding season.	Non-breeding

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Snipe	SN	Red		Snipe were noted on 16 occasions during the breeding wader surveys. On the 14th of April breeding was confirmed when an adult was flushed off their nest near WPC1. On the same day three more notes of Snipe were made, all from PC3. In all cases chipping was heard and in one case drumming and territory was occupied along this transect. On the 15th of April 2021 a Snipe was heard drumming from WPC3 and territory was occupied. On the 17th of April ten snipe were noted to be chipping, calling and drumming from BW-T1 and territory was occupied. On the 6th of June 2021, Snipe was observed three times, chipping and drumming from WPC2 and territory was occupied. On the 3rd of June 2021 snipe was noted to be drumming from WPC5. On the 8th of July Snipe was noted five times. Snipe was noted to be chipping twice from BW-T1&T2 and territory was occupied. It was noted to be calling once from PC1 and territory might be occupied. Snipe was heard chipping from WPC3 and drumming from WPC1 and both territories were occupied. On the 26th of July a Snipe was heard calling from BW-T1&T2.	Confirmed breeding
Woodcock	WC	Amber		On the 1st of June 2021: Ten notes of Woodcock around dusk from BW-T3; at least two birds recorded roding.	Confirmed breeding (roding males)
Black-headed Gull	BH				
Coot	CO			Coot were noted on four occasions along BW-T1&2. On the 17th of April, one coot was recorded along BW-T1. On the 8th of July 2021, one coot was seen on the southern lake, and two were recorded on the northern lake along BW-T1&T2. On 26th of July 2021, 3 Coot were recorded on the northern lake	-

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Great crested Grebe	GG			Great crested grebe were recorded on one occasion along BW-T1&2. Two individuals were noted on the northern lake.	-
Grey Heron	H.			Grey Heron were recorded on six occasions. On 15th of April 2021 an individual flew down to bog pond and reed bed. On the 8th of July 2021, three separate individuals were recorded, one along BW-T1&2, one calling at WPC2 and one going to roost in trees to the south of WPC1. On the 26th of July 2021, two grey heron were noted on the northern lake and one on the south lake, along BW-T1&2.	-
Greylag Goose	GJ			Greylag goose were noted on two occasions. On the 14th of April 2021, a male was recorded calling (territory occupied) at WPC1. On the 17th of April 2021, three adults were recorded alarm calling, two males and one female, along BW-T1 from the bog lake	Territory Occupied
Lesser Black-backed gull	LB			Lesser Black-backed gull was noted on one occasion. On 26th of July 2021, six were recorded along BW-T1&2.	-
Little Egret	ET			Little Egret were noted on four occasions. On the 1st of June 2021, an individual was recorded on pond at WPC2. On the 8th of July 2021, five individuals were noted on the northern lake along BW-T1. On the 26th of July 2021, 20 birds were recorded on the northern lake along BW-T1&2, and one was noted on the southern lake.	-
Little Grebe	LG			Little grebe were noted on seven occasions. On the 14th of April 2021 six individuals were noted on the bog pond at WPC1 (territory occupied). On the 8th of July, 8 individuals including five juveniles were noted on the northern lake along BW-T1&2.	Breeding confirmed

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				Nine individuals including five juveniles were noted on the southern lake along BW-T1&2. Individual birds were noted two more times at WPC1 and WPC2 at dusk. On the 26th of July 2021, seven little grebe were recorded including two juveniles on northern lake, and four were recorded on the southern lake along BW-T1&2.	
Mallard	MA		74	Mallard were noted on 12 occasions, along BW-T1&2, and WPC1-3. On the 14th of April 2021, four Mallard including a female with a large brood were noted on the bog pond at WPC1, confirming successful breeding. On the 15th of April 2021, two adults were recorded at WPC3, and were observed at bog pond habitats (PB1, WN7) exhibiting dusk calling, and the territory was considered occupied. On the 17th of April 2021, alongBW-T1, two mallard (territory occupied), with observations made in an area also containing an active Black-headed Gull colony. On the 8th of July 2021 they were noted six times. Mallard in numbers of two, five, five, 11 and six were noted along BW-T1&2 within the northern and southern lakes and swan lake. Hatchlings were present on swan lake, indicating successful breeding. Four mallard were noted at WPC2 and two at WPC1. On the 26th of July 2021, mallard were noted in numbers of six, 11 and 18 along BW-T1&2. These included two juveniles on the northern lake, indicating successful breeding.	Successful breeding on the northern and swan lake
Mediterranean Gull	MU		1	On the 17th of April, a Mediterranean gull was noted along BW-T2	-
Moorhen	MH		21	Moorhen were noted on five occasions. On the 17th of April, two were recorded along BW-T1 (territory occupied).	Successfully breeding in northern and southern lakes

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 8th of July 2021, 11 moorhen including two juveniles were noted on the northern lake, three including one juvenile on the southern lake and one noted during WPC2 at dusk. On the 26th of July 2021, four including one very young juvenile was noted on the southern lake along BW-T1&2.	
Ringed Plover	RP	Red	2	On the 26th of July 2021, two ringed plover were noted on the southern lake along BW-T1&2.	considered flown in from elsewhere as no evidence of breeding here previously
Teal	T.	Amber	18	On the 14th of April 2021, three teal were noted on a bog pond at WPC1, in close association 9 possibly occupied). On the 8th of July nine teal mainly juveniles were noted on swan lake along BW-T1&2. Two more individuals were noted at WPC1. On the 26th of July 2021, four teal were noted along BW-1&2 at dawn.	Successfully breeding at swan lake
Tufted Duck	TU	Amber	1	On the 26th of July one tufted duck was noted at the northern lake along BW-T1&2 at dawn.	Non-breeding

4.5.2 Summer 2022

Table 4-12: Summary of breeding wader surveys 2021, including red, amber and annex I species

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Curlew	CU	Red	52	Curlew were recorded seven times during the season. On the 3rd of April 2022, one curlew was singing from lake at WPC2 (territory occupied). On the 8th of May 2022, one individual was heard calling, and another flying away at WPC1 (territory occupied).	Successfully breeding on cutover bog and lake at WPC2.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 15th of June, an adult was noted feeding and flying over the lake and blanket bog at WPC1 (territory occupied). On the 4th of July, a flock of 47 birds including juveniles were noted roosting on cutover bog and lake at WPC2, two more juveniles were noted roosting on the lake at exact spot as adult curlew was seen flying from on the 15th of June.	
Lapwing	L.	Red	73	Lapwing was noted on 11 occasions during 2022 season. On the 3rd of April, two and nine lapwing were noted to be not settled to breed but feeding on the cutover bog and tilled land at WPC2. A further two were recorded flying over the lake at WPC1. On the 8th of April, a male and female were displaying, along lake and cutover bog at BW-T1&2 (territory occupied). On the 9th of May, one female was noted to be incubating, and one male was observed close to female on the lake along BW-T2. On the 14th of April a male Lapwing was observed in a breeding display and standing at a bog pond within a Black-headed Gull colony from WPC1, and the territory was occupied. On the 13th of June, two lapwing male and female were sitting on north lake along BW-T1&2, confirmed to be breeding pair. On the 14th of June 2022, 23 engaged in a distress display, 19 were noted to be roosting in post breeding flock, with two pairs together close to WPC2.	Confirmed Breeding attempts throughout season along lakes at BW-T1&2, and at lakes to the west of site at WPC1&2.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 4th of July, 28 lapwing were roosting on lake, while one female was noted alarm calling in same spot as the 14th of June where pair were noted. On the 7th of July 2022, two individuals were noted along lake, with a juvenile presumed to be hiding.	
Snipe	SN	Red	56	Snipe were noted on 37 occasions during the breeding wader surveys. On the 7th of April, one individual was noted in lake at PC3. On the 8th of April, one was heard chipping, one flushed from cutover bog, and another four from blanket bog along BW-T1&2. Territory occupied. Snipe in numbers of one, three, four, one and three, were heard drumming and chipping in wet grassland, lake and scrub along BW-T3. Occupied territory. On the 6th of May, snipe were heard drumming and chipping on five occasions along BW-T4. Snipe were heard drumming on four occasions at WPC1. Territory occupied. In June snipe were noted to be drumming and chipping along WPC1 and WPC8, territory occupied. In July, snipe were noted on nine occasions, drumming and chipping at WPC2, WPC1, WPC9 and along Bw-T1&2.	Confirmed breeding along all four transects and lakes and ponds near WPC1, 2,5, 8,9.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Woodcock	WC	Amber	13	On the 8th of April 2022, six notes of Woodcock around dusk from BW-T3; at least three birds recorded roding. On the 9th of April an individual was recorded roding twice from bog woodland at WPC7. On the 15th of June adults were heard roding from cutover bog and bog woodland at WPC1 (territory occupied)	Confirmed breeding (roding males)
Black-headed Gull	BH	Amber	68	Black-headed gulls were noted on eight occasions during the 2022 season. On the 3rd of April, 11 were seen flying and calling over lake at WPC1, and a further 15 were noted at active colony at WPC1. On the 8th of April, 26 birds were noted at active colony along BW-T1&2, four were noted flying over from south lake at PC1, and seven were noted at WPC1 at dawn, with at least one adult incubating. On May 9th, a previous BH colony appeared to be abandoned along BW-T2. On the 13th of June, colony was noted to be abandoned from the south lake along BW-T1&2. On the 14th of June, five black-headed gull were noted at WPC1, on to two nests present.	BH colony in west of site, at WPC1 confirmed breeding
Coot	CO	Amber	1	One coot was observed on the north lake along BW-T1&2 at dusk	Non-breeding
Great crested Grebe	GG	Amber	9	Great crested grebe were recorded on four occasions and along BW-T1&2 and once at WPC7. On the 8th of April, one individual was noted on nest at lake along BW-T1&2. On the 9th of April, one individual was noted at dusk at WPC7. Two were observed on nest along BW-T2, confirmed breeding attempt.	Confirmed breeding in lakes in the north of site

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 13th of June, one individual was noted on the Northlake at dusk along BW-T1&2. On the 7th of July, four great crested grebe were recorded including juveniles along lake at BW-T1&2	
Grey Heron	H.	Green	13	Grey Heron were recorded on seven occasions. One individual was noted at WPC1 and one at PC3 in April, both along lake habitat. Two heron were noted along BW-T2 in May twice (territory occupied). Three heron were noted along the north lake in June and July. One grey heron was also noted calling and going to roost at WPC9.	Occupied territory at WPC1, BW-T2 and WPC9
Greylag Goose	GJ	Amber	4	Greylag geese were noted on two occasions. On the 8th of April two individual's male and female were alarm calling on lake along BW-T1&2 (territory occupied). On the 9th of May, two were recorded together along BW-T2.	Territory Occupied of lakes in north of site
Kingfisher	KF	Amber	1	One kingfisher was noted on the 7th of July along drainage ditch along south end of lake at BW-T1&2.	Occupied territory at south end of lake located along BW-T1&2.
Little Egret	ET	Green/Annex I	12	Little Egret were noted on five occasions. On the 7th of April, one was noted on lake at PC3. On the 8th of April, four were noted on lake along BW-T1&2 (territory occupied). Two more individuals were observed along BW-T1&2. On the 7th of July, an individual and a flock of four were noted long BW-T1&2.	Occupied territory along lake in the north of site, possibly just roosting and feeding here

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Little Grebe	LG	Green	53	Little grebe were noted on 13 occasions. Little grebe were seen in numbers of 2- 5 along WPC1, PC3 and BW-T1&2 in April. 2-3 little grebe were noted along BW-T2 in May (territory occupied), five noted at WPC1. In June, three and two individuals were noted along the north and south lake, respectively. Nine were observed at WPC1. In July eight, including adults and juveniles were noted on lake along BW-T1&2. A further four were recorded along the lake.	Breeding confirmed on lake in north oof site along BW-T1&2.
Mallard	MA	Amber	73	Mallard were observed on five occasions in April, five and eight mallard were noted at WPC1&2 to the west of site, respectively, with territory occupied. Six mallard were noted along BW-T1&2 and one at WPC7. Mallard were observed in May on two occasions. 19 mallard including three broods were noted at WPC1. Successful breeding. In June two mallard and another two were noted on lake along BW-T1&2, territory occupied in south lake. On June 6 including brood were noted at WPC1, successfully breeding. Another individual was noted at the lake. An adult pair, three and one individual were noted using the lake, cutover bog at WPC8. Territory occupied. In July, four and three were noted along lake near BW-T1&2.	Successful breeding on the northern and swan lake
Moorhen	MH	Green	21	Moorhen were noted on eight occasions during the season. In April two individuals were noted at WPC1&2 (territory occupied). Three more moorhen were noted on lake along BW-T1&2.	Occupied territory throughout site, no confirmed breeding

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				In May, one moorhen was noted at WPC1. On June 6 moorhen were observed in the north and south lake along BW-T1&2. Three moorhen were noted on lake along BW-T1&2	
Shoveler	SV	Red	1	One shoveler was observed on lake at WPC1 in April (territory occupied)	Occupied territory in lake in the west of site at WPC1.
Teal	T.	Amber	18	Teal were noted on five occasions in April, all were noted to be using lakes, three and seven Teal were observed at WPC1&2 to west of site, two, two and 16 teal were observed on swan lake along BW-T1&2 Teal were noted on three occasions in June, three, seven and one individual were noted on swan lake in north of site, WPC1, to west of site and at WPC8, respectively	Occupied territory within swan lake in the north of site and lakes in the west of site
Wigeon	WN	Amber	4	Four wigeon were notes on lake near WPC1 in April (territory occupied).	Occupied territory in lake to west of site.

4.5.3 Summer 2023

Table 4-13: Summary of breeding wader surveys 2021, including red, amber and annex I species

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Curlew	CU	Red	2	On the 4th of April curlew were noted on two occasions at WPC2 to the west of site. An adult was noted calling and perching at lake and cute over bog in the suspected nest area of 2022, and then later display song heard by same bird.	Occupied territory
Green Sandpiper	GE	Green	1	Green sandpiper was noted once on the 4th of July 2023, a juvenile noted to be a post breeding bird from another location was noted along BWT1&2.	Not Assessed
Jack Snipe		Green	1	On the 2nd of April, one jack snipe was flushed overwintering on migration along BW-T1&2	Non-breeding
Lapwing	L.	Red	11	Lapwing was noted five times during breeding wader surveys in 2023. In May a lone male was noted at WPC2, and another male and female were noted, distant display and confirmed breeding. In July one adult was heard alarm calling along cutover bog and lake at WPC2, considered protecting young at or near nest. A further six were noted as non-breeding birds. On lapwing was observed alarm calling along BW-T1&2, protecting chick hidden in vegetation.	Breeding along lake at WPC2 and lake at BW-T1&2.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Snipe	SN	Red	62	On the 2nd of April, two Snipe were heard chipping at the north lake along BW-T1 & T2, with one bird chipping close by, one Snipe was flushed rising from the south lake along BW-T1 & T2, indicating a possibly occupied territory. Six snipe were flushed rising at Swan Lake along BW-T1 & T2, mostly close to VP7 along BW-T2, suggesting a possibly occupied territory. On the 2nd of April at PC1, one Snipe was flushed rising, indicating a possibly occupied territory. On the 4th of April at WPC2, one adult Snipe was heard drumming around cutover bog and blanket bog, confirming an occupied territory. On the 14th of April at WPC6, one adult Snipe was heard chipping around cut over bog and bog woodland, confirming an occupied territory. In May snipe were heard chipping and drumming along BW-T3, a minimum of five snipe were noted here. Territory occupied. Four snipe were heard chipping along lake and bog at WPC2. A minimum of nine snipe were heard calling and drumming at WPC4, territory occupied, two were noted chipping and flying along BW-T1&2. Five or more were noted at WPC2 drumming and chipping and six at WPC3, all along the lake and cut over bog habitat.	Confirmed breeding

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				Ten snipe were noted chipping and drumming along BW-T4 in July, near lake and woodland bog.	
Shoveler	SV	Red	4	Four shoveler including male and females were recorded at WPC	Not Confirmed
Woodcock	WC	Amber	11	On the 1st of May, nine notes of Woodcock around dusk from BW-T3; with a maximum of seven birds recorded roding. On individual was heard roding at WPC7 in conifer plantation, territory occupied. On individual was seen twice and also roding from bog woodland near WPC3.	Confirmed breeding along BW-T3, WPC7 and WPC3 (roding males)
Black-headed Gull	BH		8	Black-headed gull were noted on four occasions. Three were noted flying over swan lake along BW-T1&2. Two were noted flying over WPC2, while three were noted with one incubating at active colony	Breeding in small number
Great crested Grebe	GG		8	Great crested grebe were recorded on four occasions during the season. A male and female were pair bonding in previous nesting are near the north lake along BW-T1&2. Two were noted at WPC6. Four were observed along BW-T1&2, a pair on a nest in the north lake in May and an adult and juvenile noted in July. Successful breeding	Breeding at north lake
Grey Heron	H.		9	Grey Heron were recorded on six occasions, throughout the site. A total of nine grey heron were recorded feeding, calling and flying throughout the season.	Not confirmed

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Greylag Goose	GJ		6	Greylag geese were noted on two occasions. Four greylag geese were observed at north lake along BW-T1&2, including a male and female. Territory occupied. A male and female were recorded calling and holding territory in pond along WPC5.	Territory Occupied
Lesser Black-backed gull	LB		12	Lesser Black-backed gull were noted on three occasions. In April, five were noted along BW-T1&2. On 14th of June, seven were recorded flying north from WPC3.	Non-breeding
Little Egret	ET		1	Little Egret were noted on one occasion. On the 14th of April 2023, an individual was recorded flying to roost at WPC6.	Not confirmed
Little Grebe	LG			Little grebe were noted on 13 occasions. On the 2nd of April, 11 were noted along BW-T1&2. On the 12th of May, four individuals were recorded, two at north lake, one at southern lake and one a swan lake. On the 4th of July four little grebe were noted along BW-T1&2. On the 4th of April three were noted to occupy territory at WPC2. Two more individuals were note here on the 2nd of May. On the 31st at dusk three little grebe were present on ponds, and one was noted on the 6th of July. Five little grebe were noted at WPC6 at dusk on the 14th of April.	Territory Occupied

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Mallard	MA		74	Mallard were noted on 14 occasions, along BW-T1&2, BW-T3and WPC2, WPC6 and WPC7. Mallard were recorded on eight occasions along BW-T1&2, in numbers of two to 17mallard, in the northern and southern lakes. On the 12th of May a female and eight juveniles were recorded. On the 4th of July six adults and 11 juveniles were noted. On the 1st of May, a mallard was recorded calling along BW-T3. Mallard were recorded on four occasions at WPC2, in numbers of nine to 13. On the 4th of April it is noted mallard occupied territory, and in May adults and juveniles were recorded. On the 14th of April, one mallard were recorded at WPC6. On the 30th of May one mallard was recorded at WPC7.	Successful breeding on the northern and swan lake, WPC2
Moorhen	MH	Green	14	Moorhen were noted on eight occasions. They were recorded four times between April and July along BW-T1&2, in numbers of one to three individuals. Moorhen were recorded four times at WPC2 between April and July, in number of one to three individuals. They are noted to occupy territory at WPC2.	Occupied territory at WPC2
Teal	T.	Amber	39	On the 2nd of April wigeon were noted on three occasions at dawn along BW-T1&2, in numbers from four to nine, including male and females.	Successfully breeding at swan lake

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 4th of July nine teal were noted here. Teal were noted at WPC2 on three occasions. On the 4th of April 12 teal were recorded to possibly occupy territory. On the 31st of May two teal were noted present on ponds, and on the 6ht of July one was noted to be present. Three teal were recorded at WPC5 calling and flying, with territory noted to be occupied.	
Tufted Duck	TU	Amber	1	On the 4th of July one tufted duck was noted along BW-T1&2	Non-breeding
Wigeon	WN	Amber	14	On the 4th of April, 14 wigeon were recorded at WPC2.	Not Confirmed
Other Target Species					
Buzzard	BZ	Green	1	On the 4th of July one Buzzard was noted along BW-T1&2	Non-breeding
Kestrel	K.	Red	2	On the 30th of May a kestrel was noted hunting at WPC7 On the 4th of July another kestrel was noted along BW-T1&2	Non-breeding
Long-eared Owl	LE	Green	5	Adult and juvenile noted drying, and two to three juveniles calling at WPC2	Successful Breeding

4.5.4 Summer 2024

Table 4-14: Summary of breeding wader surveys 2024, including wader and waterbirds

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Curlew	CU	Red	53	On the 1st of June one curlew was heard calling from south lake. On the 9th of May one curlew was heard calling twice, territory noted to be occupied. On the 2nd of June one adult was heard singing at Derryhogan lakes. Curlew were noted on eight occasions at WPC2 between April and July. On the 18th of April one individual was head singing. On the 19th of June one individual was heard calling, a further two were heard singing, and confirmed breeding. Two more recordings of calling and singing were noted. On the 7th of July, seven were noted flying and calling, and noted as post breeders. A further 24 were recorded flying and calling which bred elsewhere and on migration.	Confirmed breeding pair at WPC2.
Lapwing	L.	Red	16	Lapwing were noted on five occasions. On the 18th of April two adults were recorded pair bonding, territory occupied at WPC2. Six more lapwing were noted here displaying and calling.	Occupied territory at WPC2 and WPC1

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 9th of May three were confirmed engaging in displaying behaviour at WPC1. On the 2nd of June a pair was noted occupying territory, and another individual were noted alarm calling. On the 19th of June two pair were noted alarm calling with three juveniles on nest, and approximately 8 active nests visible	
Snipe	SN	Red	78	Snipe were noted on 46 occasions throughout the season. On the 17th of April, five sniper were flushed and heard chirping along swan lake, BW-T1&2. On the e1st of June two sniper were heard chipping and drumming, along cutover bog at north and south lakes. On the 19th of April, fic sniper were heard drumming and calling along BW-T3 during dusk survey. On the 9th of May, six snipe were heard chipping and drumming, with territory noted to be occupied along BW-T4. On the 13th of July, two adults were noted chipping, and territory was noted to be occupied.	Occupied territory at north south and swan lakes, along BW-T3, BW-T4, WPC1, WPC2, WPC7 Confirmed breeding at WPC9.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 9th of May three sniper were noted chipping and drumming, with territory occupied, at WPC1. On the 2nd of June six snipe were noted chipping, and territory noted to be occupied at WPC1. On the 19th of June, two snipe noted chipping, territory confirmed at WPC2. On the 7th of July, two snipe were noted chipping, territory occupied at WPC2. On the 17th of April, two snipe were heard calling at WPC6. On the 1st of June snipe were noted on four occasions at WPC7. Six sniper were noted chipping and drumming, with territory noted to be occupied. On the 18th of June, snipe were noted on nine occasions. 14 snipe were noted drumming and chipping and territory noted to be occupied, and breeding confirmed.	
Woodcock	WC	Amber	7	On the 17th of April one adult was recorded roding at WPC6. One to four woodcock were recorded roding at dusk along BW-T3.	Occupied territory at WPC6 and along BW-T3

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Black-headed Gull	BH	Amber	404	On the 17th of April four individuals flew over south lake along BW-T1&2. On the 1st of June two black-headed gull, and another individual flew over south lake. On the 13th of July, one gull flew over BW-T4. On the 9th of May, 46 gulls were at colony at WPC1. On the 2nd of June, 76 gulls were present, with 14 confirmed active nests. On the 18th of April, three gulls were flying and landing at WPC2. On the 19th of June, 125 gulls including three juveniles were present. On the 7th of July 145 gulls, including 28 juveniles were present at colony near VP4. On the 1st of June one gull few by WPC7.	
Grey Heron	H.	Green	10	Grey Heron were noted on seven occasions. On the 1st of June one grey heron was recorded at north lake and two at southern lake, along BW-T1&2. On the 19th of April, one grey heron was noted flying north from BW-T3, and one was recorded on the 13th of July along BW-T4. On the 9th of May and adult and juvenile were seen feeding and flying at WPC1. On the 1st of June one was heard calling at WPC7. On the 7th of July two individuals were recorded at WPC2, with one noted going to roost.	Occupied territory at WPC2

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
Greylag Goose	GJ	Amber	4	On the 18th of April a pair of greylag goose were recorded calling at WPC2. On the 9th of May a pair of greylag goose were recorded t WPC1.	Occupied territory at WPC1 and WPC2
Lesser Black-backed gull	LB	Amber	1	On the 7th of July one individual was recorded at WPC2	Non-breeding
Little Egret	ET	Green	2	On the 17th of April, one individual was noted at the southern lake at BW-T1&2. On the 7th of July one individual was noted at WPC2.	Not confirmed
Little Grebe	LG	Green	20	Little grebe were noted on eight occasions. On the 17th of April, three were noted in the northern lake. Five were noted on the southern lakes. Territory occupied on both southern and northern lakes. On the 1st of June two individuals were noted and another individual along BW-T1&2. On the 9th of May, four little grebe were noted at WPC1. On the 18th of April, one individual was noted to occupy territory at WPC2. Three more were noted here on the 7th of July. One little grebe was recorded calling and occupying territory at WPC7.	Occupied territory in southern and northern lakes, and WPC7
Mallard	MA	Amber	54	Mallard were noted on 11 occasions. On the 17th of April, five mallard including three male and two female were noted at northern lakes, and another individual was noted on the southern lakes. On the 1st of June two were noted on the north lake,	Successful breeding at WPC1. Occupied territory at WPC2,5 and 7, and along BW-T172 in the northern lakes.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				and four more were noting along BW-T1&2. On the 9th of May, eight including juveniles were noted at WPC1. On the 2nd of June a male and female were noted circling. On the 18th of April 11 were noted in all ponds at WPC2. 16 were noted at WPC2 on the 7th of July. On the 19th of April, a pair were noted at WPC5. On the 17th of April a pair were seen flying low together at WPC6. On the 1st of Jube two were noted at WPC7.	
Moorhen	MH	Green	11	Moorhen were noted on six occasions. On the 17th of April two moorhen were noted occupying territory on the northern lakes, and two were noted occupying territory on the southern lakes. On the 1st of June one was noted on the north lakes, and one with two juveniles were noted along BW-T1&2. On the 9th of May, one moorhen was noted at WPC1. On the 7th of July two moorhen were noted at WPC2.	Successful Breeding at BW-T1&2
Teal	T.	Amber	33	Teal were noted on 11 occasions. On the 17th of April six teal were noted on the northern lakes and swan lakes, with territory occupied. On the 1st of June two pairs were noted to occupy territory along the south lake, a further two pairs were noted along BW-T1&2.	Occupied territory at north, swan and southern lakes, WPC1,2 and 7.

Species	BTO codes	BoCCI status	Number of Individuals	Sightings and Locations	Breeding status
				On the 9th of May a pair of teal were noted on the channel close to WPC1. Seven teal including a pair and male were noted on wigeon lake at Derryhogan lakes. On the 18th of April seven teal were noted in upper pond at WPC2. On the 7th of July one teal was heard calling. On the 1st of June two teal were noted calling at WPC7.	
Water Rail	TU	Green	1	On the 1st of June one water rail was heard calling, and territory was noted to be occupied at lake at WPC7	Occupied territory at WPC7
Other Target Species/Rare sightings					
Crane	??	Green	1	On the 7th of July one crane was recorded feeding and flying at WPC2, flying NE	Non-breeding
Kestrel	K.	Red	2	On the 2nd of June one individual was noted hunting at WPC1. ON the 7th of July one juvenile was noted potentially from nest at VP4	Occupied territory at WPC1
Long-eared Owl	green	No	3	On the 2nd of June an adult and two juveniles were noted perched and calling at WPC1	Successful Breeding

4.6 Hen Harrier Roost Watches

Hen harrier roost watches were carried out over four winter seasons. Appendix XII lists the species, winter season and the number of birds recorded. Hen harrier were recorded on 30 occasions. 29 other bird species were recorded during the hen harrier surveys. Table 4-16 lists the hen harrier recordings and their location within the 500m turbine buffer.

During winter 2021-2022 roost searches, hen harriers were recorded on three occasions: during winter 2022-2023, 19 times, winter 2023-2024, four times and in winter 2024-2025, three times and seen engaging in a number of activities such as hunting, flying, being flushed, mobbed by other bird species and flying over suitable roost habitat. (see Table 4-16).

On the 21st of February 2022 hen harrier were recorded on three occasions. A ringtail was seen going to roost. On the 2nd of March 2023, a ringtail was recorded flying over roost site at 0-20m height band, before being mobbed by crows and a third recording of chipping then drumming heard coming from behind the roost site. On the 24th of January 2023, a ringtail was seen heading to roost. On the 5th of February 2025, one hen harrier was seen heading straight to historic roost area. See table 4-6 for all hen harrier records.

Table 4-15: Hen harrier observation during roost watches over 4 - non-breeding season.

Flight ID	New no.	Date	Time	No. of birds	Sex	Activity
203	1	23/11/21	15:59	1	Ringtail	Flying in 0-20 height band for 27 seconds before going to ground, 7.4 km to the north of the proposed development in hinterland site
NA	2	21/02/22	17:15	1	Ringtail	Dropping in flight over suitable roost habitat, not seen going to ground
NA	3	21/02/22	17:51	1	Ringtail	Going to ground/roost
29	4	16/11/22	14:23	1	Ringtail	Hunting in 0-20m height band for 62 seconds, 2.3km north of the proposed development, outside 2km
39	5	06/12/22	14:57	1	Ringtail	Seen at 0-20m height band for 5 seconds
41	6	22/12/22	15:20	1	Ringtail	Hunting at 0-20m height band for 54 seconds
43	7	22/12/22	15:53	1	Ringtail	Hunting at 0-20m height band for 36 seconds
44	8	22/12/22	16:16	1	Ringtail	Hunting at 0-20m height band for 43 seconds
46	9	22/12/22	16:24	1	Ringtail	Seen at 20-50m height band for 105 seconds
47	10	22/12/22	15:21	1	Ringtail	Flushed and seen at 0-20m height band going SW for 45 seconds
48	11	22/12/22	15:54	1	Ringtail	Hunting at 0-20m height band SW lakeside
60	12	24/01/23	17:12	1	Ringtail	Seen at 0-20m height band going to roost
61	13	24/01/23	17:11	1	Ringtail	Seen at 20-50m height band for 35 seconds

Flight ID	New no.	Date	Time	No. of birds	Sex	Activity
62	14	09/01/23	15:21	1	Ringtail	Seen at 0-20m height band for 85 seconds before rising to 20-50m height band for 20 seconds
64	15	06/02/23	17:35	1	Ringtail	Seen at 0-20m height band for 45 seconds
207	16	05/02/23	16:31	1	Ringtail	Flying very low at 0-20m height between WN7 for 6 seconds
65	17	20/02/23	17:13	1	-	Individual seen 0-20m height band for 28 seconds
76	18	20/02/23	17:11	1	-	Individual seen at 0-20m height band for 164 seconds
87	19	02/03/23	17:35	1	-	Individual seen at 0-20m height band for 25 seconds
93	20	02/03/23	17:13	1	Ringtail	Mobbed by crows, flies over roost site at 0-20m for 34 seconds and 20-50m height band for 8 seconds
94	21	02/03/23	17:30	1	Ringtail	Chipping then drumming right behind roost, seen at 0-20m height band for 82 seconds and 20-50m height band for 42 seconds
95	22	02/03/23	17:38	1	Ringtail	Roding for 8 seconds, heard only
105	23	16/10/23	16:39	1	Ringtail	Seen at 0-20m height band for 23 seconds
112	24	26/10/23	17:24	1	Ringtail	Seen at 0-20m height band for 47 seconds
114	25	16/10/23	16:38	1	Ringtail	Individual mobbed by a buzzard, seen at 0-20m height band for 30 seconds and 20-50m height band for 15 seconds
122	26	26/10/23	17:23	1	Juvenile	Seen at 0-20m height band for 42 seconds
HV27	27	15/12/2024	08:20	1	Juvenile Male	Seen at 0-20m height band for 306 seconds, and 20-50m height band for 30 seconds
7441	28	15/12/2024, 14:56	14.13	1	Ringtail	Hunting at 0-20m height band for 54 seconds
7472	29	15/12/2024, 13:58	14.14	1	Juvenile	Seen at 0-20m height band for 43 seconds. One strike on avian prey, and went to ground
7682	30	05/02/2025, 17:24	17.21	1		Seen at 0-20m height band for 47 seconds heading straight to 'historic HH roost' area

4.7 Merlin Surveys

The results of breeding Merlin/Raptor surveys are shown in Appendix XIII.

Signs of Merlin and other raptors were found during the Merlin surveys in the summer 2021 season. Suitable perches and/or hummocks were found along all transects walked for Merlin surveys, though MLTR3 and MLTR5 only had a few suitable perches/ hummocks. Pellets, either from raptors or corvids were found along MLTR1,2,3 and 4. Along MLTR5 a plucking post was found with many feathers of a small passerine.

4.8 Kingfisher Surveys

Kingfisher surveys were carried out over a four-year period from 2021 to 2024 (see figure 3-8) and focused on suitable watercourses where potential impacts from the development design could occur, extending 500m upstream and 500 downstream along affected watercourses. Results of the Kingfisher survey and other bird species recorded are shown in Appendix XIV.

Suitable Kingfisher habitat was found during Kingfisher surveys in the summer seasons of 2021-2024. Kingfisher were recorded on six occasions. Kingfisher nests were noted along two watercourses. These nests located at kingfisher points of interest (PoI) - KF29 and KF31&31A. However, the kingfisher nest recorded in 2021 and 2022 located at KF31&31A in 2021/2022, in 2023 no kingfisher activity was recorded and by 2024, the nest was no longer present as the drains steeps side had fallen in slightly. The kingfisher nest recorded in 2021 at KF29 was noted to be occupied by pied wagtail in 2022, and no kingfisher activity was recorded in 2023 and 2024. See figure 3-8 for all kingfisher points of interest recorded.

Table 4-16: Records of Kingfisher sightings and nests during 2021-2024 surveys

POI	Date	River/Stream	Kingfisher Sightings & Nests
KF29	3/4/2021, 15/06/21, 18/06/21, 02/04/2022	Black River	On the 3rd of April 2021, one Kingfisher passed the surveyor twice, and the habitat was very wooded downstream from observation point with open steep sided banks upstream of observation point KF29. On the 15th of June 2021, a nest hole was identified at KF29, though no Kingfisher were seen on this occasion, the nest hole is known to be active. On the 18th of June 2021, adult pied wagtail were at kingfisher nest hole, kingfisher had vacated or fledged and pied wagtail taken over nest. On the 2nd of April 2022, Pied wagtail were nesting in kingfisher nest from 2021. No kingfisher recorded in 2023 and 2024.
KF16	2/4/2022	River Breagagh	On 2nd April 2022, one Kingfisher flew off downstream from low perch. No kingfisher recorded here in 2021,2023 and 2024. Suitable perches and banks for nests.
KF31&KF31A	13/05/2022, 5/7/2022	Drain from South Lake	On the 13th of May 2022 a KF adult first seen at 52.663995, -7.652594 during stake out at culvert to the south. A KF adult returns and catches fish and goes to nest at 52.663645,-7.652287 On 19th of June 2022, water has almost gone from drain, 2 adults and 2 juvenile pied wagtail appear to check out kingfisher nest during stake out.

POI	Date	River/Stream	Kingfisher Sightings & Nests
			On the 5th of July 2022, Previous kingfisher nest was no longer present, however kingfisher relocated 60 m north old nest site, with high activity along bank including parents bringing food to nest, with a possible third kingfisher seen, potentially from 1st brood but distant and could not be aged. In 2023, no kingfisher were recorded. In 2024, Previous kingfisher nest has fallen away as steep sides pf drain had fallen in slightly. No kingfisher noted here during 2024 visit.
KF18-17	12/6/2022	River Drish	On the 12th of June 2022, one Kingfisher perched at culvert bridge of KF17, and flew downstream - popular root plate adjacent and possible nest hole
KF18	3/6/2024	River Drish	On the 3rd of June, one Kingfisher perched on suitable perch 100m downstream from KF18. A second individual joined perched bird from culvert bridge at KF18. Both male and female perch together interacting. Finally, the pair fly back over culvert bridge and upstream.

4.9 Barn Owl Surveys

Barn Owl (*Tyto alba*) surveys were carried out during the breeding season over a four-year period (2021-2024) within a 2 km buffer of the development site and included surveys on abandoned and semi-derelict farmhouses, stone barns, historic structures and other potentially suitable sites for barn owls. Sites were assessed for suitability, nesting opportunity and activity, and revisited where historic or current use was suspected. Surveys were carried out across the months of April-July inclusive.

In total 23 of 42 sites visited were deemed highly suitable for barn owl roost. See Figure 3-7 for all locations of barn owl points of interest. Site 20 was confirmed as active breeding site with juvenile calls and adults recorded from 2021-2023, no barn owl were recorded at site in 2024, but large amounts of whitewash were recorded at exits. Five visits to site 20 were carried out in 2024, to a previously known barn owl roost site. Over all five visits no barn owl recorded, barn owl appears to have abandoned this site or has died. Site 12A-3 had strong evidence of territorial occupancy and potential nesting. See table 4-9 for all barn owl sightings. The full results of the barn owl survey are shown in Appendix XV.

Table 4-17: Records of barn owl sightings and nests during 2021-2024 surveys

Site number	Date	Activity recorded
20	18/05/2021	Barn owl recorded on four occasions over survey. One Barn Owl observed flying repeatedly between a tree and a house and heard calling. The species was recorded on four occasions during the same survey period.
20	21/06/2022	Barn Owl chicks heard "snoring" from a nest within a farmhouse; activity continued until the end of the survey period. No adult birds were observed or heard attending the nest.
Site 12A-1	22/06/2022	Barn Owl evidence recorded in the form of pellets beneath a beech tree with a cavity. Pellets appeared old, with a small amount of whitewash present on the tree trunk.
20	29/05/2023	One Barn Owl heard calling on two occasions. This site previously supported fledglings in 2022 and is therefore confirmed as occupied.
20	05/07/2023	Barn Owl adult flies from field past house (nest site 2022) and towards tree adjacent a known perch roost location, territory occupied
12A-3 Suspected nesting site (tree)	19/06/2024	One Barn Owl observed flying directly to a tree and suspected nesting site while calling repeatedly. The territory was deemed occupied.
12A-3 Suspected nesting site (tree)	14/07/2024	Barn owl heard calling at 22:48pm
20	16/04/2024& 17/05/2024& 10/07/2024& 1707/2024& 31/07/2024	Five visits to site 20 in 2024, to a previously known barn owl roost site. Over all five visits no barn owl recorded, barn owl appears to have abandoned this site or has died.

4.10 Black-head gull colony surveys

Black-headed *Gull Larius* colony surveys were carried out during the breeding season over 4 years (2021-2024). Pre breeding season data from 2025 was also recorded, visiting a known colony site from previous years (colony 1), where black-headed gulls were noted to be visiting the site and pair bonding, prior to an establishment of a colony during 2025 breeding season.

Colony activity varied considerably across sites surveyed. Colony size estimates were calculated using median counts, and maximum counts included to illustrate peak observed activity. Survey work was completed at the end of March 2025; therefore all 2025 observations represent pre-breeding behaviour only.

Over the four seasons of survey, 7 black-headed gull breeding colonies were recorded (see figure 3-10).

Colony one supported the largest breeding assemblages recorded on site with median of 158 birds recorded during 2021 surveys. The median for this colony dropped to 5 in 2022, and no colony results were noted in 2023. A small colony reestablished in 2024 with median of 3 birds. Early-season observations showed notable pre-breeding activity (median 18, max 24), including pair interactions and repeated visits to the traditional breeding platform.

Colony two supported a small colony in 2021 with median of 2 birds, this colony site was not present in 2022-2024.

Colony three was the second largest breeding colony found on site. A large colony was recorded in 2021, with a median of 105 birds This colony declined to a median of 8 birds during the 2022 survey season. The colony was not present in 2023-2025.

Colony four was first recorded to be present in 2024. A newly formed colony was detected with a median of 12 bird, and maximum count of 25 birds using this area at any one time.

Colony five was first recorded in 2024, appeared to be opportunistic colony with median of 1 bird and maximum count of 21 birds using site at any one time.

Colony six was the colony established consistently over the four years of survey (2021-2024). With medians of 11, 15, 16 and 12 between 2021 and 2024.

Colony seven had a median of 5 in 2021, 0 in 2022 - 2024. It noted inconsistent use of this site with no confirmed breeding after 2021.

Table 4-18: Black-headed gull colony size estimates calculated using median, and maximum counts

colony	2021		2022		2023		2024		2025	
	median	max count	median	max count	median	max count	median	max count	median	max count
1	158	228	5	13	-	-	3	20	18	24
2	2	4	-	-	-	-	-	-	-	-
3	105	289	8	67	-	-	-	-	-	-
4	-	-	-	-	12	25	-	-	-	-
5	-		-		-		1	21	-	-
6	11	14	15	42	16	19	12	44	-	-
7	5	207	0	-	-	-	0	29	1	21

4.11 WS Surveys

Whooper Swan is listed on Annex I of the EU Birds Directive. A total of 12 roosting sites were recorded (encompassing potential and confirmed sites) within the lakes and ponds throughout the site. Observations of whooper swan include sightings of individuals leaving roost sites, dusk watch observations, and multiple sites where signs of Whooper Swan i.e. preened feathers were noted. Numbers of birds observed varied from three to 30 individuals at roost sites. Five roosting sites were confirmed based on observations of swans leaving or arriving at roosts, with two of these located inside the 500m turbine buffer, within a dystrophic lake west of T04 and an acid oligotrophic lake north of T03. The primary roost site (Locations 1 and 2 on Figure 3.11/Appendix 7.1) is located to the north of the proposed turbines.

The local wintering population is estimated to be 138 birds at minimum, based on the largest flock size observed feeding in agricultural fields to the west of the site. Overall, the whooper swan records indicate that this species is utilising the site primarily for roosting, and there was no evidence to suggest that the site supported transient activity during the survey period.

4.12 Hinterland Survey

Hinterland surveys to establish breeding occupancy and to census wetland sites within a 15km radius of the site were carried out between winter 2020 and winter 2025 inclusive.

The survey schedule and locations of the hinterland watches are detailed in Appendix 7. Hinterland survey locations are presented in Figure 3.9 of this report.

During hinterland surveys, a total of 54 species were observed. Eight Annex I species were recorded during hinterland surveys: Whooper Swan, Golden Plover, Little Egret, Merlin, Peregrine, Hen Harrier, Kingfisher, Bar-tailed Godwit, and Marsh Harrier.

Sixteen red-listed species were observed: Bar-tailed Godwit, Black-tailed Godwit, Curlew, Dunlin, Eider, Golden Plover, Goldeneye, Kestrel, Lapwing, Meadow Pipit, Redshank, Shoveler, Snipe, Stock Dove, White-tailed Eagle, and Woodcock

A total of twenty-four amber-listed species were observed: Black-headed Gull, Common Sandpiper, Coot, Cormorant, Gadwall, Great Crested Grebe, Greylag Goose, Hen Harrier, Herring Gull, Kingfisher, Lesser Black-backed Gull, Mallard, Marsh Harrier, Mediterranean Gull, Merlin, Mute Swan, Pintail, Ringed Plover, Sand Martin, Skylark, Teal, Tufted Duck, Wigeon, Whooper Swan.

The remaining species were green-listed.

Patterns of occurrence recorded during the hinterland surveys reflect the typical ecological behaviour of each species, with detections concentrated in the habitat types and seasons in which the species is ordinarily expected. Records at the relevant VP locations correspond to the species' known foraging, roosting or passage behaviour, and no atypical patterns or unusual levels of activity were observed. These patterns align with established ecological understanding and indicate normal utilisation of the wider landscape by the species recorded.

The general habitat type at each hinterland VP location is as follows:

Bog habitat: 1, 2, 3, 4, 12, 13, 14, 16,19, 23, 27, 28, 31, 44, 45, 46, 47, 48, 49, and 50
Quarry – 20, 35, 37, 38, and 39
Forestry habitat - 26, 33 and 41
Wetland / watercourse habitat – 5, 6 (also an IWeBS site: River Suir Upper), 7, 8, 9 (also IWeBS site: Cabragh Wetlands), 15, 18, 21, 30, 31, 34, 36. 43 and 40
Agricultural grassland – 10, 11, 17, 22, 24, 25, 29 and 42

Species of conservation concern that are known to be potentially vulnerable to wind farm developments are discussed in more detail in this section. Species have been selected for detailed discussion based on conservation status, vulnerability to wind farm developments and where species were recorded on or near the proposed wind farm site, which will indicate potential links between species recorded at the proposed site and in the surrounding environment.

4.12.1 Bar-tailed Godwit

Bar-tailed Godwit was recorded across multiple years, reflecting typical ecological behaviour. During winter, it showed occasional presence (1 records; 14 individuals), recorded at VP site 17.

4.12.2 Black-headed Gull

Black-headed Gull records mainly winter in nature, with only scattered low-count summer detections. Winter counts varied from small groups to over 120 individuals. Records pertained to hinterland sites 8, 9, 10 11, 22, 27 and 28, i.e. at Bawnmore bog and associated with the River Suir.

4.12.3 Lesser Black-backed Gull

Lesser Black-backed Gull were recorded across all years in both winter and summer (343 records), with greater numbers in the winter (peat of 225), and were recorded at the majority of the hinterland sites.

4.12.4 Golden Plover

2020: Golden Plover was recorded across multiple years during winter (including migrating periods) and is prevalent in the landscape, with presence commonly recorded at VP sites 6, 7, 8, 10, 13, 17, 27, 28, 44, 47, 48, 49, 50 with flock numbers ranging from 9 birds to 470 birds. The larger flock numbers were associated with hinterland sites 48 and 49.

4.12.5 Greylag Goose

Greylag Goose was recorded in low numbers during the winter across all years at VP sites 8, 11 and 27, but most commonly at site 8 (Cabragh Marsh), which was noted to host the higher numbers (c. 15 birds on average). Individual birds were also observed flying over within the wider landscape during spring passage at sites 10, 11 and 28. This type of activity is reflected also in the records for the wind farm Site with between 1-3 birds observed flying over the site very occasionally over the multiple years of survey during Spring passage.

4.12.6 Mute Swan

Mute Swan was recorded across multiple years. Reflection typical ecological behaviour, it was mainly observed in autumn migration and winter periods with records at hinterlands sites 5, 6, 7, 8, 9, 10, 18, 44, 48, 49, 50 in low numbers (1-12 individuals). The majority of records are for hinterland sites 49 and 50, with observations of bird stop-overs during migratory movements.

4.12.7 Whooper Swan

Whooper Swan was recorded in winter only (including autumn and spring migration periods) across all years at sites 7, 11, 17, 44, 47, 48, 49, 50, with site 11 (west of Longfordpass south lakes) hosting the larger flock numbers of between 50 and 150 birds. There is evident connectivity between the agricultural fields at site 11 and the ponds at Longfordpass south lakes within the wind farm Site.

4.12.8 Hen Harrier

The majority of Hen Harrier observations made were during the winter months (and some in August). All records were of individual birds and there were 62 records in total over the 2020-2025 survey period. Observations were of juvenile or ringtail birds, with some observations believed to be first winter male (immature male bird). They were typically seen hunting or being mobbed by crows over the bogs Longford Pass (site 45), Bawnmore (sites 48, 49 and 50) and Ballybeg (site 44).

4.12.9 Kestrel

Kestrel was recorded across multiple years in both winter and summer periods with sites 44, 47, 48, 49, 50 being the location of most prevalence. Winter and summer records were generally of individual birds, with some evidence of breeding locally (carrying prey) but no confirmed nest location within the hinterland sites.

4.12.10 Buzzard

Buzzard was recorded across all years and showed consistent presence across all sites, during all seasons reflecting typical ecological behaviour. Buzzard was recorded on 321 occasions, with records pertaining to between 1 and 5 birds.

4.12.11 Marsh Harrier

Individual Marsh Harrier birds were recorded in 2021, 2022 and 2023 at sites 48, 49, 50.

4.12.12 Merlin

Merlin was mainly recorded at sites 48 and 49 and observed to be hunting on most occasions. On all occasions individual birds were observed and were noted to be immature birds.

4.12.13 Sparrowhawk

Sparrowhawk was recorded across multiple years and all year round at sites 44, 47, 48, 49, 50, though to be from the nest c. 1500m to south-east in forestry by VP13 at the Site.

4.12.14 Peregrine

Buzzard was recorded across all years and showed consistent presence across sites 1, 20, 24, 26, 32, 34, 35, 37, 38, 44, 47, 48, 50 during all seasons reflecting typical ecological behaviour, with only 1-2 individuals observed on any occasion.

4.12.15 Lapwing

Lapwing was recorded wintering in hinterland sites 7, 8, 10, 17, 18, 22, 27, 28, 44, 47, 49, 50, with numbers recorded at any one observation ranging from 1 bird to 490 birds in the winter period, mainly at site 6, 7, 8, 10 and 17, i.e. associated with wetland sites and associated surrounding agricultural grasslands. During summer, numbers were lower (<10) and spread across many of eh hinterland sites.

4.12.16 Curlew

Curlew was recorded across multiple years. During winter, it showed occasional presence (2 – 12 records; 32 - 69 individuals), recorded at VP sites 8, 17, 22, 25 and 48, with sites 8 (Cabragh Marshes), 17 and 22 hosting the larger numbers with agricultural and grassland habitat associations.

During summer, it showed consistent presence across all years generally in low numbers (1-3 individuals) at VP site 48 and 49 (i.e. at Bawnmore bog), with a peak numbers ranging from 18 to 37 individuals which were post breeding flocks, showing visible autumn migration activity (congregating, preening and loafing). From observations made on Bawnmore bog no breeding was confirmed.

4.12.17 Gadwall

Gadwall was recorded in winter 2020-2024 at site 9 (Cabragh Wetlands).

4.12.18 Little Egret

Little Egret was recorded across multiple years in low numbers (1-8 birds) during winter and summer at sites 5, 6, 8, 22, 24, 28, 47, 49, 50

4.12.19 Mallard

Mallard was recorded across multiple years at almost all hinterland sites, with numbers ranging from 2 birds to 123 birds. Higher numbers were associated with hinterland site 9 (Cabragh Marshes).

4.12.20 Snipe

Snipe was recorded across all years with highest numbers recorded in the winter (between 6 and 20 birds), mainly at site 44 (Ballybeg).

4.12.21 Teal

Teal was recorded across multiple years, reflecting typical ecological behaviour. During winter, it was recorded at sites 2, 8, 9, 10, 13, 17, 18, 49, 50, with highest numbers occurring at site 8 (c. 300 birds). During summer it was mainly recorded in low numbers at sites 9, 10, 17, 22.

Table 4-19: Summary Table of Species, Annex I Status and BoCCI Rating

Species	Annex I	BoCCI
Arctic Tern	Yes	Amber
Bar-tailed Godwit	Yes	Red
Black-headed Gull	No	Amber
Black-tailed Godwit	No	Red
Buzzard	No	Green
Chiffchaff	No	Green
Common Redpoll	No	Green
Common Sandpiper	No	Amber
Coot	No	Amber
Cormorant	No	Amber
Curlew	No	Red
Dunlin	No	Red
Eider	No	Red
Fieldfare	No	Green
Gadwall	No	Amber
Garganey	No	Amber
Golden Plover	Yes	Red
Goldeneye	No	Red
Great Black-backed Gull	No	Green
Great Crested Grebe	No	Amber

Species	Annex I	BoCCI
Great Spotted Woodpecker	No	Green
Green Sandpiper	No	Green
Green-winged Teal	No	Green
Greenshank	No	Green
Grey Heron	No	Green
Greylag Goose	No	Amber
Hen Harrier	Yes	Amber
Herring Gull	No	Amber
Hooded Crow	No	Green
Jackdaw	No	Green
Kestrel	No	Red
Kingfisher	Yes	Amber
Lapwing	No	Red
Lesser Black-backed Gull	No	Amber
Little Egret	Yes	Green
Little Grebe	No	Green
Mallard	No	Amber
Marsh Harrier	Yes	Amber
Meadow Pipit	No	Red
Mediterranean Gull	Yes	Amber
Merlin	Yes	Amber
Moorhen	No	Green
Mute Swan	No	Amber
Peregrine	Yes	Green
Pink-footed Goose	No	Green
Pintail	No	Amber

Species	Annex I	BoCCI
Raven	No	Green
Redshank	No	Red
Redstart	No	Red
Redwing	No	Red
Reed Bunting	No	Green
Ringed Plover	No	Amber
Rook	No	Green
Sand Martin	No	Amber
Shoveler	No	Red
Skylark	No	Amber
Snipe	No	Red
Sparrowhawk	No	Green
Starling	No	Amber
Stock Dove	No	Red
Swallow	No	Amber
Swift	No	Red
Teal	No	Amber
Tufted Duck	No	Amber
Wheatear	No	Amber
Whimbrel	No	Green
White-tailed Eagle	Yes	Red
Whooper Swan	Yes	Amber
Wigeon	No	Amber
Woodcock	No	Red
Woodpigeon	No	Green

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APPENDIX 1

NBDC Search

Appendix I: National Biodiversity Data Centre (NBDC) records

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
Barn Owl (*Tyto alba*)	06/02/2018	Birds of Ireland	Red	No
Black Redstart (*Phoenicurus ochruros*)	29/02/1984	The First Atlas of Wintering Birds in Britain and Ireland: 1981/82-1983/84.	Green	No
Blackbird (*Turdus merula*)	18/06/2024	eBIRD Bird Records for Ireland	Green	No
Blackcap (*Sylvia atricapilla*)	04/07/2022	eBIRD Bird Records for Ireland	Green	No
Black-headed Gull (*Chroicocephalus ridibundus*)	02/04/2023	eBIRD Bird Records for Ireland	Amber	No
Blue Tit (*Cyanistes caeruleus*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Bullfinch (*Pyrrhula pyrrhula*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Buzzard (*Buteo buteo*)	07/06/2024	eBIRD Bird Records for Ireland	Green	No
Chaffinch (*Fringilla coelebs*)	18/03/2024	eBIRD Bird Records for Ireland	Green	No
Chiffchaff (*Phylloscopus collybita*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Coal Tit (*Periparus ater*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Collared Dove (*Streptopelia decaocto*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Common Sandpiper (*Actitis hypoleucos*)	31/07/1972	The First Atlas of Breeding Birds in Britain and Ireland: 1968-1972.	Amber	No
Coot (*Fulica atra*)	31/07/1991	The Second Atlas of Breeding Birds in Britain and Ireland: 1988-1991	Amber	No
Cormorant (*Phalacrocorax carbo*)	08/07/1999	eBIRD Bird Records for Ireland	Amber	No

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
Cuckoo (*Cuculus canorus*)	23/04/2023	eBIRD Bird Records for Ireland	Green	No
Curlew (*Numenius arquata*)	02/05/2019	Birds of Ireland	Red	No
Dipper (*Cinclus cinclus*)	31/07/1972	The First Atlas of Breeding Birds in Britain and Ireland: 1968-1972.	Green	No
Dunnock (*Prunella modularis*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Fieldfare (*Turdus pilaris*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Goldcrest (*Regulus regulus*)	04/07/2022	eBIRD Bird Records for Ireland	Amber	No
Golden Plover (*Pluvialis apricaria*)	29/02/1984	The First Atlas of Wintering Birds in Britain and Ireland: 1981/82-1983/84.	Red	Yes
Goldfinch (*Carduelis carduelis*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Grasshopper Warbler (*Locustella naevia*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Great Tit (*Parus major*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Greenfinch (*Chloris chloris*)	31/12/2011	Bird Atlas 2007 - 2011	Amber	No
Grey Heron (*Ardea cinerea*)	20/09/2021	eBIRD Bird Records for Ireland	Green	No
Grey Partridge (*Perdix perdix*)	31/07/1972	The First Atlas of Breeding Birds in Britain and Ireland: 1968-1972.	Red	No
Grey Wagtail (*Motacilla cinerea*)	31/12/2011	Bird Atlas 2007 - 2011	Red	No
Hen Harrier (*Circus cyaneus*)	07/06/2024	eBIRD Bird Records for Ireland	Amber	Yes
Herring Gull (*Larus argentatus*)	18/06/2024	eBIRD Bird Records for Ireland	Amber	No
Hooded Crow (*Corvus cornix*)	18/06/2024	eBIRD Bird Records for Ireland	Green	No

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
House Martin (*Delichon urbicum*)	21/08/2022	eBIRD Bird Records for Ireland	Amber	No
House Sparrow (*Passer domesticus*)	21/08/2022	eBIRD Bird Records for Ireland	Amber	No
Jackdaw (*Coloeus monedula*)	18/06/2024	eBIRD Bird Records for Ireland	Green	No
Jay (Garrulus *glandarius*)	09/05/2019	Birds of Ireland	Green	No
Kestrel (Falco tinnunculus)	20/10/2022	eBIRD Bird Records for Ireland	Red	No
Kingfisher (*Alcedo atthis*)	31/12/2011	Bird Atlas 2007 - 2011	Amber	Yes
Lapwing (*Vanellus vanellus*)	29/03/2019	Birds of Ireland	Red	No
Lesser Redpoll (*Acanthis cabaret*)	29/05/2021	Birds of Ireland	Green	No
Linnet (*Linaria cannabina*)	31/12/2011	Bird Atlas 2007 - 2011	Amber	No
Little Egret (*Egretta garzetta*)	16/03/2023	eBIRD Bird Records for Ireland	Green	Yes
Little Grebe (*Tachybaptus ruficollis*)	02/09/2016	Birds of Ireland	Green	No
Long-eared Owl (*Asio otus*)	31/07/1991	The Second Atlas of Breeding Birds in Britain and Ireland: 1988-1991	Green	No
Long-tailed Tit (*Aegithalos caudatus*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Magpie (*Pica pica*)	18/06/2024	eBIRD Bird Records for Ireland	Green	No
Mallard (*Anas platyrhynchos*)	18/03/2024	eBIRD Bird Records for Ireland	Amber	No
Meadow Pipit (*Anthus pratensis*)	25/03/2020	eBIRD Bird Records for Ireland	Red	No
Merlin (*Falco columbarius*)	25/03/2020	eBIRD Bird Records for Ireland	Amber	Yes
Mistle Thrush (*Turdus viscivorus*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
Moorhen (*Gallinula chloropus*)	02/10/2022	eBIRD Bird Records for Ireland	Green	No
Mute Swan (*Cygnus olor*)	18/10/2021	eBIRD Bird Records for Ireland	Amber	No
Peregrine (*Falco peregrinus*)	31/12/2011	Bird Atlas 2007 - 2011	Green	Yes
Pheasant (*Phasianus colchicus*)	28/04/2023	eBIRD Bird Records for Ireland	Green	No
Pied Wagtail (*Motacilla alba*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Raven (*Corvus corax*)	03/08/2023	eBIRD Bird Records for Ireland	Green	No
Red Grouse (*Lagopus lagopus*)	31/07/1972	The First Atlas of Breeding Birds in Britain and Ireland: 1968-1972.	Red	No
Redwing (*Turdus iliacus*)	31/12/2011	Bird Atlas 2007 - 2011	Red	No
Reed Bunting (*Emberiza schoeniclus*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Robin (*Erithacus rubecula*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Rook (*Corvus frugilegus*)	18/06/2024	eBIRD Bird Records for Ireland	Green	No
Sand Martin (*Riparia riparia*)	31/07/1972	The First Atlas of Breeding Birds in Britain and Ireland: 1968-1972.	Amber	No
Sedge Warbler (*Acrocephalus schoenobaenus*)	31/12/2011	Bird Atlas 2007 - 2011	Green	No
Shoveler (*Spatula clypeata*)	29/03/2019	Birds of Ireland	Red	No
Siskin (*Spinus spinus*)	23/09/2022	eBIRD Bird Records for Ireland	Green	No
Skylark (*Alauda arvensis*)	31/12/2011	Bird Atlas 2007 - 2011	Amber	No
Snipe (*Gallinago gallinago*)	19/02/2022	eBIRD Bird Records for Ireland	Red	No

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
Song Thrush (*Turdus philomelos*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Sparrowhawk (*Accipiter nisus*)	21/08/2022	eBIRD Bird Records for Ireland	Green	No
Spotted Flycatcher (*Muscicapa striata*)	04/07/2022	eBIRD Bird Records for Ireland	Amber	No
Starling (*Sturnus vulgaris*)	21/08/2022	eBIRD Bird Records for Ireland	Amber	No
Stock Dove (*Columba oenas*)	31/12/2011	Bird Atlas 2007 - 2011	Red	No
Stonechat (*Saxicola rubicola*)	30/05/2016	Birds of Ireland	Green	No
Swallow (*Hirundo rustica*)	18/06/2024	eBIRD Bird Records for Ireland	Amber	No
Swift (*Apus apus*)	04/07/2022	eBIRD Bird Records for Ireland	Red	No
Teal (*Anas crecca*)	29/03/2019	Birds of Ireland	Amber	No
Tree Sparrow (*Passer montanus*)	31/12/2011	Bird Atlas 2007 - 2011	Amber	No
Treecreeper (*Certhia familiaris*)	04/07/2022	eBIRD Bird Records for Ireland	Green	No
Wheatear (*Oenanthe oenanthe*)	31/07/1991	The Second Atlas of Breeding Birds in Britain and Ireland: 1988-1991	Amber	No
Whinchat (*Saxicola rubetra*)	04/05/2016	Birds of Ireland	Red	No
Whitethroat (*Curruca communis*)	29/05/2021	Birds of Ireland	Green	No
Whooper Swan (*Cygnus cygnus*)	26/12/2024	Birds of Ireland	Amber	No
Wigeon (*Mareca penelope*)	13/02/2019	Birds of Ireland	Amber	No
Willow Warbler (*Phylloscopus trochilus*)	28/04/2023	eBIRD Bird Records for Ireland	Amber	No
Woodcock (*Scolopax rusticola*)	31/12/2011	Bird Atlas 2007 - 2011	Red	No

Species name	Date of last record	Title of dataset	BoCCI	AnnexI
Woodpigeon (*Columba palumbus*)	18/03/2024	eBIRD Bird Records for Ireland	Green	No
Wren (*Troglodytes troglodytes*)	28/04/2023	eBIRD Bird Records for Ireland	Green	No
Yellowhammer (*Emberiza citrinella*)	31/12/2011	Bird Atlas 2007 - 2011	Red	No

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APPENDIX 2

IWeBS Data

Appendix II: IWeBS data request for winter seasons

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Site: Cabragh Wetlands - 0J307													
2014/15	Mute Swan	*Cygnus olor*	100	90	100	5			5				2
2015/16	Mute Swan	*Cygnus olor*	100	90	100	4					4	2	2
2016/17	Mute Swan	*Cygnus olor*	100	90	100	5			5		2	2	
2017/18	Mute Swan	*Cygnus olor*	100	90	100	8		8			3	2	
2019/20	Mute Swan	*Cygnus olor*	100	90	100	3			3		2		2
2020/21	Mute Swan	*Cygnus olor*	100	90	100	4					2	2	4
2021/22	Mute Swan	*Cygnus olor*	100	90	100	2				2		2	2
2022/23	Mute Swan	*Cygnus olor*	100	90	100	2				1		2	1
2023/24	Mute Swan	*Cygnus olor*	100	90	100	9			9	2	2	7	
2024/25	Mute Swan	*Cygnus olor*	100	90	100	2			2	2	2		
2016/17	Whooper Swan	*Cygnus cygnus*	300	150	340	1		1					
2021/22	Whooper Swan	*Cygnus cygnus*	300	150	340	3						3	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Whooper Swan	*Cygnus cygnus*	300	150	340	4				4			
2023/24	Whooper Swan	*Cygnus cygnus*	300	150	340	3				3			3
2015/16	Greylag Goose (resident)	*Anser anser*	600	35	980	6							6
2019/20	Greylag Goose (resident)	*Anser anser*	600	35	980	20					20		
2020/21	Greylag Goose (resident)	*Anser anser*	600	35	980	9		9				1	
2021/22	Greylag Goose (resident)	*Anser anser*	600	35	980	20		20			15		
2023/24	Greylag Goose (resident)	*Anser anser*	600	35	980	36			32	36		20	11
2024/25	Greylag Goose (resident)	*Anser anser*	600	35	980	22			5	22			
2014/15	Wigeon	*Mareca penelope*	1100	560	14000	160		7	150		160		63
2015/16	Wigeon	*Mareca penelope*	1100	560	14000	260					260	200	15
2016/17	Wigeon	*Mareca penelope*	1100	560	14000	150		15	100	80	80	150	40

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2017/18	Wigeon	*Mareca penelope*	1100	560	14000	250				5	185	250	
2019/20	Wigeon	*Mareca penelope*	1100	560	14000	170			170		130		
2020/21	Wigeon	*Mareca penelope*	1100	560	14000	185	4	56	30		140	185	150
2021/22	Wigeon	*Mareca penelope*	1100	560	14000	410		6		230	214	410	90
2022/23	Wigeon	*Mareca penelope*	1100	560	14000	235				180	235	200	21
2023/24	Wigeon	*Mareca penelope*	1100	560	14000	230			110	142	230	200	130
2024/25	Wigeon	*Mareca penelope*	1100	560	14000	320			61	320	220		
2014/15	Gadwall	*Mareca strepera*	1200	20	1200	10					2		10
2015/16	Gadwall	*Mareca strepera*	1200	20	1200	4					2	2	4
2016/17	Gadwall	*Mareca strepera*	1200	20	1200	8				4	8	4	
2017/18	Gadwall	*Mareca strepera*	1200	20	1200	3				2	3	2	
2020/21	Gadwall	*Mareca strepera*	1200	20	1200	8			4			8	6
2021/22	Gadwall	*Mareca strepera*	1200	20	1200	4						4	3

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Gadwall	*Mareca strepera*	1200	20	1200	12				4	12		3
2023/24	Gadwall	*Mareca strepera*	1200	20	1200	2					2		
2014/15	Teal	*Anas crecca*	1300	360	5000	450	50	30	450		300		270
2015/16	Teal	*Anas crecca*	1300	360	5000	250	19	42			250	100	250
2016/17	Teal	*Anas crecca*	1300	360	5000	200	21	65	180	100	200	140	150
2017/18	Teal	*Anas crecca*	1300	360	5000	300		30	140	200	300	280	
2019/20	Teal	*Anas crecca*	1300	360	5000	150			70		150		10
2020/21	Teal	*Anas crecca*	1300	360	5000	280	40	200	20		220		280
2021/22	Teal	*Anas crecca*	1300	360	5000	306		4		200	250	306	225
2022/23	Teal	*Anas crecca*	1300	360	5000	323	26			206	323	220	15
2023/24	Teal	*Anas crecca*	1300	360	5000	325	30		303	325	300	294	200
2024/25	Teal	*Anas crecca*	1300	360	5000	50		10	32	50	42		
2014/15	Mallard	*Anas platyrhynchos*	1400	280	53000	90	90	27	65		45		39

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2015/16	Mallard	*Anas platyrhynchos*	1400	280	53000	40	40	20			10	30	17
2016/17	Mallard	*Anas platyrhynchos*	1400	280	53000	62	62	50	20	30	20	30	4
2017/18	Mallard	*Anas platyrhynchos*	1400	280	53000	46		10	46	22	30	27	
2019/20	Mallard	*Anas platyrhynchos*	1400	280	53000	5			5		2		
2020/21	Mallard	*Anas platyrhynchos*	1400	280	53000	45	42	19	22		45		28
2021/22	Mallard	*Anas platyrhynchos*	1400	280	53000	16		1			10		16
2022/23	Mallard	*Anas platyrhynchos*	1400	280	53000	30	12			20	30	17	6
2023/24	Mallard	*Anas platyrhynchos*	1400	280	53000	45	45			25	20	6	12
2024/25	Mallard	*Anas platyrhynchos*	1400	280	53000	45		45	25	20	30		
2014/15	Pintail	*Anas acuta*	1500	20	600	1			1				
2020/21	Pintail	*Anas acuta*	1500	20	600	8					8		
2022/23	Pintail	*Anas acuta*	1500	20	600	2					1		2
2023/24	Pintail	*Anas acuta*	1500	20	600	4			1	4	4		

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2014/15	Shoveler	*Spatula clypeata*	1600	20	650	7	2	2	7		6		4
2015/16	Shoveler	*Spatula clypeata*	1600	20	650	14		4			14	5	
2016/17	Shoveler	*Spatula clypeata*	1600	20	650	6		5	6	2	1	5	2
2017/18	Shoveler	*Spatula clypeata*	1600	20	650	20					20	4	
2020/21	Shoveler	*Spatula clypeata*	1600	20	650	8	5	3			8	5	1
2021/22	Shoveler	*Spatula clypeata*	1600	20	650	7		1		4	6	7	6
2022/23	Shoveler	*Spatula clypeata*	1600	20	650	16				8	6	16	5
2023/24	Shoveler	*Spatula clypeata*	1600	20	650	8			6	8	2	3	1
2024/25	Shoveler	*Spatula clypeata*	1600	20	650	14			14	10	14		
2020/21	Tufted Duck	*Aythya fuligula*	1800	270	8900	2						2	
2020/21	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1					1		
2021/22	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1		1					
2022/23	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1	1						1

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2023/24	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	8			8			2	
2024/25	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	2		1		1	2		
2016/17	Cormorant	*Phalacrocorax carbo*	3400	110	1200	1						1	
2019/20	Cormorant	*Phalacrocorax carbo*	3400	110	1200	1			1				
2020/21	Cormorant	*Phalacrocorax carbo*	3400	110	1200	2						2	
2023/24	Cormorant	*Phalacrocorax carbo*	3400	110	1200	2				2			
2024/25	Cormorant	*Phalacrocorax carbo*	3400	110	1200	2				1	2		
2014/15	Little Egret	*Egretta garzetta*	3600	20	1100	5	1	2					5
2015/16	Little Egret	*Egretta garzetta*	3600	20	1100	8	1					4	8
2016/17	Little Egret	*Egretta garzetta*	3600	20	1100	3			1		2		3
2017/18	Little Egret	*Egretta garzetta*	3600	20	1100	2				1		2	
2019/20	Little Egret	*Egretta garzetta*	3600	20	1100	2					2		
2020/21	Little Egret	*Egretta garzetta*	3600	20	1100	3	3				1		2

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2021/22	Little Egret	*Egretta garzetta*	3600	20	1100	2				1		1	2
2022/23	Little Egret	*Egretta garzetta*	3600	20	1100	5				2	1	5	
2023/24	Little Egret	*Egretta garzetta*	3600	20	1100	6	1		6	3	2	6	5
2024/25	Little Egret	*Egretta garzetta*	3600	20	1100	1			1	1	1		
2014/15	Grey Heron	*Ardea cinerea*	3700	25	5000	1		1	1				1
2015/16	Grey Heron	*Ardea cinerea*	3700	25	5000	1		1	1		1	1	1
2016/17	Grey Heron	*Ardea cinerea*	3700	25	5000	1					1	1	1
2017/18	Grey Heron	*Ardea cinerea*	3700	25	5000	2			1	2	1	1	
2019/20	Grey Heron	*Ardea cinerea*	3700	25	5000	2			1		2		1
2020/21	Grey Heron	*Ardea cinerea*	3700	25	5000	13		3	1		3	5	13
2021/22	Grey Heron	*Ardea cinerea*	3700	25	5000	3		3		1		1	1
2022/23	Grey Heron	*Ardea cinerea*	3700	25	5000	7	7			4	1	4	
2023/24	Grey Heron	*Ardea cinerea*	3700	25	5000	4	1		1	3	4	3	2

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2024/25	Grey Heron	*Ardea cinerea*	3700	25	5000	1		1	1	1	1		
2014/15	Water Rail	*Rallus aquaticus*	3800			4			4				4
2015/16	Water Rail	*Rallus aquaticus*	3800			2		2	2		2	1	1
2016/17	Water Rail	*Rallus aquaticus*	3800			2		2	1	1	1	2	2
2017/18	Water Rail	*Rallus aquaticus*	3800			2		2	1	1		2	
2019/20	Water Rail	*Rallus aquaticus*	3800			1							1
2020/21	Water Rail	*Rallus aquaticus*	3800			3	2	2	3		2	3	2
2021/22	Water Rail	*Rallus aquaticus*	3800			3		2				2	3
2022/23	Water Rail	*Rallus aquaticus*	3800			4	4			2	1	2	2
2023/24	Water Rail	*Rallus aquaticus*	3800			4			3	1		3	4
2024/25	Water Rail	*Rallus aquaticus*	3800			1		1	1				
2014/15	Moorhen	*Gallinula chloropus*	3900			1					1		1
2015/16	Moorhen	*Gallinula chloropus*	3900			2		2				1	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2016/17	Moorhen	*Gallinula chloropus*	3900			2	2	1			2		1
2020/21	Moorhen	*Gallinula chloropus*	3900			3	1					3	3
2022/23	Moorhen	*Gallinula chloropus*	3900			3	3			1			1
2023/24	Moorhen	*Gallinula chloropus*	3900			4	1		1			4	2
2020/21	Coot	*Fulica atra*	4000	190	15500	2						2	
2022/23	Coot	*Fulica atra*	4000	190	15500	1							1
2023/24	Coot	*Fulica atra*	4000	190	15500	6						5	6
2014/15	Golden Plover	*Pluvialis apricaria*	4300	920	9300	50			50		20		
2015/16	Golden Plover	*Pluvialis apricaria*	4300	920	9300	30		10			30		
2016/17	Golden Plover	*Pluvialis apricaria*	4300	920	9300	15						15	
2017/18	Golden Plover	*Pluvialis apricaria*	4300	920	9300	40			40				
2020/21	Golden Plover	*Pluvialis apricaria*	4300	920	9300	13		2				13	
2021/22	Golden Plover	*Pluvialis apricaria*	4300	920	9300	600						600	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Golden Plover	*Pluvialis apricaria*	4300	920	9300	2							2
2023/24	Golden Plover	*Pluvialis apricaria*	4300	920	9300	110				110		6	
2024/25	Golden Plover	*Pluvialis apricaria*	4300	920	9300	20			5	20	3		
2014/15	Lapwing	*Vanellus vanellus*	4500	850	72300	200			90		200		21
2015/16	Lapwing	*Vanellus vanellus*	4500	850	72300	320			320		270	200	40
2016/17	Lapwing	*Vanellus vanellus*	4500	850	72300	17			5			15	17
2017/18	Lapwing	*Vanellus vanellus*	4500	850	72300	200		80	40	20	150	200	
2019/20	Lapwing	*Vanellus vanellus*	4500	850	72300	400			68		400		1
2020/21	Lapwing	*Vanellus vanellus*	4500	850	72300	150		150	5		20		25
2021/22	Lapwing	*Vanellus vanellus*	4500	850	72300	800		61		800	12	506	25
2022/23	Lapwing	*Vanellus vanellus*	4500	850	72300	300				20	205	300	
2023/24	Lapwing	*Vanellus vanellus*	4500	850	72300	300	11		240	300	200	42	50
2024/25	Lapwing	*Vanellus vanellus*	4500	850	72300	400			200	300	400		

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2020/21	Curlew Sandpiper	*Calidris ferruginea*	4900			14	14						
2023/24	Dunlin	*Calidris alpina*	5100	460	13300	25						25	15
2024/25	Dunlin	*Calidris alpina*	5100	460	13300	1			1				
2024/25	Ruff	*Calidris pugnax*	5200			1				1	1		
2014/15	Snipe	*Gallinago gallinago*	5400			1			1				1
2015/16	Snipe	*Gallinago gallinago*	5400			25			25		7	9	1
2016/17	Snipe	*Gallinago gallinago*	5400			2		1				2	
2017/18	Snipe	*Gallinago gallinago*	5400			12				2	1	12	
2020/21	Snipe	*Gallinago gallinago*	5400			8		5	8		2		4
2021/22	Snipe	*Gallinago gallinago*	5400			3		2			2	3	3
2022/23	Snipe	*Gallinago gallinago*	5400			9				9	4		
2023/24	Snipe	*Gallinago gallinago*	5400			11			11	10	1	2	3
2024/25	Snipe	*Gallinago gallinago*	5400			8				8			

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2023/24	Black-tailed Godwit	*Limosa limosa*	5600	200	1100	2					2		
2024/25	Black-tailed Godwit	*Limosa limosa*	5600	200	1100	1					1		
2014/15	Curlew	*Numenius arquata*	5900	350	7600	110			110		15		1
2015/16	Curlew	*Numenius arquata*	5900	350	7600	185			145		185		9
2016/17	Curlew	*Numenius arquata*	5900	350	7600	65			10		65		2
2017/18	Curlew	*Numenius arquata*	5900	350	7600	154			75		146	154	
2019/20	Curlew	*Numenius arquata*	5900	350	7600	130					130		
2020/21	Curlew	*Numenius arquata*	5900	350	7600	80		80	31		80		2
2021/22	Curlew	*Numenius arquata*	5900	350	7600	32		4				32	
2022/23	Curlew	*Numenius arquata*	5900	350	7600	6					6		1
2023/24	Curlew	*Numenius arquata*	5900	350	7600	40	11			22	40		
2024/25	Curlew	*Numenius arquata*	5900	350	7600	34				34	25		
2024/25	Greenshank	*Tringa nebularia*	6200	20	3300	1				1			

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2014/15	Kingfisher	*Alcedo atthis*	6700			1			1				
2014/15	Black-headed Gull	*Chroicocephalus ridibundus*	6800			4		4					
2015/16	Black-headed Gull	*Chroicocephalus ridibundus*	6800			70			20		70		30
2016/17	Black-headed Gull	*Chroicocephalus ridibundus*	6800			50			50	50			1
2017/18	Black-headed Gull	*Chroicocephalus ridibundus*	6800			20		15	10	20	20	8	
2019/20	Black-headed Gull	*Chroicocephalus ridibundus*	6800			50			50		6		2
2020/21	Black-headed Gull	*Chroicocephalus ridibundus*	6800			12						8	12
2021/22	Black-headed Gull	*Chroicocephalus ridibundus*	6800			20				6	12	4	20
2022/23	Black-headed Gull	*Chroicocephalus ridibundus*	6800			10					10		1
2023/24	Black-headed Gull	*Chroicocephalus ridibundus*	6800			8					8	1	8
2024/25	Black-headed Gull	*Chroicocephalus ridibundus*	6800			41					41		
2014/15	Lesser Black-backed Gull	*Larus fuscus*	7000			25		25					
2015/16	Lesser Black-backed Gull	*Larus fuscus*	7000			10		10					

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2020/21	Lesser Black-backed Gull	*Larus fuscus*	7000			30		8	30		3	2	
2021/22	Lesser Black-backed Gull	*Larus fuscus*	7000			20						20	
Site: Lyonstown Stud Farm - 0J004													
2015/16	Mute Swan	*Cygnus olor*	100	90	100	2							2
2016/17	Mute Swan	*Cygnus olor*	100	90	100	2				1			2
2017/18	Mute Swan	*Cygnus olor*	100	90	100	2						2	2
2018/19	Mute Swan	*Cygnus olor*	100	90	100	4	4	4	4	4	4		4
2019/20	Mute Swan	*Cygnus olor*	100	90	100	4	4	4	4	4	4	4	2
2020/21	Mute Swan	*Cygnus olor*	100	90	100	3	3	3	3	3	3	3	3
2021/22	Mute Swan	*Cygnus olor*	100	90	100	6	6	6		6	6	4	2
2022/23	Mute Swan	*Cygnus olor*	100	90	100	5	5	5		5	5	5	5
2024/25	Mute Swan	*Cygnus olor*	100	90	100	2	2	2	2	2	2		
2015/16	Wigeon	*Mareca penelope*	1100	560	14000	23							23

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2016/17	Wigeon	*Mareca penelope*	1100	560	14000	47		14		38	47		5
2017/18	Wigeon	*Mareca penelope*	1100	560	14000	24				2	14	24	
2018/19	Wigeon	*Mareca penelope*	1100	560	14000	34		3	8	25	34		8
2019/20	Wigeon	*Mareca penelope*	1100	560	14000	26			4	7	26	15	15
2020/21	Wigeon	*Mareca penelope*	1100	560	14000	37			18	25	30	37	18
2021/22	Wigeon	*Mareca penelope*	1100	560	14000	16		2	12	16	13	7	
2022/23	Wigeon	*Mareca penelope*	1100	560	14000	32			11	17	31	32	6
2024/25	Wigeon	*Mareca penelope*	1100	560	14000	4			4				
2018/19	Gadwall	*Mareca strepera*	1200	20	1200	1			1				
2016/17	Teal	*Anas crecca*	1300	360	5000	10				2	7		10
2017/18	Teal	*Anas crecca*	1300	360	5000	12					2	12	
2018/19	Teal	*Anas crecca*	1300	360	5000	32				12			32
2019/20	Teal	*Anas crecca*	1300	360	5000	14			6	14			

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2020/21	Teal	*Anas crecca*	1300	360	5000	10				10	4	4	5
2021/22	Teal	*Anas crecca*	1300	360	5000	62		11		4	62	1	23
2022/23	Teal	*Anas crecca*	1300	360	5000	11			5	3	2	11	5
2024/25	Teal	*Anas crecca*	1300	360	5000	4	4						
2015/16	Mallard	*Anas platyrhynchos*	1400	280	53000	2							2
2016/17	Mallard	*Anas platyrhynchos*	1400	280	53000	18		5		18	16		5
2017/18	Mallard	*Anas platyrhynchos*	1400	280	53000	8				4	8	4	2
2018/19	Mallard	*Anas platyrhynchos*	1400	280	53000	48	46	45	48	24	18		9
2019/20	Mallard	*Anas platyrhynchos*	1400	280	53000	47	47	3	22	3	27	4	5
2020/21	Mallard	*Anas platyrhynchos*	1400	280	53000	35	18	29	16	35	12	13	4
2021/22	Mallard	*Anas platyrhynchos*	1400	280	53000	52	34	37	49	35	52	36	21
2022/23	Mallard	*Anas platyrhynchos*	1400	280	53000	41	22	41	28	20	15	22	4
2024/25	Mallard	*Anas platyrhynchos*	1400	280	53000	18	16	8	14		8	18	11

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2020/21	Shoveler	*Spatula clypeata*	1600	20	650	5						5	
2022/23	Shoveler	*Spatula clypeata*	1600	20	650	2					2		
2016/17	Pochard	*Aythya ferina*	1700	110	2000	3		3					
2019/20	Tufted Duck	*Aythya fuligula*	1800	270	8900	1	1	1					
2020/21	Tufted Duck	*Aythya fuligula*	1800	270	8900	1		1					
2015/16	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1							1
2016/17	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1							1
2017/18	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1				1	1		1
2018/19	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	4	4	4	3	2	2		
2019/20	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	7	7	7	1	1	2	2	2
2020/21	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	9	9	6	2				2
2021/22	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	12	12	7	2		3	3	2
2022/23	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	11	11	8	5			2	4

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2024/25	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	6	6	6	4	1	1	2	2
2024/25	Cormorant	*Phalacrocorax carbo*	3400	110	1200	1	1						
2018/19	Grey Heron	*Ardea cinerea*	3700	25	5000	1	1						
2020/21	Grey Heron	*Ardea cinerea*	3700	25	5000	1				1		1	
2022/23	Grey Heron	*Ardea cinerea*	3700	25	5000	1	1						
2024/25	Grey Heron	*Ardea cinerea*	3700	25	5000	1	1	1	1			1	
2015/16	Moorhen	*Gallinula chloropus*	3900			3							3
2016/17	Moorhen	*Gallinula chloropus*	3900			5		5		4	5		4
2017/18	Moorhen	*Gallinula chloropus*	3900			5				1	3	5	5
2018/19	Moorhen	*Gallinula chloropus*	3900			19	14	19	9	12	12		7
2019/20	Moorhen	*Gallinula chloropus*	3900			19	7	15	19	5	12	5	5
2020/21	Moorhen	*Gallinula chloropus*	3900			17	17	10	14	9	8	4	4
2021/22	Moorhen	*Gallinula chloropus*	3900			31	31	31	11	8	7	9	6

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Moorhen	*Gallinula chloropus*	3900			17	17	7	8	2	5	5	7
2024/25	Moorhen	*Gallinula chloropus*	3900			13	7	13	11	4	7	3	2
2018/19	Coot	*Fulica atra*	4000	190	15500	2	2	1	2	1	1		
2019/20	Coot	*Fulica atra*	4000	190	15500	2			2		1		
2020/21	Coot	*Fulica atra*	4000	190	15500	2	2	2					
2021/22	Coot	*Fulica atra*	4000	190	15500	2	2	2	2	1			
2022/23	Coot	*Fulica atra*	4000	190	15500	4						4	2
2024/25	Coot	*Fulica atra*	4000	190	15500	5	5	2	4		1	1	1
2017/18	Snipe	*Gallinago gallinago*	5400			6					1		6
2021/22	Snipe	*Gallinago gallinago*	5400			4							4
2024/25	Snipe	*Gallinago gallinago*	5400			1							1
2021/22	Kingfisher	*Alcedo atthis*	6700			1	1						
Site: River Suir Middle - 0J301													
2016/17	Unidentified grebe	*Podicipedidae sp*				6		6					

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2014/15	Mute Swan	*Cygnus olor*	100	90	100	31			7	25	31		
2015/16	Mute Swan	*Cygnus olor*	100	90	100	22				22			9
2016/17	Mute Swan	*Cygnus olor*	100	90	100	41	14	8		37	41		22
2017/18	Mute Swan	*Cygnus olor*	100	90	100	45	2		15	45	29	23	10
2018/19	Mute Swan	*Cygnus olor*	100	90	100	40	7	22	40	37	31		24
2019/20	Mute Swan	*Cygnus olor*	100	90	100	52	6	31	37	45	52	14	40
2020/21	Mute Swan	*Cygnus olor*	100	90	100	34	9	10	34	30	28	13	17
2021/22	Mute Swan	*Cygnus olor*	100	90	100	87	2	66	8	26	87	6	7
2022/23	Mute Swan	*Cygnus olor*	100	90	100	17	7	11	9	12	17	5	9
2024/25	Mute Swan	*Cygnus olor*	100	90	100	10	5	9	10	7	4	5	4
2014/15	Whooper Swan	*Cygnus cygnus*	300	150	340	38			5	10	38		
2015/16	Whooper Swan	*Cygnus cygnus*	300	150	340	50				50			
2016/17	Whooper Swan	*Cygnus cygnus*	300	150	340	102				78	102		57

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2017/18	Whooper Swan	*Cygnus cygnus*	300	150	340	120			46	120	64	48	
2018/19	Whooper Swan	*Cygnus cygnus*	300	150	340	128		56	103	128	34		94
2019/20	Whooper Swan	*Cygnus cygnus*	300	150	340	107		95	107	39	48	5	
2020/21	Whooper Swan	*Cygnus cygnus*	300	150	340	66			66				
2021/22	Whooper Swan	*Cygnus cygnus*	300	150	340	84		84	23	22	63		13
2022/23	Whooper Swan	*Cygnus cygnus*	300	150	340	53			53		28	2	
2024/25	Whooper Swan	*Cygnus cygnus*	300	150	340	52			19	52			44
2015/16	Greylag Goose (resident)	*Anser anser*	600	35	980	2				2			
2016/17	Greylag Goose (resident)	*Anser anser*	600	35	980	2							2
2017/18	Greylag Goose (resident)	*Anser anser*	600	35	980	4					4	2	
2015/16	Shelduck	*Tadorna tadorna*	1000	100	2500	1				1			
2014/15	Wigeon	*Mareca penelope*	1100	560	14000	40					40		

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2015/16	Wigeon	*Mareca penelope*	1100	560	14000	135				135			
2016/17	Wigeon	*Mareca penelope*	1100	560	14000	29				29			
2017/18	Wigeon	*Mareca penelope*	1100	560	14000	130			40	130			
2018/19	Wigeon	*Mareca penelope*	1100	560	14000	12				5	12		
2019/20	Wigeon	*Mareca penelope*	1100	560	14000	191					191		
2020/21	Wigeon	*Mareca penelope*	1100	560	14000	8					2	2	8
2021/22	Wigeon	*Mareca penelope*	1100	560	14000	107		20		9	107		60
2022/23	Wigeon	*Mareca penelope*	1100	560	14000	500			500		200		18
2024/25	Wigeon	*Mareca penelope*	1100	560	14000	6				6			
2014/15	Teal	*Anas crecca*	1300	360	5000	120	2			20	120		
2015/16	Teal	*Anas crecca*	1300	360	5000	60				60			2
2016/17	Teal	*Anas crecca*	1300	360	5000	24				24	22		
2017/18	Teal	*Anas crecca*	1300	360	5000	150			5	58	150		25

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Teal	*Anas crecca*	1300	360	5000	73		10	10	14	73		
2019/20	Teal	*Anas crecca*	1300	360	5000	25		6		18	25		
2020/21	Teal	*Anas crecca*	1300	360	5000	42				23	42	20	12
2021/22	Teal	*Anas crecca*	1300	360	5000	71	3	39		2	69	71	30
2022/23	Teal	*Anas crecca*	1300	360	5000	165			50	53	165	64	30
2024/25	Teal	*Anas crecca*	1300	360	5000	100	3			38	85	25	100
2014/15	Mallard	*Anas platyrhynchos*	1400	280	53000	84	2			2	84		
2015/16	Mallard	*Anas platyrhynchos*	1400	280	53000	48				48			5
2016/17	Mallard	*Anas platyrhynchos*	1400	280	53000	78	6	78		34	18		2
2017/18	Mallard	*Anas platyrhynchos*	1400	280	53000	48	40		16	48			16
2018/19	Mallard	*Anas platyrhynchos*	1400	280	53000	42	42	10	37	30	26		6
2019/20	Mallard	*Anas platyrhynchos*	1400	280	53000	23		13	23	2	9	2	3
2020/21	Mallard	*Anas platyrhynchos*	1400	280	53000	26		2	3	26	18	13	3

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2021/22	Mallard	*Anas platyrhynchos*	1400	280	53000	74	9	74	57	29	23	47	15
2022/23	Mallard	*Anas platyrhynchos*	1400	280	53000	80	8	12	48	80	12	13	30
2024/25	Mallard	*Anas platyrhynchos*	1400	280	53000	115	31	14	9	75	115	60	14
2018/19	Shoveler	*Spatula clypeata*	1600	20	650	4				4			
2019/20	Shoveler	*Spatula clypeata*	1600	20	650	3					3		
2020/21	Shoveler	*Spatula clypeata*	1600	20	650	4							4
2021/22	Shoveler	*Spatula clypeata*	1600	20	650	4		4					
2024/25	Shoveler	*Spatula clypeata*	1600	20	650	3				3			
2014/15	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1					1		
2016/17	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	3	2	1			3		
2021/22	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1				1			
2022/23	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1		1					
2024/25	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	1		1					

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2014/15	Cormorant	*Phalacrocorax carbo*	3400	110	1200	2				2	1		
2015/16	Cormorant	*Phalacrocorax carbo*	3400	110	1200	37	1						37
2016/17	Cormorant	*Phalacrocorax carbo*	3400	110	1200	10	8	6		4	10		
2017/18	Cormorant	*Phalacrocorax carbo*	3400	110	1200	27	3		7	3	27	2	12
2018/19	Cormorant	*Phalacrocorax carbo*	3400	110	1200	17	1	17	1	9	1		5
2019/20	Cormorant	*Phalacrocorax carbo*	3400	110	1200	24	6	6	24		6	2	8
2020/21	Cormorant	*Phalacrocorax carbo*	3400	110	1200	7	1	2	3	5	6	3	7
2021/22	Cormorant	*Phalacrocorax carbo*	3400	110	1200	9	1	7	1	9	2	2	3
2022/23	Cormorant	*Phalacrocorax carbo*	3400	110	1200	9		6	4	8	7	2	9
2024/25	Cormorant	*Phalacrocorax carbo*	3400	110	1200	17	13	17	6	7	4	11	12
2015/16	Little Egret	*Egretta garzetta*	3600	20	1100	11							11
2016/17	Little Egret	*Egretta garzetta*	3600	20	1100	5	5	1					1
2017/18	Little Egret	*Egretta garzetta*	3600	20	1100	7				7	4	3	4

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Little Egret	*Egretta garzetta*	3600	20	1100	11	3	2	3	11	4		3
2019/20	Little Egret	*Egretta garzetta*	3600	20	1100	13		4	13	11	6	12	7
2020/21	Little Egret	*Egretta garzetta*	3600	20	1100	14	11	3	13	5	7	7	14
2021/22	Little Egret	*Egretta garzetta*	3600	20	1100	23		3	6	9	23	4	14
2022/23	Little Egret	*Egretta garzetta*	3600	20	1100	19		6	19	4	15	19	18
2024/25	Little Egret	*Egretta garzetta*	3600	20	1100	12	4	5	3	12	6	2	6
2014/15	Grey Heron	*Ardea cinerea*	3700	25	5000	1	1		1				
2015/16	Grey Heron	*Ardea cinerea*	3700	25	5000	2				1			2
2016/17	Grey Heron	*Ardea cinerea*	3700	25	5000	4	4	4		4	2		4
2017/18	Grey Heron	*Ardea cinerea*	3700	25	5000	3	2			1	2	3	3
2018/19	Grey Heron	*Ardea cinerea*	3700	25	5000	7	7	2	3	2	4		2
2019/20	Grey Heron	*Ardea cinerea*	3700	25	5000	13	4	4	7	7	13	3	4
2020/21	Grey Heron	*Ardea cinerea*	3700	25	5000	8	8	6	8	7	4	6	4

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2021/22	Grey Heron	*Ardea cinerea*	3700	25	5000	7	7	7	7	5	7	5	3
2022/23	Grey Heron	*Ardea cinerea*	3700	25	5000	11	6	1	11	6	6	7	6
2024/25	Grey Heron	*Ardea cinerea*	3700	25	5000	10	5	7	9	10	3	7	4
2014/15	Moorhen	*Gallinula chloropus*	3900			6					6		
2015/16	Moorhen	*Gallinula chloropus*	3900			1	1						
2016/17	Moorhen	*Gallinula chloropus*	3900			5	5	5		1	1		
2017/18	Moorhen	*Gallinula chloropus*	3900			5			5				1
2018/19	Moorhen	*Gallinula chloropus*	3900			5	5		5				
2019/20	Moorhen	*Gallinula chloropus*	3900			4	4	1					
2020/21	Moorhen	*Gallinula chloropus*	3900			1		1	1	1	1	1	
2021/22	Moorhen	*Gallinula chloropus*	3900			5	5	4	3	1			
2022/23	Moorhen	*Gallinula chloropus*	3900			4	3	3		4			
2024/25	Moorhen	*Gallinula chloropus*	3900			9	9	3	7	4	8	1	1

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2020/21	Golden Plover	*Pluvialis apricaria*	4300	920	9300	50			50				
2014/15	Lapwing	*Vanellus vanellus*	4500	850	72300	25					25		
2015/16	Lapwing	*Vanellus vanellus*	4500	850	72300	6				6			
2016/17	Lapwing	*Vanellus vanellus*	4500	850	72300	4					4		
2017/18	Lapwing	*Vanellus vanellus*	4500	850	72300	90				32	36	90	
2018/19	Lapwing	*Vanellus vanellus*	4500	850	72300	70	12		20	70	30		
2019/20	Lapwing	*Vanellus vanellus*	4500	850	72300	210		62	210				
2020/21	Lapwing	*Vanellus vanellus*	4500	850	72300	75						75	20
2021/22	Lapwing	*Vanellus vanellus*	4500	850	72300	10		10	4		5		
2022/23	Lapwing	*Vanellus vanellus*	4500	850	72300	53			53		13		
2024/25	Lapwing	*Vanellus vanellus*	4500	850	72300	40	1	16		40			
2014/15	Snipe	*Gallinago gallinago*	5400			8	8						
2015/16	Snipe	*Gallinago gallinago*	5400			12							12

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2016/17	Snipe	*Gallinago gallinago*	5400			9		4		9	9		
2017/18	Snipe	*Gallinago gallinago*	5400			11					2	8	11
2018/19	Snipe	*Gallinago gallinago*	5400			18		4	5		18		1
2019/20	Snipe	*Gallinago gallinago*	5400			6		6	2	4	5	5	1
2020/21	Snipe	*Gallinago gallinago*	5400			16	2	7	8	16	11	1	1
2021/22	Snipe	*Gallinago gallinago*	5400			21	3	3	14	17		14	21
2022/23	Snipe	*Gallinago gallinago*	5400			36		11	3	36	5	25	15
2024/25	Snipe	*Gallinago gallinago*	5400			27			5	9	27	4	11
2019/20	Black-tailed Godwit	*Limosa limosa*	5600	200	1100	2			2				
2014/15	Curlew	*Numenius arquata*	5900	350	7600	60			20	60	34		
2015/16	Curlew	*Numenius arquata*	5900	350	7600	112				112			
2016/17	Curlew	*Numenius arquata*	5900	350	7600	66				48	30		66
2017/18	Curlew	*Numenius arquata*	5900	350	7600	110	14			110	82	5	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Curlew	*Numenius arquata*	5900	350	7600	66	27	1		66	48		
2019/20	Curlew	*Numenius arquata*	5900	350	7600	75	14	46	59	75	33	61	
2020/21	Curlew	*Numenius arquata*	5900	350	7600	2		2		1	2		
2021/22	Curlew	*Numenius arquata*	5900	350	7600	50		4	12	19	50		4
2022/23	Curlew	*Numenius arquata*	5900	350	7600	26		1	26		15		
2024/25	Curlew	*Numenius arquata*	5900	350	7600	4				3	4	4	
2018/19	Green Sandpiper	*Tringa ochropus*	6300			1					1		
2019/20	Green Sandpiper	*Tringa ochropus*	6300			2		2					
2020/21	Green Sandpiper	*Tringa ochropus*	6300			1		1					
2022/23	Green Sandpiper	*Tringa ochropus*	6300			4			4				
2024/25	Green Sandpiper	*Tringa ochropus*	6300			2	2						
2015/16	Common Sandpiper	*Actitis hypoleucos*	6500			1	1						
2015/16	Kingfisher	*Alcedo atthis*	6700			1							1

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Kingfisher	*Alcedo atthis*	6700			1		1					
2019/20	Kingfisher	*Alcedo atthis*	6700			1		1					
2021/22	Kingfisher	*Alcedo atthis*	6700			1			1	1	1		1
2022/23	Kingfisher	*Alcedo atthis*	6700			1		1				1	
2024/25	Kingfisher	*Alcedo atthis*	6700			1			1				
2014/15	Black-headed Gull	*Chroicocephalus ridibundus*	6800			62				62	2		
2015/16	Black-headed Gull	*Chroicocephalus ridibundus*	6800			2				2			
2016/17	Black-headed Gull	*Chroicocephalus ridibundus*	6800			50				2			50
2018/19	Black-headed Gull	*Chroicocephalus ridibundus*	6800			40			40	20			
2019/20	Black-headed Gull	*Chroicocephalus ridibundus*	6800			3				3			
2020/21	Black-headed Gull	*Chroicocephalus ridibundus*	6800			50							50
2021/22	Black-headed Gull	*Chroicocephalus ridibundus*	6800			32							32
2016/17	Common Gull	*Larus canus*	6900			100				2			100

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2017/18	Common Gull	*Larus canus*	6900			47				47	18		
2018/19	Common Gull	*Larus canus*	6900			9	1	2	9				
2019/20	Common Gull	*Larus canus*	6900			8			5				8
2020/21	Common Gull	*Larus canus*	6900			1			1				
2014/15	Lesser Black-backed Gull	*Larus fuscus*	7000			45			38	45			
2015/16	Lesser Black-backed Gull	*Larus fuscus*	7000			4				4			
2017/18	Lesser Black-backed Gull	*Larus fuscus*	7000			16				16	15		
2018/19	Lesser Black-backed Gull	*Larus fuscus*	7000			160	45			160	12		50
2019/20	Lesser Black-backed Gull	*Larus fuscus*	7000			5					5		
2020/21	Lesser Black-backed Gull	*Larus fuscus*	7000			25		9				1	25
2021/22	Lesser Black-backed Gull	*Larus fuscus*	7000			17					3		17

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Lesser Black-backed Gull	*Larus fuscus*	7000			55			55	7			
2024/25	Lesser Black-backed Gull	*Larus fuscus*	7000			39		2		39		2	
Site: River Suir Upper - 0J302													
2014/15	Mute Swan	*Cygnus olor*	100	90	100	6			6				2
2015/16	Mute Swan	*Cygnus olor*	100	90	100	2		2			2		
2016/17	Mute Swan	*Cygnus olor*	100	90	100	5				2		5	
2017/18	Mute Swan	*Cygnus olor*	100	90	100	2		2					
2019/20	Mute Swan	*Cygnus olor*	100	90	100	3						3	
2020/21	Mute Swan	*Cygnus olor*	100	90	100	5					5		
2021/22	Mute Swan	*Cygnus olor*	100	90	100	3			3				
2022/23	Mute Swan	*Cygnus olor*	100	90	100	1		1					
2023/24	Mute Swan	*Cygnus olor*	100	90	100	2						2	
2014/15	Whooper Swan	*Cygnus cygnus*	300	150	340	24			24	23	21	21	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2015/16	Whooper Swan	*Cygnus cygnus*	300	150	340	10			9		10		5
2016/17	Whooper Swan	*Cygnus cygnus*	300	150	340	21			5	12	21		
2023/24	Whooper Swan	*Cygnus cygnus*	300	150	340	3					3		
2024/25	Greylag Goose (resident)	*Anser anser*	600	35	980	6					6		
2015/16	Wigeon	*Mareca penelope*	1100	560	14000	2					2		
2022/23	Wigeon	*Mareca penelope*	1100	560	14000	5							5
2014/15	Teal	*Anas crecca*	1300	360	5000	50			50	4			
2015/16	Teal	*Anas crecca*	1300	360	5000	1		1					
2020/21	Teal	*Anas crecca*	1300	360	5000	25					25		
2023/24	Teal	*Anas crecca*	1300	360	5000	2						2	
2024/25	Teal	*Anas crecca*	1300	360	5000	5					5		
2024/25	Mallard	*Anas platyrhynchos*	1400	280	53000	26					26		
2017/18	Cormorant	*Phalacrocorax carbo*	3400	110	1200	1		1					

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2015/16	Little Egret	*Egretta garzetta*	3600	20	1100	2		2					
2017/18	Little Egret	*Egretta garzetta*	3600	20	1100	1		1		1			
2019/20	Little Egret	*Egretta garzetta*	3600	20	1100	1						1	
2020/21	Little Egret	*Egretta garzetta*	3600	20	1100	3			3				
2022/23	Little Egret	*Egretta garzetta*	3600	20	1100	1		1					1
2023/24	Little Egret	*Egretta garzetta*	3600	20	1100	4					4	4	4
2024/25	Little Egret	*Egretta garzetta*	3600	20	1100	3					3		
2014/15	Grey Heron	*Ardea cinerea*	3700	25	5000	1							1
2016/17	Grey Heron	*Ardea cinerea*	3700	25	5000	1					1		
2017/18	Grey Heron	*Ardea cinerea*	3700	25	5000	1				1	1		
2020/21	Grey Heron	*Ardea cinerea*	3700	25	5000	4					4		
2021/22	Grey Heron	*Ardea cinerea*	3700	25	5000	1			1				
2022/23	Grey Heron	*Ardea cinerea*	3700	25	5000	2		2					1

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2024/25	Moorhen	*Gallinula chloropus*	3900			3					3		
2023/24	Coot	*Fulica atra*	4000	190	15500	1						1	
2020/21	Golden Plover	*Pluvialis apricaria*	4300	920	9300	1					1		
2014/15	Lapwing	*Vanellus vanellus*	4500	850	72300	90			50		90		
2015/16	Lapwing	*Vanellus vanellus*	4500	850	72300	220					220		
2017/18	Lapwing	*Vanellus vanellus*	4500	850	72300	12		12					
2019/20	Lapwing	*Vanellus vanellus*	4500	850	72300	65						65	
2020/21	Lapwing	*Vanellus vanellus*	4500	850	72300	170					170		
2021/22	Lapwing	*Vanellus vanellus*	4500	850	72300	21			21				
2022/23	Lapwing	*Vanellus vanellus*	4500	850	72300	20							20
2024/25	Lapwing	*Vanellus vanellus*	4500	850	72300	30					30		
2017/18	Dunlin	*Calidris alpina*	5100	460	13300	3				3			
2014/15	Curlew	*Numenius arquata*	5900	350	7600	30			30	22		3	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2015/16	Curlew	*Numenius arquata*	5900	350	7600	1					1		
2017/18	Curlew	*Numenius arquata*	5900	350	7600	5				5			
2021/22	Curlew	*Numenius arquata*	5900	350	7600	1			1				
2014/15	Black-headed Gull	*Chroicocephalus ridibundus*	6800			4			2	4			
2019/20	Black-headed Gull	*Chroicocephalus ridibundus*	6800			7						7	
2020/21	Black-headed Gull	*Chroicocephalus ridibundus*	6800			1					1		
2024/25	Black-headed Gull	*Chroicocephalus ridibundus*	6800			2					2		
2014/15	Lesser Black-backed Gull	*Larus fuscus*	7000			4				4			
2015/16	Lesser Black-backed Gull	*Larus fuscus*	7000			5					5		
2017/18	Lesser Black-backed Gull	*Larus fuscus*	7000			200		200					
2021/22	Lesser Black-backed Gull	*Larus fuscus*	7000			2			2				

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2022/23	Lesser Black-backed Gull	*Larus fuscus*	7000			3		3					
2024/25	Lesser Black-backed Gull	*Larus fuscus*	7000			1					1		
Site: Walsh's Sandpit -0J201													
2014/15	Mute Swan	*Cygnus olor*	100	90	100	2			1		2		
2017/18	Mute Swan	*Cygnus olor*	100	90	100	1				1			
2014/15	Wigeon	*Mareca penelope*	1100	560	14000	68				24	68	37	
2015/16	Wigeon	*Mareca penelope*	1100	560	14000	27	1	5	27	22			5
2016/17	Wigeon	*Mareca penelope*	1100	560	14000	48			14	24	48		28
2017/18	Wigeon	*Mareca penelope*	1100	560	14000	57				57			
2018/19	Wigeon	*Mareca penelope*	1100	560	14000	25			2	25			
2019/20	Wigeon	*Mareca penelope*	1100	560	14000	14		4	14				
2021/22	Wigeon	*Mareca penelope*	1100	560	14000	38		4		38			
2014/15	Teal	*Anas crecca*	1300	360	5000	14	1	1	14		12	2	

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2016/17	Teal	*Anas crecca*	1300	360	5000	10			10				2
2017/18	Teal	*Anas crecca*	1300	360	5000	25				25			
2019/20	Teal	*Anas crecca*	1300	360	5000	6		6	6				
2021/22	Teal	*Anas crecca*	1300	360	5000	8				8			
2014/15	Mallard	*Anas platyrhynchos*	1400	280	53000	30	13	17	30		7	12	
2015/16	Mallard	*Anas platyrhynchos*	1400	280	53000	96	96		43	74			2
2016/17	Mallard	*Anas platyrhynchos*	1400	280	53000	84	84		6	7	11		4
2017/18	Mallard	*Anas platyrhynchos*	1400	280	53000	15				15			
2018/19	Mallard	*Anas platyrhynchos*	1400	280	53000	40			2	40			
2019/20	Mallard	*Anas platyrhynchos*	1400	280	53000	45	12	45	34				
2021/22	Mallard	*Anas platyrhynchos*	1400	280	53000	32		32		24			
2016/17	Shoveler	*Spatula clypeata*	1600	20	650	2					1		2
2021/22	Shoveler	*Spatula clypeata*	1600	20	650	4		3		4			

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Pochard	*Aythya ferina*	1700	110	2000	1			1				
2014/15	Tufted Duck	*Aythya fuligula*	1800	270	8900	2		1		2			
2015/16	Tufted Duck	*Aythya fuligula*	1800	270	8900	6	6	2		3			5
2016/17	Tufted Duck	*Aythya fuligula*	1800	270	8900	9	2			3	9		7
2017/18	Tufted Duck	*Aythya fuligula*	1800	270	8900	2				2			
2018/19	Tufted Duck	*Aythya fuligula*	1800	270	8900	4	2		1	4			
2019/20	Tufted Duck	*Aythya fuligula*	1800	270	8900	4	4	3	4				
2021/22	Tufted Duck	*Aythya fuligula*	1800	270	8900	9		5		9			
2015/16	Goldeneye	*Bucephala clangula*	2300	40	11400	1			1	1			
2014/15	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	16	16	11	9	6	13	9	
2015/16	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	12	12	8	4	4			6
2016/17	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	17	17		15	11	6		12
2017/18	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	9				9			

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2018/19	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	17	17		10	5			
2019/20	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	14	8	14	7				
2021/22	Little Grebe	*Tachybaptus ruficollis*	3100	20	4700	13		7		13			
2015/16	Little Egret	*Egretta garzetta*	3600	20	1100	1	1						
2014/15	Moorhen	*Gallinula chloropus*	3900			5	4	5	2		1	2	
2015/16	Moorhen	*Gallinula chloropus*	3900			5	5	4					2
2016/17	Moorhen	*Gallinula chloropus*	3900			6	6		2		1		2
2018/19	Moorhen	*Gallinula chloropus*	3900			5	4		2	5			
2019/20	Moorhen	*Gallinula chloropus*	3900			4	3	3	4				
2021/22	Moorhen	*Gallinula chloropus*	3900			4		1		4			
2014/15	Coot	*Fulica atra*	4000	190	15500	13	3	5	5	4	13	7	
2015/16	Coot	*Fulica atra*	4000	190	15500	15	14	10	15	14			3
2016/17	Coot	*Fulica atra*	4000	190	15500	24	12		15	19	24		10

Season	Species Name	Latin Name	Display Order	AllIreland_1pc	Flyway_1pc	Peak	Sep	Oct	Nov	Dec	Jan	Feb	Mar
2017/18	Coot	*Fulica atra*	4000	190	15500	10				10			
2018/19	Coot	*Fulica atra*	4000	190	15500	8	8		7	7			
2019/20	Coot	*Fulica atra*	4000	190	15500	11	9	6	11				
2021/22	Coot	*Fulica atra*	4000	190	15500	18		9		18			
2014/15	Lapwing	*Vanellus vanellus*	4500	850	72300	15		15					
2015/16	Lapwing	*Vanellus vanellus*	4500	850	72300	8		2		1			8
2016/17	Lapwing	*Vanellus vanellus*	4500	850	72300	5	5						
2018/19	Lapwing	*Vanellus vanellus*	4500	850	72300	12	12						
2014/15	Snipe	*Gallinago gallinago*	5400			3					3		
2016/17	Snipe	*Gallinago gallinago*	5400			9	1		5	9	4		1
2017/18	Snipe	*Gallinago gallinago*	5400			12				12			
2018/19	Black-headed Gull	*Chroicocephalus ridibundus*	6800			1			1				
2019/20	Lesser Black-backed Gull	*Larus fuscus*	7000			16		16					

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 3

Breeding Bird Survey effort

Appendix III - Breeding Bird Survey Effort Table

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 4

Winter transect Survey effort

Appendix IV - Winter Transect Survey Effort Table

Season	Date	Transect	Round	Surveyor	Cloud	Visibility	Precipitation	Wind Speed	Wind Direction	Start	End
Winter 2020/2021	7/11/2020	4	1	SK	8-Mar	Good	no info	2	W	14:50	15:41
Winter 2020/2021	21/11/20	1	1	GP	8-Apr	V. Good	Dry	1	SW	12:35	13:15
Winter 2020/2021	22/11/20	3	1	GP	8-Apr	V. Good	Dry	1	W	13:10	13:55
Winter 2020/2021	28/11/20	2	1	GP	8-Aug	Good	Mist	1	E	7:55	8:40
Winter 2020/2021	5/1/2021	2	2	GP	8-Mar	Good	dry	2	NE	13:12	13:40
Winter 2020/2021	14/01/21	3	2	GP	8-Jun	Good	dry	3	NW	11:55	12:20
Winter 2020/2021	23/01/21	1	2	GP	8-Jan	Good	dry	1	E	12:55	13:20
Winter 2020/2021	03/02/021	1	3	GP	8-Jun	Moderate	shower	2	SW	11:25	11:50
Winter 2020/2021	6/2/2021	3	3	GP	8-Aug	Moderate	dry	2	NW	12:25	12:50
Winter 2020/2021	15/02/21	2	3	GP	8-Mar	Good	dry	3	S	12:00	12:25
Winter 2021/2022	2/10/2021	2	1	GP	4	Good	Dry	2	SW	13:35	14:00
Winter 2021/2022	13/10/21	1	1	GP	7	Good	Dry	1	W	15:45	16:00
Winter 2021/2022	21/10/21	4	1	BP	0	V. Good	Dry	2	NW	10:26	11:21

Season	Date	Transect	Round	Surveyor	Cloud	Visibility	Precipitation	Wind Speed	Wind Direction	Start	End
Winter 2021/2022	23/10/21	3	1	GP	3	Good	Dry	3	S	10:35	11:00
Winter 2021/2022	2/12/2021	2	2	GP	8	Good	Dry	1	W	10:50	11:20
Winter 2021/2022	10/12/2021	1	2	GP	2	Good	Dry	1	W	11:00	11:25
Winter 2021/2022	17/12/21	4	2	BP	8	V. Good	Dry	3	SE	11:40	12:34
Winter 2021/2022	18/12/21	3	2	GP	8	Moderate	Dry	2	E	10:58	11:30
Winter 2021/2022	02/02/2022	1	3	GP	8	Good	Dry	2	SW	12:47	13:04
Winter 2021/2022	14/02/22	2	3	GP	5	Good	shower	4	NW	13:55	14:20
Winter 2021/2022	19/02/22	3	3	GP	3	Good	Dry	3	NW	11:10	11:38
Winter 2021/2022	7/3/2022	4	3	BP	7	V. Good	Dry	4	SE	10:05	11:00
Winter 2022/2023	6/10/2022	1	1	GP	7	V. Good	shower	3	SW	14:24	14:58
Winter 2022/2023	6/10/2022	2	1	GP	7	Good	Dry	2	SW	10:11	10:35
Winter 2022/2023	6/10/2022	3	1	GP	7	Good	Dry	4	SW	15:23	15:51
Winter 2022/2023	20/10/2022	4	1	BP	1	V. Good	Dry	1	W	10:25	11:15

Season	Date	Transect	Round	Surveyor	Cloud	Visibility	Precipitation	Wind Speed	Wind Direction	Start	End
Winter 2022/2023	3/12/2022	4	2	BP	8	V. Good	Dry	2	E	12:35	13:32
Winter 2022/2023	6/12/2022	2	2	GP	2	Good	Dry	3	NE	10:50	11:27
Winter 2022/2023	14/12/22	3	2	GP	1	Good	Dry	2	NE	12:45	13:12
Winter 2022/2023	22/12/22	1	2	GP	4	Good	Dry	2	NE	13:28	13:42
Winter 2022/2023	02/02/2023	1	3	GP	8	Good	light drizzle	3	SW	8:00	8:26
Winter 2022/2023	02/02/2023	2	3	GP	7	Good	Dry	3	SW	12:05	12:30
Winter 2022/2023	5/2/2023	3	3	GP	1	Good	Dry	2	SE	10:55	11:17
Winter 2022/2023	10/2/2023	4	3	BP	7	V. Good	Dry	2	SW	8:45	9:41
Winter 2023/2024	6/10/2023	3	1	GP	7	V. Good	Dry	3	S	10:14	10:36
Winter 2023/2024	6/10/2023	1	1	GP	8	V. Good	Dry	3	S	14:58	15:29
Winter 2023/2024	26/10/23	1	1	GP	5	V. Good	Dry	2	S	7:59	8:28
Winter 2023/2024	28/10/23	4	1	BP	5	V. Good	Dry	3	SE	11:17	12:10
Winter 2023/2024	2/12/2023	3	2	GP	1	V. Good	Dry	2	SW	8:34	8:57

Season	Date	Transect	Round	Surveyor	Cloud	Visibility	Precipitation	Wind Speed	Wind Direction	Start	End
Winter 2023/2024	4/12/2023	1	2	GP	2	V. Good	Dry	3	N	9:39	9:52
Winter 2023/2024	14/12/23	2	2	GP	8	V. Good	Dry	1	SW	13:16	13:44
Winter 2023/2024	10/1/2024	4	2	BP	6	V. Good	Dry	1	NE	11:53	13:00
Winter 2023/2024	7/2/2024	3	3	GP	4	V. Good	Dry	1	SE	7:31	7:50
Winter 2023/2024	12/2/2024	1	3	GP	6	V. Good	Dry	2	SE	10:04	10:26
Winter 2023/2024	12/2/2024	2	3	GP	4	V. Good	Dry	3	S	14:35	14:58
Winter 2023/2024	15/02/2024	4	3	BP	7	Good	Dry	2	SW	11:00	12:05
Winter 2024/2025	2/10/2024	3	1	GP	7	V.Good	Dry	2	NNE	8:22	8:55
Winter 2024/2025	3/10/2024	2	1	BP	7	V. Good	Dry	4	SE	14:10	15:06
Winter 2024/2025	3/10/2024	4	1	GP	7	V.Good	Dry	4	SE	10:13	11:09
Winter 2024/2025	29/10/2024	1	1	GP	6	V.Good	Dry	1	SW	13:52	14:19
Winter 2024/2025	14/12/24	3	2	BP	7	V. Good	Dry	F1	W	11:06	12:05
Winter 2024/2025	14/12/2024	4	2	GP	8	Good	Dry	2	NW	12:55	13:26

Season	Date	Transect	Round	Surveyor	Cloud	Visibility	Precipitation	Wind Speed	Wind Direction	Start	End
Winter 2024/2025	15/12/24	2	2	BP	8	V. Good	Dry	F4	WSW	12:55	13:50
Winter 2024/2025	19/12/2024	1	2	GP	1	Good	Dry	4	NW	12:42	13:07
Winter 2024/2025	2/2/2025	4	3	GP	7	V.Good	Dry	2	NW	10:42	11:16
Winter 2024/2025	8/2/2025	3	3	BP	8	V. Good	Dry	F2-1	NE	14:12	15:07
Winter 2024/2025	8/2/2025	2	3	BP	8	V. Good	Dry	F1	NE	16:06	16:55
Winter 2024/2025	18/02/2025	1	3	GP	8	V.Good	Dry	4	SE	14:24	14:49

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 5

Breeding wader Survey effort

Appendix V - Breeding Wader Survey Effort Table

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2021	14/04/21	April	BP	0	Dry	V. Good	1	Not recorded	WPC1	7:16	10:15
Summer 2021	14/04/21	April	BP	4	Dry	V. Good	2	Not recorded	WPC2	10:50	12:02
Summer 2021	14/04/21	April	BP	7	Dry	V. Good	2	Not recorded	PC3	13:20	16:00
Summer 2021	15/04/21	April	BP	1	Dry	V. Good	1	Not recorded	WPC3	20:10	21:12
Summer 2021	16/04/21	April	BP	1	Dry	V. Good	1	Not recorded	WPC4	10:17	11:20
Summer 2021	17/04/21	April	BP	2	Dry	V. Good	1	Not recorded	BW-T1	7:50	10:30
Summer 2021	17/04/21	April	BP	7	Dry	V. Good	3	Not recorded	PC1	13:00	14:10
Summer 2021	01/06/21	June	BP	8	Dry	Good	1	Not recorded	WPC2	5:48	7:15
Summer 2021	01/06/21	June	BP	8	Dry	Good	1	Not recorded	BW-T3	20:40	22:55
Summer 2021	03/06/21	June	BP	6	Dry	V. Good	1	Not recorded	WPC5		
Summer 2021	08/07/21	July	BP	8	Dry	V. Good	1	Not recorded	BW-T1 & T2	6:15	10:05
Summer 2021	08/07/21	July	BP	8	Dry	V. Good	1	Not recorded	PC1	10:20	10:40

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2021	08/07/21	July	BP	8	Dry	V. Good	1	Not recorded	WPC2	21:15	22:55
Summer 2021	08/07/21	July	BP	8	Dry	V. Good	1	Not recorded	WPC1	21:15	22:55
Summer 2021	26/07/21	July	BP	8	Dry	Good-V. Good	2	Not recorded	BW-T1 & T2	6:25	10:40
Summer 2022	03/04/22	April	BP	0	Dry	V. Good	F1	F1	WPC2	9:40	11:35
Summer 2022	03/04/22	April	BP	3-5	Dry	V. Good	F2	F2	WPC1	15:20	17:10
Summer 2022	07/04/22	April	BP	5	Dry	V. Good	F3	F3	WPC3	19:20	20:45
Summer 2022	07/04/22	April	BP	5	Dry	V. Good	F3	F3	PC3	19:20	20:45
Summer 2022	08/04/22	April	BP	4-8	occ. Showers	V. Good	F1-3	F1-3	BW-T1 & T2	7:50	13:40
Summer 2022	08/04/22	April	BP	5	Dry	V. Good	F2	F2	BW-T3	19:05	21:17
Summer 2022	09/04/22	April	BP	6-7	Dry	V. Good	F0-1	F0-1	WPC7	19:25	21:20
Summer 2022	06/05/22	May	BP	0-1	Dry	V. Good	F1	F1	BW-T4	20:00	22:15
Summer 2022	08/05/22	May	BP	1	Dry	V. Good	F0-1	F0-1	WPC1	5:45	7:45
Summer 2022	09/05/22	May	BP	8	occ. Drizzle	Good	F3	F3	BW-T2	6:20	7:30

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2022	13/06/22	June	BP	8	Dry	V. Good	F2	F2	BW-T1 & T2	19:25	22:20
Summer 2022	14/06/22	June	BP	7-8	Dry	V. Good	F0-2	F0-2	WPC1	5:45	9:20
Summer 2022	15/06/22	June	BP	2-6	Dry	V. Good	F0-2	F0-2	WPC1	19:40	23:00
Summer 2022	17/06/22	June	BP	7-8	Dry	V. Good	F2-3	F2-3	WPC8	20:20	23:00
Summer 2022	04/07/22	July	BP	5-8	Dry	V. Good	F1-3 NW	F1-3 NW	WPC2	19:50	23:05
Summer 2022	04/07/22	July	BP	5-8	Dry	V. Good	F1-3 NW	F1-3 NW	WPC1	19:50	23:05
Summer 2022	07/07/22	July	BP	6-8	Dry	V. Good	F3	F3	BW-T1 & T2	6:30	10:20
Summer 2022	15/07/22	July	BP	2	Dry	V. Good	F0-1	F0-1	WPC9	20:20	23:05
Summer 2023	02/04/23	April	BP	7	Dry	V. Good	2	NE	BW-T1 & T2	8:15	12:10
Summer 2023	02/04/23	April	BP	8	Dry	V. Good	1	E	PC1	12:30	13:15
Summer 2023	04/04/23	April	BP	8	Dry	V. Good	3	SE	WPC2	8:24	9:45
Summer 2023	14/04/23	April	BP	7	Dry	V. Good	1	N	WPC3	6:25	8:00
Summer 2023	14/04/23	April	BP	7	Dry	V. Good	1	N	WPC5	6:25	8:00

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2023	14/04/23	April	BP	4	Dry	V. Good	2	NW	WPC6	19:10	21:15
Summer 2023	01/05/23	May	BP	7	Dry	V. Good	1	not recorded	BW-T3	19:40	22:00
Summer 2023	02/05/23	May	BP	6	early mist	V. Good	2	S	WPC2	5:10	9:30
Summer 2023	02/05/23	May	BP	7	Dry	V. Good	2	SE	WPC4	19:45	22:10
Summer 2023	12/05/23	May	BP	8	Dry	V. Good	1	not recorded	BW-T1 & T2	8:45	11:55
Summer 2023	30/05/23	June	BP	0	Dry	V. Good	3	NE	WPC7	20:30	22:40
Summer 2023	31/05/23	June	BP	0	Dry	V. Good	2	NE	WPC2	20:00	22:45
Summer 2023	31/05/23	June	BP	0	Dry	V. Good	2	NE	WPC2	20:00	22:45
Summer 2023	14/06/23	June	BP	8	Dry	V. Good	3	SE	WPC3	20:45	23:10
Summer 2023	04/07/23	July	BP	7	Dry	V. Good	3	not recorded	BW-T1 & T2	17:50	21:00
Summer 2023	06/07/23	July	BP	8	some drizzle	V. Good	4	not recorded	WPC2	19:20	21:40
Summer 2023	20/07/23	July	BP	8	Dry	V. Good	2	not recorded	BW-T4	20:45	23:00
Summer 2024	17/04/24	April	BP	8	Dry	V. Good	3	not recorded	BW-T1 & T2	6:20	10:25

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2024	17/04/24	April	BP	3	Dry	V. Good	3	not recorded	WPC6	19:30	21:25
Summer 2024	18/04/24	April	BP	8	Dry	V. Good	2	SW	WPC2	5:45	9:00
Summer 2024	19/04/24	April	BP	8	Dry	V. Good	3	NW	WPC5	6:10	8:05
Summer 2024	19/04/24	April	BP	2	Dry	V. Good	2	NW	BW-T3	19:05	21:40
Summer 2024	09/05/24	May	BP	8	Dry	V. Good	2	not recorded	WPC1	5:28	8:50
Summer 2024	09/05/24	May	BP	8	Dry	V. Good	2	not recorded	BW-T4	20:32	22:20
Summer 2024	01/06/24	June	BP	8	dawn mist	V. Good	2	not recorded	BW-T1 & T2	5:20	8:35
Summer 2024	01/06/24	June	BP	4	Dry	V. Good	1	not recorded	WPC7	21:15	23:10
Summer 2024	02/06/24	June	BP	8	Dry	V. Good	3	not recorded	WPC1	20:40	22:55
Summer 2024	03/06/24	June	BP	8	light drizzle	Good	3	not recorded	WPC5	5:23	7:05
Summer 2024	18/06/24	June	BP	8	Dry	V. Good	3	not recorded	WPC9	21:00	23:30
Summer 2024	19/06/24	June	BP	1	Dry	V. Good	0	not recorded	WPC2	4:25	7:15
Summer 2024	07/07/24	July	BP	7	Dry	V. Good	1	not recorded	WPC2	20:15	23:20

Season	Date	Month	Surveyor	Cloud (/8)	Precipitation	Visibility	Wind Speed (Beaufort)	Wind Direction	Transect Number/Point Count	Start time	End time
Summer 2024	13/07/24	July	BP	7	Dry	V. Good	1	not recorded	BW-T4	20:50	22:40

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 6

Hen Harrier Survey Effort

Appendix VI - Hen Harrier Survey Effort Table

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2021/2022	HH19A-Bruckana WF	Hinterland HH Roost Watch	11/10/2021	BP	17:45	19:25	1	V. Good	Dry	1	NW
Winter 2021/2022	HH1A-Lisheen Tailing Ponds	Hinterland HH Roost Watch	23/11/2021	BP	15:30	17:10	8	V. Good	Dry	1	NW
Winter 2021/2022	HH1A-Lisheen Tailing Ponds	Hinterland HH Roost Watch	16/12/2021	BP	15:45	17:10	8	V. Good	Dry	1	SW
Winter 2021/2022	HH19A-Bruckana WF	Hinterland HH Roost Watch	27/01/2022	BP	16:20	17:45	7	Good	Dry	1	NW
Winter 2021/2022	HH19A-Bruckana WF	Hinterland HH Roost Watch	21/02/2022	BP	16:05	18:35	8	Good	occ. Drizzle	2	SW
Winter 2021/2022	HVP43 - Littleton Bog near Two churches	Hinterland HH Roost Watch	17/03/2022	BP	17:16	19:28	4	Yes	Dry	2	W
Winter 2022/2023	HH2	HH Roost Watch	8/10/2022	BP	16:30	19:30	7	Yes	Dry	2	SW
Winter 2022/2023	HH2	HH Roost Watch	13/10/22	KC&BP	16:15	19:15	7	Yes	showers	3	SW

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2022/2023	HH4	HH Roost Watch	13/10/22	BP&KC	16:15	19:15	8	Yes	occ. Light rain	3	SW
Winter 2022/2023	HH2	HH Roost Watch	17/10/22	KC	16:30	19:30	5	Yes	Dry	1	SW
Winter 2022/2023	HH5	HH Roost Watch	17/10/22	BP	16:06	19:06	1	Yes	Dry	2	SW
Winter 2022/2023	HH5	HH Roost Watch	17/10/22	BP	16:06	19:06	1	Yes	Dry	2	SW
Winter 2022/2023	HH7	HH Roost Watch	8/11/2022	KC&GP	14:30	17:30	3	Yes	Dry	3	S
Winter 2022/2023	HH8	HH Roost Watch	8/11/2022	GP	14:30	17:30	3	Yes	Dry	3	S
Winter 2022/2023	HH3	HH Roost Watch	16/11/22	KC&BP	14:45	17:15	1	Yes	Dry	1	SE
Winter 2022/2023	HH9	HH Roost Watch	16/11/22	BP	14:15	17:15	5	Yes	Dry	1	E
Winter 2022/2023	HH9	HH Roost Watch	17/11/22	BP	14:20	17:20	6	Yes	Dry	2	W

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2022/2023	HH12	HH Roost Watch	17/11/22	GP	14:20	17:20	6	Yes	Dry	2	W
Winter 2022/2023	HH27-Bawnmore	Hinterland HH Roost Watch	18/11/22	BP	15:30	17:20	F6-1	V. Good	Dry	2	W
Winter 2022/2023	HH2A	HH Roost Watch	3/12/2022	GP	14:00	17:00	6	V. Good	Dry	1	E
Winter 2022/2023	HH2A	HH Roost Watch	3/12/2022	BP	14:00	17:00	8	V. Good	Dry	1	NE
Winter 2022/2023	HH4	HH Roost Watch	6/12/2022	BP	14:00	17:00	7	V. Good	Dry	2	NE
Winter 2022/2023	HH3	HH Roost Watch	6/12/2022	KC	14:00	17:00	3	Yes	Dry	2	N
Winter 2022/2023	HH8	HH Roost Watch	22/12/22	GP	14:00	17:00	1	V. Good	Dry	1	NE
Winter 2022/2023	HH8	HH Roost Watch	22/12/22	GP	14:00	17:00	1	V. Good	Dry	1	NE
Winter 2022/2023	HH5	HH Roost Watch	9/1/2023	KC	14:30	17:30	5	Yes	Dry	3	W

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2022/2023	HH5	HH Roost Watch	9/1/2023	GP	14:30	17:30	4	Yes	Dry	3	W
Winter 2022/2023	HH11	HH Roost Watch	24/01/23	KC	14:40	17:40	7	Yes	Dry	1	S
Winter 2022/2023	HH12A	HH Roost Watch	29/01/23	GP	14:50	17:47	7	Yes	Dry	3	SW
Winter 2022/2023	HH2	HH Roost Watch	5/2/2023	BP	15:00	18:00	3	Yes	Dry	3	S
Winter 2022/2023	HH1	HH Roost Watch	5/2/2023	GP	15:00	18:00	3	Yes	Dry	3	S
Winter 2022/2023	HH3	HH Roost Watch	6/2/2023	KC	15:00	18:00	7	Yes	Dry	2	S
Winter 2022/2023	HH4	HH Roost Watch	6/2/2023	BP	15:00	18:00	8	Yes	Dry	3	SW
Winter 2022/2023	HH7	HH Roost Watch	20/02/23	BP	15:30	18:30	6	Yes	Dry	2	SW
Winter 2022/2023	HH8	HH Roost Watch	20/02/23	GP	15:30	18:30	6	Yes	Dry	2	SW

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2022/2023	HH11	HH Roost Watch	2/3/2023	BP	15:50	18:50	8	Yes	Dry	1	E
Winter 2022/2023	HH12A	HH Roost Watch	2/3/2023	GP	15:45	18:45	8	Yes	Dry	1	E
Winter 2022/2023	HH5	HH Roost Watch	14/03/23	KC	16:00	19:00	4	Yes	Dry	2	W
Winter 2022/2023	HH6A	HH Roost Watch	14/03/23	GP	16:00	19:10	3	Yes	shower	2	NW
Winter 2022/2023	HH3	HH Roost Watch	26/03/23	KC	17:30	20:30	2	Yes	Dry	2	N
Winter 2022/2023	HH9	HH Roost Watch	26/03/23	BP	17:30	20:30	3	Yes	Dry	2	NE
Winter 2023/2024	HH5	HH Roost Watch	6/10/2023	BP	18:57	19:31	8	Yes	occ. Spitting	3	SW
Winter 2023/2024	HH6A	HH Roost Watch	6/10/2023	GP	16:30	19:30	8	Yes	light shower	3	SN
Winter 2023/2024	HH9	HH Roost Watch	16/10/23	BP	16:10	19:10	8	Yes	Dry	2	E

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2023/2024	HH10	HH Roost Watch	16/10/23	KC	16:10	19:10	8	Yes	Dry	2	E
Winter 2023/2024	HH8	HH Roost Watch	26/10/23	GP	15:45	18:50	4	Yes	Dry	2	S
Winter 2023/2024	HH7	HH Roost Watch	26/10/23	KC	15:45	18:45	4	Yes	Dry	2	S
Winter 2023/2024	HH12	HH Roost Watch	3/11/2023	GP	14:30	17:40	2	Yes	Dry	2	W
Winter 2023/2024	HH11	HH Roost Watch	3/11/2023	KC	14:30	17:40	2	Yes	Dry	2	W
Winter 2023/2024	HH1	HH Roost Watch	14/11/23	GP	14:15	17:15	4	Yes	Dry	3	W
Winter 2023/2024	HH2	HH Roost Watch	14/11/23	BP	14:25	17:25	7	Yes	occ. Light showers	3	W
Winter 2023/2024	HH4	HH Roost Watch	15/11/23	BP	14:15	17:15	0-6	Yes	Dry	2	SW
Winter 2023/2024	HH13	HH Roost Watch	15/11/23	KC	14:15	17:15	7	Yes	Dry	2	W

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2023/2024	HH6A	HH Roost Watch	4/12/2023	GP	14:00	17:00	4	Yes	Dry	3	NW
Winter 2023/2024	HH5	HH Roost Watch	4/12/2023	BP	14:00	17:00	5	Yes	Dry	4	NW
Winter 2023/2024	HH9	HH Roost Watch	5/12/2023	BP	14:00	17:00	3	Yes	Dry	0	variable
Winter 2023/2024	HH10	HH Roost Watch	5/12/2023	KC	14:00	17:00	1	Yes	Dry	1	NW
Winter 2023/2024	HH8	HH Roost Watch	14/12/23	GP	14:00	17:00	7	Yes	Dry	2	SW
Winter 2023/2024	HH7	HH Roost Watch	14/12/23	KC	14:00	17:00	8	Yes	Dry	1	W
Winter 2023/2024	HH12A	HH Roost Watch	9/1/2024	GP	14:15	17:20	2	Yes	Dry	2	E
Winter 2023/2024	HH11	HH Roost Watch	9/1/2024	BP	14:50	17:50	4	Yes	Dry	2	S
Winter 2023/2024	HH4	HH Roost Watch	11/1/2024	BP	14:20	17:20	8	Yes	Dry	2	NE

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2023/2024	HH6A	HH Roost Watch	24/01/24	GP	14:50	17:50	4	Yes	Dry	2	S
Winter 2023/2024	HH5	HH Roost Watch	24/01/24	KC	14:40	17:40	5	Yes	Dry	2	SW
Winter 2023/2024	HH15	HH Roost Watch	7/2/2024	BP	15:00	18:00	8	Yes	Dry	2	NE
Winter 2023/2024	HH15	HH Roost Watch	12/2/2024	GP	15:10	18:10	5	Yes	showers	2	S
Winter 2023/2024	HH13	HH Roost Watch	12/2/2024	BP	15:15	18:15	7	Yes	occ. Short showers	3	SW
Winter 2023/2024	HH14	HH Roost Watch	12/2/2024	KC	15:10	18:10	5	Yes	Dry	2	S
Winter 2023/2024	HH12	HH Roost Watch	19/02/24	GP	15:25	18:25	7	Yes	Dry	1	W
Winter 2023/2024	HH11	HH Roost Watch	19/02/24	KC	15:25	18:25	7	Yes	Dry	1	W
Winter 2023/2024	HH6A	HH Roost Watch	15/03/24	GP	16:10	19:10	2	Yes	Dry	2	N

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2023/2024	HH5	HH Roost Watch	15/03/24	KC	16:10	19:10	2	Yes	Dry	2	NW
Winter 2023/2024	HH9	HH Roost Watch	20/03/24	BP	16:20	19:20	7	Yes	Dry	2	NW
Winter 2023/2024	HH10	HH Roost Watch	20/03/24	KC	16:20	19:20	4	Yes	Dry	2	N
Winter 2023/2024	HH1	HH Roost Watch	22/03/24	GP	16:30	19:30	7	Yes	shower	4	NW
Winter 2023/2024	HH2	HH Roost Watch	22/03/24	BP	16:30	19:30	5	Yes	occ. Light showers	4	NW
Winter 2024/2025	HH5	HH Roost Watch	1/10/2024	BP	16:40	19:40	3	V.Good	Dry	2	NE
Winter 2024/2025	HH11	HH Roost Watch	2/10/2024	BP	16:40	19:40	6	V.Good	Dry	3	NE
Winter 2024/2025	HH12	HH Roost Watch	2/10/2024	GP	18:15	19:40	3	V.Good	Dry	4	NE
Winter 2024/2025	HH12A	HH Roost Watch	2/10/2024	GP&BP	18:15	19:40	3	V.Good	Dry	4	NE

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2024/2025	HH7	HH Roost Watch	29/10/2024	KC&GP	14:45	17:45	7	Good	Dry	2	SW
Winter 2024/2025	HH8	HH Roost Watch	29/10/2024	KC&GP	14:45	17:45	7	Good	Dry	2	SW
Winter 2024/2025	HH2	HH Roost Watch	16/11/2024	BP	14:20	17:20	8	V.Good	Dry	F2-1-2	NW
Winter 2024/2025	HH1	HH Roost Watch	16/11/2024	GP	14:15	17:15	5	Good	Rain	2	NW
Winter 2024/2025	HH4	HH Roost Watch	20/11/2024	BP	14:10	17:10	7	Good	Dry	F1-0	NW
Winter 2024/2025	HH4	HH Roost Watch	20/11/2024	KC	14:00	17:00	7	Good	Dry	2	NA
Winter 2024/2025	HH13	HH Roost Watch	27/11/2024	KC	14:45	17:45	8	Good	Dry	2	SW
Winter 2024/2025	HH17	HH Roost Watch	27/11/2024	KC&GP	14:10	17:10	7	Good	Dry	2	N
Winter 2024/2025	HH12	HH Roost Watch	14/12/2024	BP&GP	14:00	17:00	8	Good	Occasional Drizzle	2	W

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2024/2025	HH11	HH Roost Watch	14/12/2024	BP&GP	14:00	17:00	8	Good	Occasional Drizzle	2	W
Winter 2024/2025	HH27-Bawnmore	HH Roost Watch	15/12/2024	BP	7:50	9:00	4	V.Good	Dry	F3	W
Winter 2024/2025	HH7	HH Roost Watch	15/12/2024	BP&GP	14:00	17:00	7	Good	Occasional Drizzle	4	SW
Winter 2024/2025	HH8	HH Roost Watch	15/12/2024	BP&GP	14:00	17:00	8	Good	Occasional Drizzle	4	SW
Winter 2024/2025	HH6A	HH Roost Watch	19/12/2024	KC&GP	14:00	17:00	1	Good	Dry	5	W
Winter 2024/2025	HH5	HH Roost Watch	19/12/2024	KC&GP	14:00	17:00	1	Good	Dry	5	W
Winter 2024/2025	HH2	HH Roost Watch	15/01/2025	Bp&GP	14:50	17:50	0	Good	Dry	2	S
Winter 2024/2025	HH1	HH Roost Watch	15/01/2025	BP&GP	14:50	17:50	0	Good	Dry	2	S
Winter 2024/2025	HH3	HH Roost Watch	16/01/2025	BP&GP	14:30	17:30	5	Good	Dry	5	S

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2024/2025	HH4	HH Roost Watch	16/01/2025	BP&GP	14:30	17:30	7	V.Good	Dry	4	S
Winter 2024/2025	HH11	HH Roost Watch	22/01/2025	KC	13:15	16:15	8	Fair	Dry	2	SW
Winter 2024/2025	HH12A	HH Roost Watch	22/01/2025	GP	14:45	17:45	7	Good	Drizzle	2	SW
Winter 2024/2025	HH5	HH Roost Watch	5/2/2025	BP	15:00	18:00	1	V.Good	Dry	2	SW
Winter 2024/2025	HH6	HH Roost Watch	5/2/2025	KC	15:00	18:00		V.Good	Dry	2	SW
Winter 2024/2025	HH16	HH Roost Watch	7/2/2025	GP	15:00	18:00	7	Good	Dry	2	NW
Winter 2024/2025	HH17	HH Roost Watch	7/2/2025	BP	15:00	18:00	7	Good	Dry	2	NE
Winter 2024/2025	HH7	HH Roost Watch	18/02/2025	KC&GP	15:30	18:30	8	Fair	Dry	5	SE
Winter 2024/2025	HH8	HH Roost Watch	18/02/2025	KC&GP	15:30	18:30	8	Good	Dry	5	SE

Season	VP	For Month	Date	Surveyor	Start	End	Cloud /8	Viewshed	Precipitation	Wind Speed (Beaufort)	Wind Direction
Winter 2024/2025	HH11	HH Roost Watch	2/3/2025	GP&BP	15.55	18:45	8	V.Good	Dry	3	W
Winter 2024/2025	HH12A	HH Roost Watch	2/3/2025	GP&BP	16:28	18:46	7	Good	Dry	3	SW
Winter 2024/2025	HH5	HH Roost Watch	15/03/2025	BP&GP	14:10	17:10	3	Good	Dry	2	NW
Winter 2024/2025	HH6A	HH Roost Watch	15/03/2025	BP&GP	14:10	17:10	3	Good	Dry	2	NW
Winter 2024/2025	HH3	HH Roost Watch	17/03/2025	KC&BP	16:15	19:15	8	Good	Dry	3	E
Winter 2024/2025	HH4	HH Roost Watch	17/03/2025	KC&BP	16:15	19:15	8	V.Good	Dry	4	E

FEHILY TIMONEY

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APPENDIX 7

Hinterland Survey effort

Season	Code	SiteName	Date	Month	Surveyor	Start	End	Cloud	Visibility	Precipitation	WindSpeed	WindDirection
Winter_2020_2021	1	Lisheen Mine Windfarm north	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Summer_2021	1	Lisheen Mine Windfarm north	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Winter_2021_2022	1	Lisheen Mine Windfarm north	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2021_2022	1	Lisheen Mine Windfarm north	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2021_2022	1	Lisheen Mine Windfarm north	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	1	Lisheen Mine Windfarm north	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	1	Lisheen Mine Windfarm north	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Summer_2022	1	Lisheen Mine Windfarm north	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	1	Lisheen Mine Windfarm north	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	1	Lisheen Mine Windfarm north	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	1	Lisheen Mine Windfarm north	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Summer_2023	1	Lisheen Mine Windfarm north	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	1	Lisheen Mine Windfarm north	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	1	Lisheen Mine Windfarm north	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2023_2024	1	Lisheen Mine Windfarm north	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	1	Lisheen Mine Windfarm north	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable
Winter_2023_2024	1	Lisheen Mine Windfarm north	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Summer_2024	1	Lisheen Mine Windfarm north	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	1	Lisheen Mine Windfarm north	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	1	Lisheen Mine Windfarm north	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	1	Lisheen Mine Windfarm north	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2020_2021	2	Lisheen Mine Windfarm north west	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2020_2021	2	Lisheen Mine Windfarm north west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N
Winter_2021_2022	2	Lisheen Mine Windfarm north west	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2022_2023	2	Lisheen Mine Windfarm north west	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2024_2025	2	Lisheen Mine Windfarm north west	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	2	Lisheen Mine Windfarm north west	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	2	Lisheen Mine Windfarm north west	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	2	Lisheen Mine Windfarm north west	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	2	Lisheen Mine Windfarm north west	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2020_2021	3	historic site 2.6 km south of 'Horse & Jockey' village	28-10-20	October	BP	16:25	17:45	6-7	V. Good	2 light showers	3	SW
Winter_2021_2022	3	Lisheen Mine Windfarm a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Summer_2022	3	Lisheen Mine Windfarm a)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	3	Lisheen Mine Windfarm a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	3	Lisheen Mine Windfarm a)	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW

Winter_2023_2024	3	Lisheen Mine Windfarm a)	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2020_2021	4	Lisheen Mine Windfarm b)	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2020_2021	5	Lisheen Mine Windfarm west	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW
Winter_2020_2021	5	Lisheen Mine Windfarm west	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	5	Lisheen Mine Windfarm west	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	5	Lisheen Mine Windfarm west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N
Winter_2020_2021	6	River Suir Upper	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	6	River Suir Upper	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	6	River Suir Upper	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2021_2022	6	River Suir Upper	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2022_2023	6	River Suir Upper	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	6	River Suir Upper	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	6	River Suir Upper	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	6	River Suir Upper	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	6	River Suir Upper	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	6	River Suir Upper	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	6	River Suir Upper	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Winter_2022_2023	6	River Suir Upper	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Winter_2023_2024	6	River Suir Upper	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	6	River Suir Upper	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	6	River Suir Upper	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	6	River Suir Upper	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE
Winter_2020_2021	7	River Suir Upper floodplain b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	7	River Suir Upper floodplain b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	7	River Suir Upper floodplain b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	7	River Suir Upper floodplain b)	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2021_2022	7	River Suir Upper floodplain b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2021_2022	7	River Suir Upper floodplain b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2022_2023	7	River Suir Upper floodplain b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	7	River Suir Upper floodplain b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	7	River Suir Upper floodplain b)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	7	River Suir Upper floodplain b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	7	River Suir Upper floodplain b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	7	River Suir Upper floodplain b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W

Winter_2023_2024	7	River Suir Upper floodplain b)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	7	River Suir Upper floodplain b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE
Winter_2024_2025	7	River Suir Upper floodplain b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	7	River Suir Upper floodplain b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	8	Cabragh Marshes a)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW
Winter_2021_2022	8	Cabragh Marshes a)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2021_2022	8	Cabragh Marshes a)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	8	Cabragh Marshes a)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	8	Cabragh Marshes a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2022	8	Cabragh Marshes a)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	8	Cabragh Marshes a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	8	Cabragh Marshes a)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Summer_2023	8	Cabragh Marshes a)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2023	8	Cabragh Marshes a)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW
Summer_2024	8	Cabragh Marshes a)	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Winter_2024_2025	8	Cabragh Marshes a)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2020_2021	9	Cabragh Marshes b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	9	Cabragh Marshes b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW

Winter_2020_2021	9	Cabragh Marshes b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW
Summer_2021	9	Cabragh Marshes b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Summer_2021	9	Cabragh Marshes b)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2021_2022	9	Cabragh Marshes b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	9	Cabragh Marshes b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	9	Cabragh Marshes b)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Summer_2022	9	Cabragh Marshes b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE
Summer_2022	9	Cabragh Marshes b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	9	Cabragh Marshes b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	9	Cabragh Marshes b)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	9	Cabragh Marshes b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	9	Cabragh Marshes b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Summer_2023	9	Cabragh Marshes b)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A
Winter_2023_2024	9	Cabragh Marshes b)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	9	Cabragh Marshes b)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE
Winter_2023_2024	9	Cabragh Marshes b)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW
Summer_2024	9	Cabragh Marshes b)	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2024	9	Cabragh Marshes b)	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Winter_2024_2025	9	Cabragh Marshes b)	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	9	Cabragh Marshes b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2024_2037	9	Cabragh Marshes a)	06-03-25	April	BP	07:15	11:35	3-7-3	V. Good	Dry	F3-5	SSW
Winter_2020_2021	10	Littleton North	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	10	Littleton North	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	10	Littleton North	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S

Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW
Winter_2021_2022	10	Littleton North	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W
Winter_2021_2022	10	Littleton North	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	10	Littleton North	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	10	Littleton North	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2021_2022	10	Littleton North	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	10	Littleton North	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Winter_2022_2023	10	Littleton North	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	10	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	10	Littleton North	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Summer_2023	10	Littleton North	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Winter_2023_2024	10	Littleton North	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	10	Littleton North	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	10	Littleton turlough/ pond	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	10	Littleton North	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	10	Littleton North	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	10	Littleton North	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	10	Littleton North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2024	10	Littleton North	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	10	Littleton North	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	10	Littleton North	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	10	Littleton North	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW
Winter_2024_2025	10	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	10	Littleton North	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Winter_2020_2021	11	Two Churches/Cheese factory	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	11	Two Churches/Cheese factory	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	11	Two Churches/Cheese factory	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	11	Two Churches/Cheese factory	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S
Winter_2020_2021	11	Two Churches/Cheese factory	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW
Winter_2021_2022	11	Two Churches/Cheese factory	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W

Winter_2021_2022	11	Two Churches/Cheese factory	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W
Winter_2021_2022	11	Two Churches/Cheese factory	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	11	Two Churches/Cheese factory	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2021_2022	11	Two Churches/Cheese factory	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Winter_2022_2023	11	Two Churches/Cheese factory	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	11	Two Churches/Cheese factory	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	11	Two Churches/Cheese factory	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	11	Two Churches/Cheese factory	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	11	Two Churches/Cheese factory	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	11	Two Churches/Cheese factory	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Winter_2023_2024	11	Two Churches/Cheese factory	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	11	Two Churches/Cheese factory	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	11	Two Churches/Cheese factory	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	11	Two Churches/Cheese factory	11-01-24	January	BP	13:15	14:15	7	V. Good	Dry	0	NE
Winter_2023_2024	11	Two Churches/Cheese factory	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	11	Two Churches/Cheese factory	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW
Summer_2024	11	Two Churches/Cheese factory	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Winter_2024_2025	11	Two Churches/Cheese factory	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	11	Two Churches/Cheese factory	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW
Winter_2024_2025	11	Two Churches/Cheese factory	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S
Winter_2024_2025	11	Two Churches/Cheese factory	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	11	Two Churches/Cheese factory	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2024_2025	11	Two Churches/Cheese factory	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Winter_2020_2021	12	Derricknew	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW
Winter_2020_2021	12	Derricknew	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2021_2022	12	Derricknew	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	12	Derricknew	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Summer_2023	12	Derricknew	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Winter_2020_2021	13	Killeen Bog	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW
Winter_2021_2022	13	Killeen Bog	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W
Winter_2020_2021	14	Killeen Bog from Derrynaflan Church	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW
Winter_2021_2022	14	Killeen Bog from Derrynaflan Church	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2020_2021	17	Gilmoy	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW

Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Summer_2021	17	Gilmoy	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	17	Gilmoy	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S
Winter_2021_2022	17	Gilmoy	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Winter_2022_2023	17	Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW
Winter_2023_2024	17	Gilmoy	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2023_2024	17	Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Winter_2024_2025	17	Gilmoy	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	17	Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	17	Gilmoy	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW

Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2020_2021	20	Castletown, north of Popes Bog	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW
Winter_2020_2021	20	Castletown, north of Popes Bog	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW
Summer_2021	20	Castletown, north of Popes Bog	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	20	Castletown, north of Popes Bog	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Summer_2022	20	Castletown, north of Popes Bog	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	20	Castletown, north of Popes Bog	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE
Summer_2022	20	Castletown, north of Popes Bog	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	20	Castletown, north of Popes Bog	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Summer_2023	20	Castletown, north of Popes Bog	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	20	Castletown, north of Popes Bog	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	20	Castletown, north of Popes Bog	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE

Summer_2023	20	Castletown, north of Popes Bog	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Winter_2023_2024	20	Castletown, north of Popes Bog	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	20	Castletown, north of Popes Bog	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E
Winter_2023_2024	20	Castletown, north of Popes Bog	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Summer_2024	20	Castletown, north of Popes Bog	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	20	Castletown, north of Popes Bog	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	20	Castletown, north of Popes Bog	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	20	Castletown, north of Popes Bog	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Winter_2024_2025	20	Castletown, north of Popes Bog	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW
Winter_2024_2025	20	Castletown, north of Popes Bog	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	20	Castletown, north of Popes Bog	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	20	Castletown, north of Popes Bog	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2024_2025	20	Castletown, north of Popes Bog		March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N
Summer_2021	22	The Loughane, Bailief	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	22	The Loughane, Bailief	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Winter_2022_2023	22	The Loughane, Bailief	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	22	The Loughane, Bailief	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Winter_2023_2024	22	The Loughane, Bailief	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	22	The Loughane, Bailief	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	22	The Loughane, Bailief	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	22	The Loughane, Bailief	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	22	The Loughane, Bailief	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE

Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E
Winter_2024_2025	23	Killeen Bog east	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Summer_2021	24	Littleton Castle	27-04-21	April	BP	06:05	06:30	8	V. Good	Dry	2	NW
Summer_2021	24	Littleton Castle	15-06-21	June	BP	12:00	14:20	6	V. Good	Dry	4	SW
Summer_2021	24	Littleton Castle	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	24	Littleton Castle	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW
Summer_2021	24	Littleton Castle	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S
Summer_2022	24	Littleton Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	24	Littleton Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2023	24	Littleton Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	24	Littleton Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	24	Littleton Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Winter_2023_2024	24	Littleton Castle	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Summer_2024	24	Littleton Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	24	Littleton Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Winter_2024_2025	24	Littleton Castle	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	24	Littleton Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2021_2022	25	Balief Castle	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2022	25	Balief Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	25	Balief Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	25	Balief Castle	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2022	25	Balief Castle	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S
Winter_2022_2023	25	Balief Castle	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	25	Balief Castle	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW
Summer_2023	25	Balief Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Winter_2023_2024	25	Balief Castle	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2023_2024	25	Balief Castle	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE
Winter_2023_2024	25	Balief Castle	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W
Winter_2024_2025	25	Balief Castle	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	25	Balief Castle	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	25	Balief Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Summer_2021	26	Foulkscourt Johnstown Castle near	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	26	Foulkscourt Johnstown Castle near	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW
Summer_2021	26	Foulkscourt Johnstown Castle near	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Summer_2022	26	Foulkscourt Johnstown Castle near	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	26	Foulkscourt Johnstown Castle near	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	26	Foulkscourt Johnstown Castle near	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW

Summer_2022	26	Foulkscourt Johnstown Castle near	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	26	Foulkscourt Johnstown Castle near	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW
Summer_2023	26	Foulkscourt Johnstown Castle near	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	26	Foulkscourt Johnstown Castle near	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	26	Foulkscourt Johnstown Castle near	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2023	26	Foulkscourt Johnstown Castle near	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	26	Foulkscourt Johnstown Castle near	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable
Winter_2023_2024	26	Foulkscourt Johnstown Castle near	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Summer_2024	26	Foulkscourt Johnstown Castle near	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	26	Foulkscourt Johnstown Castle near	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	26	Foulkscourt Johnstown Castle near	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	26	Foulkscourt Johnstown Castle near	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	26	Foulkscourt Johnstown Castle near	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W
Summer_2024	26	Foulkscourt Johnstown Castle near	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Winter_2024_2025	26	Foulkscourt Johnstown Castle near	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	26	Foulkscourt Johnstown Castle near	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Summer_2021	27	Bawnmore a)	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE
Summer_2021	27	Bawnmore a)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	27	Bawnmore a)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W
Winter_2021_2022	27	Bawnmore a)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W
Winter_2022_2023	27	Bawnmore a)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W
Winter_2022_2023	27	Bawnmore a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Summer_2023	27	Bawnmore a)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	27	Bawnmore a)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	27	Bawnmore a)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2023	27	Bawnmore a)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Summer_2024	27	Bawnmore a)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	27	Bawnmore a)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	27	Bawnmore a)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	27	Bawnmore a)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Winter_2024_2025	27	Bawnmore a)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE
Winter_2024_2025	27	Bawnmore a)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2024_2025	27	Bawnmore a)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Summer_2021	28	Bawnmore c)	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE

Summer_2021	28	Bawnmore c)	18-08-21	August	BP	17:15	18:00	6-7	V. Good	Dry	1	W
Summer_2021	28	Bawnmore c)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Summer_2021	28	Bawnmore c)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Winter_2021_2022	28	Bawnmore c)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2022	28	Bawnmore c)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	28	Bawnmore c)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	28	Bawnmore c)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE
Winter_2022_2023	28	Bawnmore c)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	28	Bawnmore c)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2023	28	Bawnmore c)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	28	Bawnmore c)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE
Winter_2023_2024	28	Bawnmore c)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE
Winter_2023_2024	28	Bawnmore c)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E
Winter_2023_2024	28	Bawnmore c)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	28	Bawnmore c)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE
Winter_2024_2025	28	Bawnmore c)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	28	Bawnmore c)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2024_2025	28	Bawnmore c)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Summer_2021	29	Moyneard	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE
Summer_2021	29	Moyneard	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2023	30	Boulick Castle	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2021	31	Inch Bog by Drish/Black River	07-05-21	May	BP	11:40	12:30	6	V. Good	Dry	3	SE

Summer_2021	32	Boulick Graveyard & folly	07-05-21	May	BP	11:40	12:30	6	V. Good	Dry	3	SE
Summer_2021	32	Boulick Graveyard & folly	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S
Summer_2022	32	Boulick Graveyard & folly	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	32	Boulick Graveyard & folly	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2023	32	Boulick Graveyard & folly	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	32	Boulick Graveyard & folly	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2024	32	Boulick Graveyard & folly	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W
Summer_2024	32	Boulick Graveyard & folly	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	32	Boulick Graveyard & folly	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	32	Boulick Graveyard & folly	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2024	32	Boulick Graveyard & folly	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	32	Boulick Graveyard & folly	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	32	Boulick Graveyard & folly		January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Winter_2024_2025	32	Boulick Graveyard & folly		January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S
Summer_2021	33	Rathpatrick near Laois boarder	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	34	Rahelty Castle	09-07-21	July	BP	14:20	16:15	8	V. Good	Dry	3	S
Summer_2022	34	Rahelty Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	34	Rahelty Castle	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	34	Rahelty Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2023	34	Rahelty Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	34	Rahelty Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	34	Rahelty Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	34	Rahelty Castle	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Winter_2023_2024	34	Rahelty Castle	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW
Summer_2024	34	Rahelty Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	34	Rahelty Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	34	Rahelty Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	34	Rahelty Castle	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Winter_2024_2025	34	Rahelty Castle	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S
Winter_2024_2025	34	Rahelty Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	34	Rahelty Castle	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW
Summer_2021	35	Killough Roadstone	18-06-21	June	BP	15:45	17:50	5-6	V. Good	Dry	1	N
Summer_2021	35	Killough Roadstone	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW
Summer_2021	35	Killough Roadstone	25-07-21	July	BP	14:35	16:10	2	V. Good	Dry	2	NW
Summer_2021	35	Killough Roadstone	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Summer_2022	35	Killough Roadstone	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	35	Killough Roadstone	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S
Summer_2022	35	Killough Roadstone	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	35	Killough Roadstone	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2023	35	Killough Roadstone	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW

Summer_2023	35	Killough Roadstone	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2024	35	Killough Roadstone	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	35	Killough Roadstone	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	35	Killough Roadstone	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	35	Killough Roadstone	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2023	36	Grallagh Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	36	Killough Quarry	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2024	36	Gralagh Castle	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2021	37	Laffansbridge Quarry	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW
Summer_2022	37	Laffansbridge Quarry	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	37	Laffansbridge Quarry	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2022	37	Laffansbridge Quarry	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Summer_2023	37	Laffensbridge quarry	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW
Summer_2023	37	Laffansbridge Quarry	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	37	Laffansbridge Quarry	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	37	Laffansbridge Quarry	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2024	37	Laffansbridge Quarry	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	37	Laffansbridge Quarry	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	37	Laffansbridge Quarry	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2021	38	Graystown Castle	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	38	Graystown Castle	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW
Summer_2021	38	Graystown Castle	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S
Summer_2022	38	Graystown Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W
Summer_2022	38	Graystown Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	38	Graystown Castle	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2022	38	Graystown Castle	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Summer_2023	38	Graystone Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	38	Graystown Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	38	Graystown Castle	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2024	38	Graystown Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	38	Graystown Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	38	Graystown Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	38	Graystown Castle	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2021	41	Ballynonty/ Ballysloe	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W
Winter_2021_2022	42	St. Peter's Moycarkey, Horse & Jockey North	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW
Summer_2024	42	St. Peter's Moycarkey, Horse & Jockey North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW
Summer_2022	43	Littleton Bog on site near Two Churches	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW

Summer_2022	43	Littleton Bog on site near Two Churches	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Summer_2023	43	Littleton Bog on site near Two Churches	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	43	Two Mile Borris	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	43	Two Mile Borris	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2024	43	Two Mile Borris Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	43	Two Mile Borris Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	43	Two Mile Borris Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Winter_2022_2023	10A	Littleton North	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE
Winter_2022_2023	10A	Littleton North	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	10B	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW
Winter_2022_2023	10B	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	10B	Littleton North	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Winter_2023_2024	10B	Littleton North	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	10B	Littleton North	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	10B	Littleton North	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW
Winter_2024_2025	10B	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	10B	Littleton North	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	10B	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE
Winter_2020_2021	17a	Rossdarragh north of Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate-V. Good	Dry	2	E
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Winter_2024_2025	17A	Rossdarragh north of Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	17A	Rossdarragh north of Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2020_2021	19 (HH)	Bruckana Windfarm	25-11-20	November	BP	15:25	17:05	0	V.Good	Dry	1	NW
Winter_2021_2022	1A	Lisheen Tailing Ponds HH Watch	16-12-21	December	BP	15:45	17:10	8	V. Good	Dry	1	S
Summer_2023	1A	Lisheen Tailing Ponds HH Watch	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Summer_2023	1A	Lisheen Tailing Ponds HH Watch	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E

Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Summer_2024	1A	Lisheen Tailing Ponds HH Watch	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2020_2021	23 (HH)	Killeens	17-03-21	March	BP	17:50	19:20	0	V. Good	Dry	1	NW
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S
Summer_2021	27A	Bawnmore b)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W
Summer_2021	27A	Bawnmore b)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW
Summer_2021	27A	Bawnmore b)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W
Winter_2021_2022	27A	Bawnmore b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW
Summer_2022	27A	Bawnmore b)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW
Summer_2022	27A	Bawnmore b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW
Winter_2022_2023	27A	Bawnmore b)	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S
Winter_2022_2023	27A	Bawnmore b)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE
Winter_2022_2023	27A	Bawnmore b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW
Summer_2023	27A	Bawnmore b)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2023	27A	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	27A	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE
Winter_2023_2024	27A	Bawnmore b)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE
Winter_2023_2024	27A	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E
Winter_2023_2024	27A	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	27A	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Summer_2024	27A	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	27A	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Summer_2024	27A	Bawnmore b)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE
Winter_2024_2025	27A	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	27A	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE

Winter_2024_2025	27A	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2024_2025	27A	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Summer_2023	27B	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE
Summer_2023	27B	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE
Summer_2023	27B	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW
Winter_2023_2024	27B	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE
Winter_2023_2024	27B	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E
Winter_2023_2024	27B	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2023_2024	27B	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN
Summer_2024	27B	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW
Summer_2024	27B	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE
Summer_2024	27B	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW
Summer_2024	27B	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW
Winter_2024_2025	27B	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE
Winter_2024_2025	27B	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW
Winter_2024_2025	27B	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	27B	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2024_2025	27B	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Winter_2023_2024	27C	Bawnmore b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE
Winter_2023_2024	27C	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E
Winter_2023_2024	27C	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2024_2025	27C	Bawnmore b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW
Winter_2024_2025	27C	Bawnmore b)	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S
Winter_2024_2025	27C	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Winter_2024_2025	27C	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Winter_2024_2025	3 & 4	Lisheen Mine Windfarm a)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW
Summer_2021	37A	Laffansbridge Quarry b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E
Winter_2024_2025	4A	Lisheen Mine Windfarm a)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E
Winter_2024_2025	6 & 6A	River Suir Upper floodplain a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S
Winter_2024_2025	6 & 6A	River Suir Upper floodplain a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE
Summer_2021	6A	River Suir Upper floodplain a)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W
Winter_2023_2024	6A	River Suir Upper floodplain a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW
Winter_2023_2024	6A	River Suir Upper floodplain a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW
Winter_2020_2021	HH	Templetouhy Bog	15-12-20	December	BP	15:15	16:54	3/8-7/8	V.Good	Dry	3	SW
Winter_2020_2021	HVP44	Ballybeg Bog	07-11-20	OCTOBER	GP	08:10	11:10	8	Yes	Dry	2	E
Winter_2020_2021	HVP44	Ballybeg Bog	21-11-20	NOVEMBER	GP	08:50	11:50	8	Yes	Dry	1	SW
Winter_2020_2021	HVP44	Ballybeg Bog	25-11-20	NOVEMBER	GP	07:17	10:20	2	Yes	Dry	0	none
Winter_2020_2021	HVP44	Ballybeg Bog	02-12-20	DECEMBER	GP	10:30	13:30	2	Yes	Dry	2	W
Winter_2020_2021	HVP44	Ballybeg Bog	12-12-20	DECEMBER	GP	12:45	15:45	1	Yes	Dry	1	SW
Winter_2020_2021	HVP44	Ballybeg Bog	05-01-21	JANUARY	GP	10:00	13:00	4	Yes	no info	2	NE

Winter_2020_2021	HVP44	Ballybeg Bog	23-01-21	JANUARY	GP	09:30	12:30	2	Yes	Dry	1	NW
Winter_2020_2021	HVP44	Ballybeg Bog	03-02-21	FEBRUARY	GP	12:40	15:40	8	Yes	showers	3	S
Winter_2020_2021	HVP44	Ballybeg Bog	15-02-21	FEBRUARY	GP	13:10	16:10	7	Yes	no info	3	S
Winter_2020_2021	HVP44	Ballybeg Bog	04-03-21	MARCH	GP	12:10	15:10	8	Yes	Dry	1	NE
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW
Summer_2021	HVP44	Ballybeg Bog	10-04-21	APRIL	GP	12:50	15:50	4	Yes	Dry	2	NW
Summer_2021	HVP44	Ballybeg Bog	16-04-21	APRIL	GP	14:00	17:00	7	Yes	Dry	4	SE
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N
Summer_2021	HVP44	Ballybeg Bog	08-05-21	MAY	GP	10:15	13:15	6	Yes	Dry	3	SE
Summer_2021	HVP44	Ballybeg Bog	10-06-21	JUNE	GP	13:50	16:50	7	Yes	Dry	3	S
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW
Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE
Summer_2021	HVP44	Ballybeg Bog	02-07-21	JULY	GP	09:10	12:10	8	Yes	Dry	1	NE
Summer_2021	HVP44	Ballybeg Bog	04-08-21	AUGUST	GP	13:45	16:45	4	Yes	Dry	4	S
Summer_2021	HVP44	Ballybeg Bog	21-08-21	AUGUST	GP	13:40	16:40	4	Yes	Dry	2	SW
Summer_2021	HVP44	Ballybeg Bog	11-09-21	SEPTEMBER	GP	14:00	17:00	7	Yes	Dry	1	W
Summer_2021	HVP44	Ballybeg Bog	22-09-21	SEPTEMBER	GP	13:30	16:30	6	Yes	Dry	2	SW
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE
Winter_2021_2022	HVP44	Ballybeg Bog	31-12-21	DECEMBER	KC	10:00	13:00	1	Yes	Dry	3	S
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW
Winter_2021_2022	HVP44	Ballybeg Bog	25-01-22	JANUARY	KC	09:30	12:30	8	Yes	Dry	1	S
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W

Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S
Winter_2022_2023	HVP44	Ballybeg Bog	14-10-22	OCTOBER	KC	14:15	17:15	5	Yes	Dry	2	SW
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S
Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW
Winter_2022_2023	HVP44	Ballybeg Bog	05-02-23	FEBRUARY	KC	10:00	13:00	1	Yes	Dry	1	S
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	12:30	15:30	2	Yes	Dry	2	E
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W
Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W
Summer_2023	HVP44	Ballybeg Bog	15-08-23	AUGUST	KC	13:00	16:00	7	Yes	Dry	2	NW
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE
Winter_2023_2024	HVP44	Ballybeg Bog	07-11-23	NOVEMBER	KC	09:00	12:00	1	Yes	Dry	2	W
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW
Winter_2023_2024	HVP44	Ballybeg Bog	09-12-23	DECEMBER	KC	13:00	16:00	6	Yes	Dry	4	W
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW
Winter_2023_2024	HVP44	Ballybeg Bog	11-01-24	JANUARY	KC	10:45	13:45	7	Yes	Dry	1	NE
Winter_2023_2024	HVP44	Ballybeg Bog	18-01-24	JANUARY	KC	13:00	16:00	0	Yes	Dry	2	NW

Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW
Summer_2024	HVP44	Ballybeg Bog	19-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 17:13	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2	
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:23		GP	10:30	13:30	4	Yes	Dry	4	
Winter_2024_2025	HVP44	Ballybeg Bog	06/02/2025, 10:15		KC	09:45	12:45	1	Yes	Dry	2	
Summer_2024	HVP44	Ballybeg Bog	08/07/2024, 15:31	JULY	BP	07:00	10:00	7	Yes	Dry	1	
Summer_2024	HVP44	Ballybeg Bog	09/07/2024, 14:53		BP	07:00	10:00	7	Yes	Dry	1	
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 15:08		BP	09:30	12:30	6	Yes	Dry	2	
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 12:03		KC	11:30	14:30	7	Yes	Dry	2	
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 16:05		KC	13:30	16:30	3	Yes	Dry	2	
Summer_2024	HVP44	Ballybeg Bog	19/09/2024, 14:25									
Winter_2024_2025	HVP44	Ballybeg Bog	19/12/2024, 12:10									
Winter_2024_2025	HVP44	Ballybeg Bog	20/01/2025, 13:44									
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 13:01									
Summer_2024	HVP44	Ballybeg Bog	24/06/2024, 13:33		BP	10:30	13:30	7	Yes	Dry	4	
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 15:34									
Summer_2024	HVP44	Ballybeg Bog	26/06/2024, 12:48		BP	10:30	13:30	7	Yes	Dry	4	
Winter_2024_2025	HVP44	Ballybeg Bog	27/11/2024, 13:34									
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 13:55									

Summer_2024	HVP44	Ballybeg Bog	30/07/2024, 14:09									
Winter_2024_2025	HVP44	Ballybeg Bog	31/03/2025, 07:44									
Winter_2020_2021	HVP44	Ballybeg Bog	26-10-20	OCTOBER	GP	08:30	11:30	0	Yes	Dry	3	SW
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE
Summer_2021	HVP45	Popes Bog (N)	06-05-21	MAY	BP	10:00	13:00	4	Yes	Dry	3	NE
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE
Summer_2021	HVP45	Popes Bog (N)	03-06-21	JUNE	BP	09:45	12:45	8	Yes	Dry	5	S
Summer_2021	HVP45	Popes Bog (N)	05-08-21	August	BP	06:05	08:10	8	V. Good	Dry	3	Not recorded
Winter_2021_2022	HVP45	Popes Bog (N)	27-01-22	JANUARY	BP	07:50	10:50	7	Yes	Dry	2	NW
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1
Winter_2022_2023	HVP45	Popes Bog (N)	03-03-23	Spring Migration	BP	15:15	18:15	8	Yes	Dry	1	NE
Winter_2022_2023	HVP45	Popes Bog (N)	26-03-23	MARCH	BP	10:40	13:40	8	Yes	Dry	3	N
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S
Summer_2023	HVP45	Popes Bog (N)	05-04-23	April	BP	19:40	21:00	7	V. Good	Dry	2	NW
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	08:30	11:30	5	Yes	Dry	2	NE
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable
Summer_2024	HVP45	Popes Bog (N)	24-04-24	APRIL	BP	07:50	10:50	6	Yes	Dry	2	NW
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	20:00	22:05	4	V. Good	Dry	2	not recorded

Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	22:20	22:45	4	V. Good	Dry	2	not recorded
Summer_2024	HVP45	Popes Bog (N)	10-05-24	MAY	BP	10:30	13:30	1	Yes	Dry	3	SE
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded
Summer_2024	HVP45	Popes Bog (N)	08/07/2024, 13:39									
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2
Summer_2023	HVP46	Pope's Bog (South)	05-04-23	April	BP	19:40	21:00	7	Good	Dry	2	NW
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W
Summer_2024	HVP46	Pope's Bog (South)	08-05-24	May	BP	22:20	22:45	4	V. Good	Dry	2	not recorded
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	11:15	14:15	3	Yes	Dry	2	W
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	08:40	11:40	5	Yes	drizzle	1	E
Summer_2021	HVP47	Inch Bog	13-04-21	APRIL	BP	12:40	15:40	5	Yes	Dry	1	NE
Summer_2021	HVP47	Inch Bog	13-04-21	APRIL	BP	12:40	15:40	5	Yes	Dry	1	NE
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE
Autumn_Migration_202	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW
Autumn_Migration_202	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW
Winter_2021_2022	HVP47	Inch Bog	21-12-21	NOVEMBER	KC	08:50	11:50	8	Yes	Dry	1	SE

Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW
Winter_2021_2022	HVP47	Inch Bog	13-01-22	DECEMBER	KC	12:00	15:00	8	Yes	Dry	1	S
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW
Winter_2022_2023	HVP47	Inch Bog	16-11-22	NOVEMBER	KC	08:15	11:15	1	Yes	Dry	1	SE
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S
Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW

Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 13:28									
Summer_2024	HVP47	Inch Bog	13/07/2024, 15:45									
Summer_2024	HVP47	Inch Bog	20/08/2024, 11:20									
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:46									
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW
Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW
Winter_2020_2021	HVP48	Inchirourke	28-10-20	OCTOBER	BP	06:47	09:47	7	Yes	occ. Short showers	4	SW
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW
Winter_2020_2021	HVP48	Inchirourke	15-12-20	DECEMBER	BP	11:30	14:30	4	Yes	Dry	3	SW
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E
Winter_2020_2021	HVP48	Inchirourke	15-02-21	FEBRUARY	BP	11:20	14:20	4	Yes	Dry	5	SW
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N
Summer_2022	HVP48	Inchirourke	01-04-21	APRIL	BP	06:45	09:45	0	Yes	Dry	1	N

Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW
Summer_2021	HVP48	Inchirourke	16-04-21	APRIL	BP	12:10	15:10	8	Yes	Dry	4	S
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW
Summer_2021	HVP48	Inchirourke	24-07-21	JULY	BP	11:00	14:00	2	Yes	Dry	2	NE
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW
Summer_2021	HVP48	Inchirourke	03-09-21	SEPTEMBER	BP	06:25	09:25	8	Yes	Dry	1	NE
Summer_2021	HVP48	Inchirourke	22-09-21	SEPTEMBER	BP	12:35	15:35	8	Yes	Dry	3	SW
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW
Autumn_Migration_202	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW
Autumn_Migration_202	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W
Winter_2021_2022	HVP48	Inchirourke	18-11-21	NOVEMBER	BP	08:30	11:30	8	Yes	Dry	3	SW
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW
Winter_2021_2022	HVP48	Inchirourke	21-02-22	FEBRUARY	BP	07:00	10:00	8	Yes	Dry	6	NW
Winter_2021_2022	HVP48	Inchirourke	22-02-22	FEBRUARY	BP	12:10	15:10	7	Yes	occasional showers	4	NW
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE
Spring_Migration_2022	HVP48	Inchirourke	10-03-22	MIGRATION	BP	10:45	13:45	7	Yes	Dry	5	SE
Winter_2021_2022	HVP48	Inchirourke	17-03-22	MARCH	BP	13:10	16:10	7	Yes	one shower	4	W
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	6	Yes	Dry	3	NW
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW
Summer_2022	HVP48	Inchirourke	09-09-22	SEPTEMBER	BP	15:30	18:30	7	Yes	Dry	3	NW
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW
Winter_2022_2023	HVP48	Inchirourke	17-11-22	NOVEMBER	BP	10:45	13:45	2	Yes	Dry	2	NW
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W
Winter_2022_2023	HVP48	Inchirourke	03-12-22	DECEMBER	BP	07:40	10:40	6	Yes	Dry, light mist	1	NE
Winter_2022_2023	HVP48	Inchirourke	04-12-22	DECEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE
Winter_2022_2023	HVP48	Inchirourke	01-01-23	JANUARY	BP	08:40	11:40	8	Yes	Dry-Rain	3	SW
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW
Winter_2022_2023	HVP48	Inchirourke	09-02-23	FEBRUARY	BP	14:00	17:00	7	Yes	Dry	2	W

Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW
Winter_2023_2024	HVP48	Inchirourke	08-12-23	DECEMBER	BP	13:15	16:15	7	Yes	Dry	4	SW
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE
Winter_2023_2024	HVP48	Inchirourke	12-01-24	JANUARY	BP	11:25	14:25	8	Yes	Dry	1	NE
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	16:30	19:30	6	Yes	one short shower	4	NW
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW
Spring_Migration_2025	HVP48	Inchirourke	04-03-25	Spring Migration	BP	13:45	16:45	7-6	Yes	Dry	F4	SW
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E
Summer_2024	HVP48	Inchirourke	01/08/2024, 08:16									
Summer_2024	HVP48	Inchirourke	07/08/2024, 17:46									

Summer_2024	HVP48	Inchirourke	08/07/2024, 14:07								
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:14								
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:42								
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA
Summer_2024	HVP48	Inchirourke	30/08/2024, 11:30								
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA

Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	11:30	14:30	3	Yes	Dry	1	SW
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW

Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	06:45	09:45	8	Yes	occasional drizzle/showers	2	SW
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW
Winter_2021_2022	HVP49	Derryfadda	10-10-21	OCTOBER	BP	07:13	10:13	8	Yes	Dry	1	NW
Autumn_Migration_202	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW
Autumn_Migration_202	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE
Winter_2021_2022	HVP49	Derryfadda	28-01-22	JANUARY	BP	14:30	17:30	8	Yes	Dry	4	SW
Winter_2021_2022	HVP49	Derryfadda	31-01-22	JANUARY	BP	14:40	17:40	8	Yes	occ. drizzle	3	NW
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	06:28	09:28	8	Yes	showers	5	SE
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW

Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W
Winter_2022_2023	HVP49	Derryfadda	17-11-22	NOVEMBER	BP	07:15	10:15	6	Yes	Dry	1	NW
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE
Winter_2023_2024	HVP49	Derryfadda	14-11-23	NOVEMBER	BP	07:10	10:10	7	Yes	occ. Showers	3	W
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N
Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW

Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E
Summer_2024	HVP49	Derryfadda	01/09/2024, 12:01		B Porter							
Summer_2024	HVP49	Derryfadda	10/08/2024, 07:26									
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:50									
Winter_2024_2025	HVP49	Derryfadda	23/10/2024, 07:59									
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:44									
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW
Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW
Winter_2020_2021	HVP50	Clonsaul	30-12-20	DECEMBER	LB	09:00	15:30	4	Yes	Dry	0	none
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE
Summer_2021	HVP50	Clonsaul	18-08-21	AUGUST	BP	14:00	17:00	7	Yes	Dry	2	SW
Summer_2021	HVP50	Clonsaul	19-08-21	AUGUST	BP	10:25	13:25	8	Yes	light showers	2	SW
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	2	NE

Winter_2021_2022	HVP50	Clonsaul	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW
Winter_2021_2022	HVP50	Clonsaul	11-10-21	OCTOBER	BP	07:15	10:15	7	Yes	Dry, early mist clears	1	NW
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW
Autumn_Migration_2021	HVP50	Clonsaul	22-10-21	MIGRATION	BP	11:00	14:00	8	Yes	Dry	2	W
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW
Winter_2021_2022	HVP50	Clonsaul	18-12-21	DECEMBER	BP	08:45	11:45	8	Yes	occ. drizzle	2	SE
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	11:30	14:30	7	Yes	Dry-drizzle showers	4	SW
Winter_2021_2022	HVP50	Clonsaul	22-02-22	FEBRUARY	BP	08:30	11:30	3	Yes	Dry	4	NW
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW
Winter_2021_2022	HVP50	Clonsaul	10-03-22	MARCH	BP	14:30	17:30	5	Yes	Dry	5	SE
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	Dry	4	SW
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	16:00	19:00	0	Yes	Dry	1	Not recorded
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	10:50	13:50	7	Yes	Dry	1	none
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW
Winter_2022_2023	HVP50	Clonsaul	16-11-22	NOVEMBER	BP	07:15	10:15	1	Yes	Dry	0	SE
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S
Winter_2022_2023	HVP50	Clonsaul	01-12-22	DECEMBER	BP	14:00	17:00	6	Yes	Dry	3	SE
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE
Winter_2022_2023	HVP50	Clonsaul	01-01-23	JANUARY	BP	12:15	15:15	8	Yes	Dry	4	SW
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S

Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S
Winter_2023_2024	HVP50	Clonsaul	15-11-23	NOVEMBER	BP	07:14	10:14	6	Yes	Dry	2	W
Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	11:30	14:30	8	Yes	one shower	5	SW
Winter_2023_2024	HVP50	Clonsaul	11-01-24	JANUARY	BP	09:45	12:45	7	Yes	Dry	2	NE
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW
Winter_2023_2024	HVP50	Clonsaul	23-03-24	Spring Migration	BP	11:15	14:15	6	Yes	Dry	4	NW
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW
Summer_2024	HVP50	Clonsaul	01/08/2024, 15:14	April	BP							
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 16:52	July	BP							
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 11:36	May	BP							
Summer_2024	HVP50	Clonsaul	08/07/2024, 13:37	April	BP							
Summer_2024	HVP50	Clonsaul	30/08/2024, 17:08	July	BP							

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APPENDIX 8

Vantage Point (VP) Flight Line Maps

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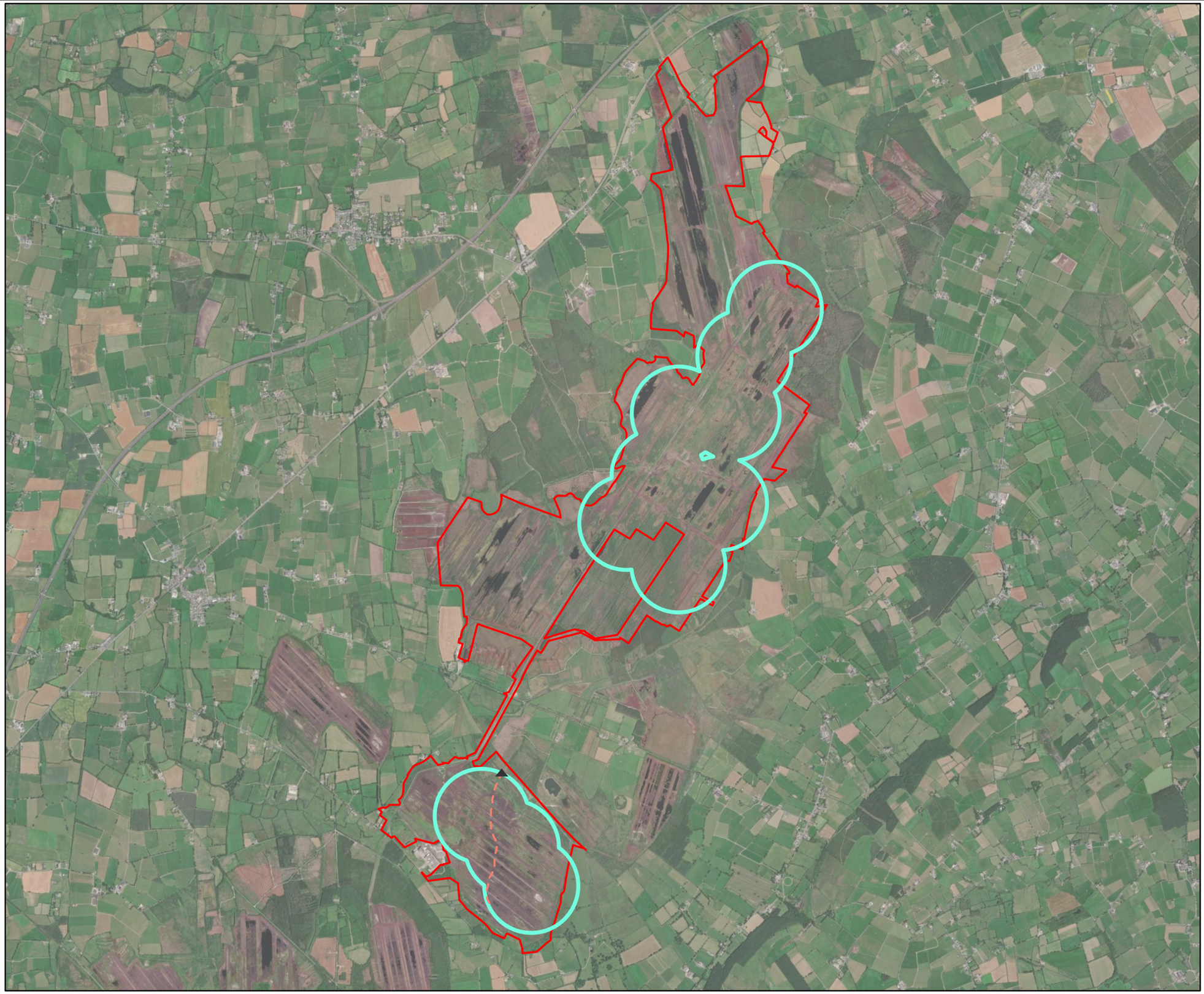

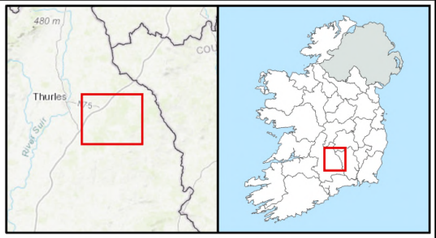

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2024

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TITLE: Black-tailed Godwit - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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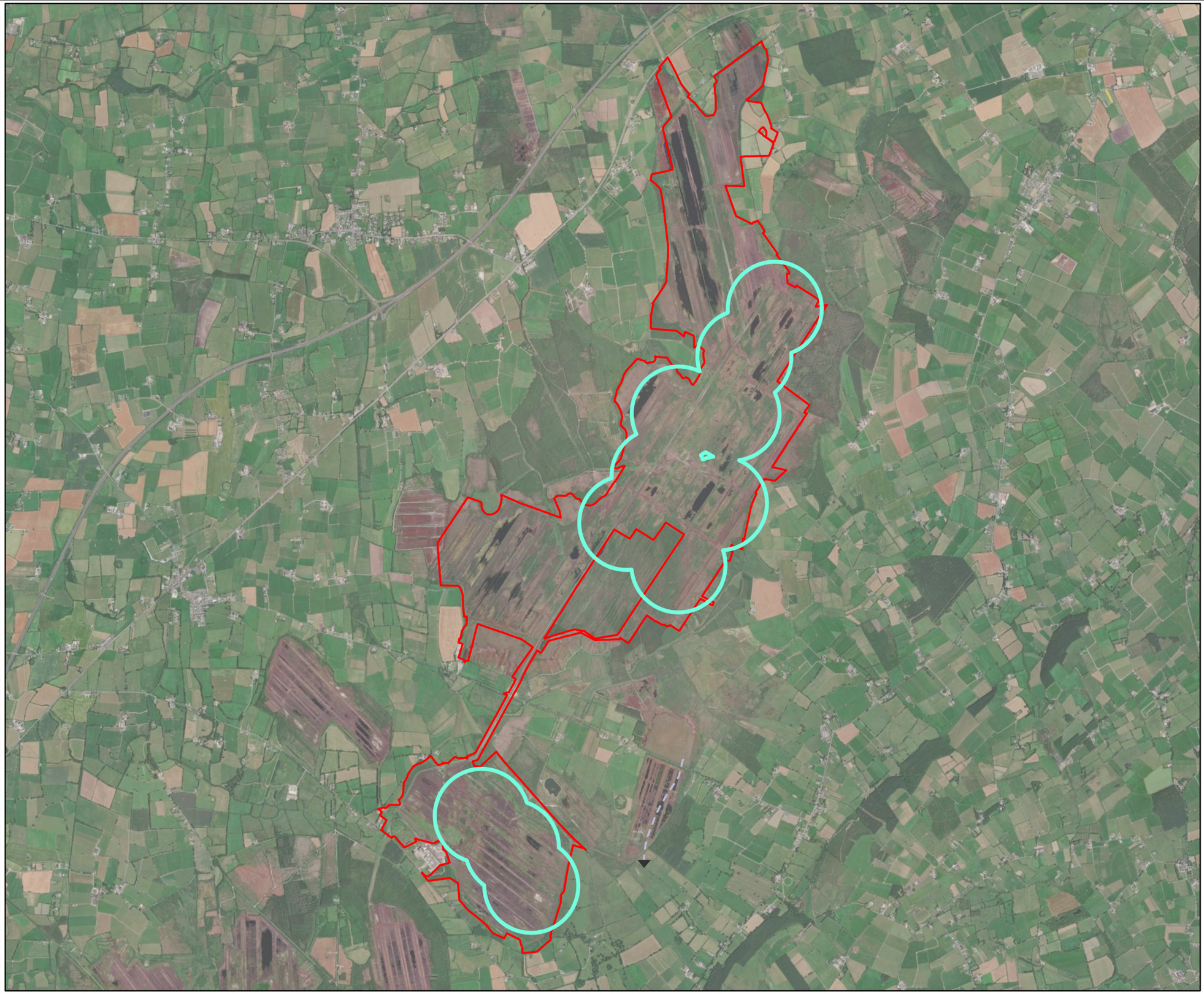
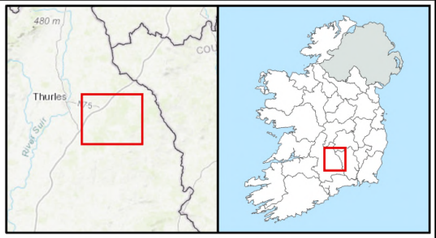
World Imagery: Earthstar Geographics





Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023

TITLE:	Brent Goose - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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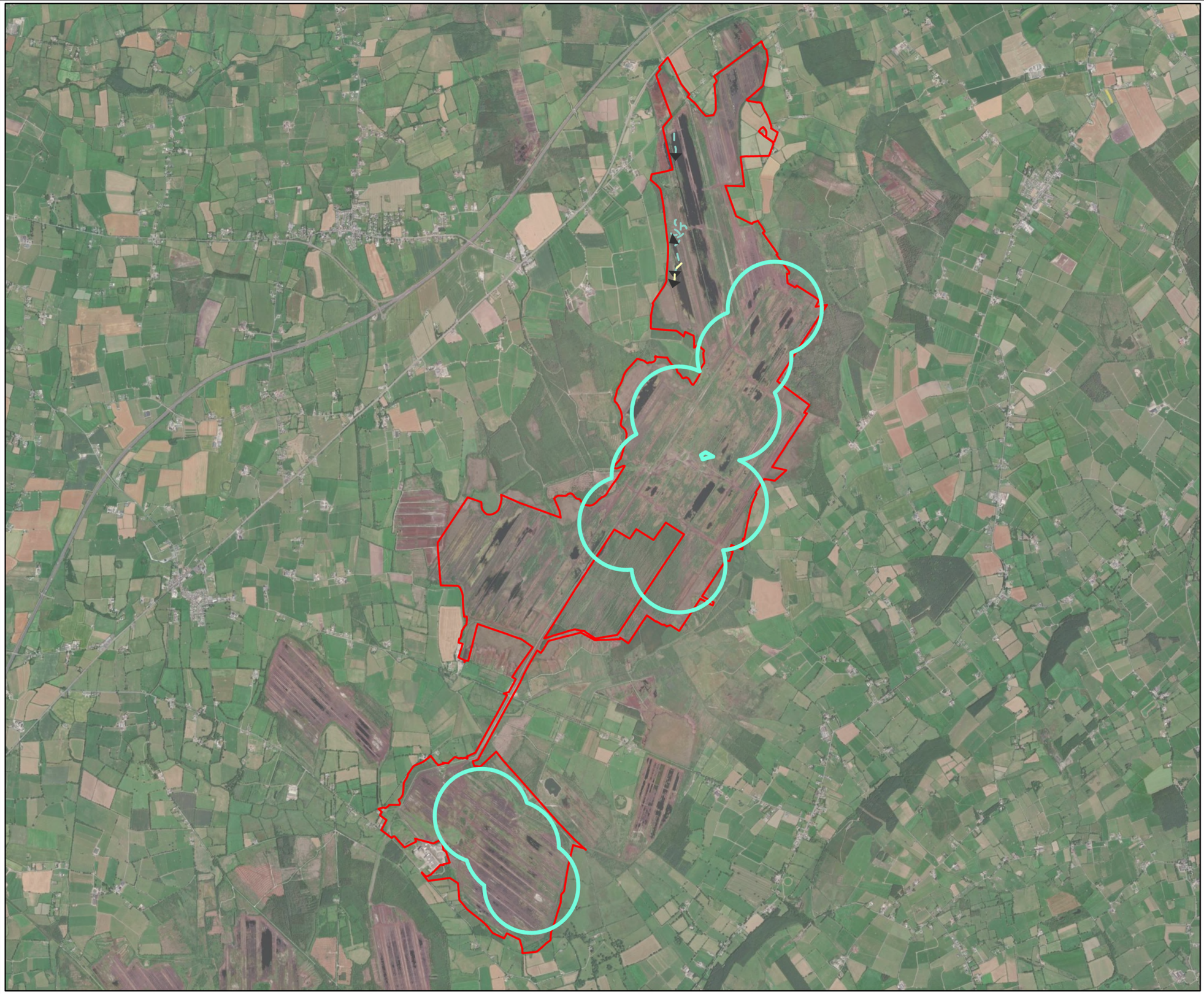

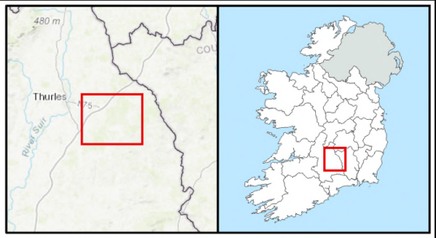

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022

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TITLE: Common Sandpiper - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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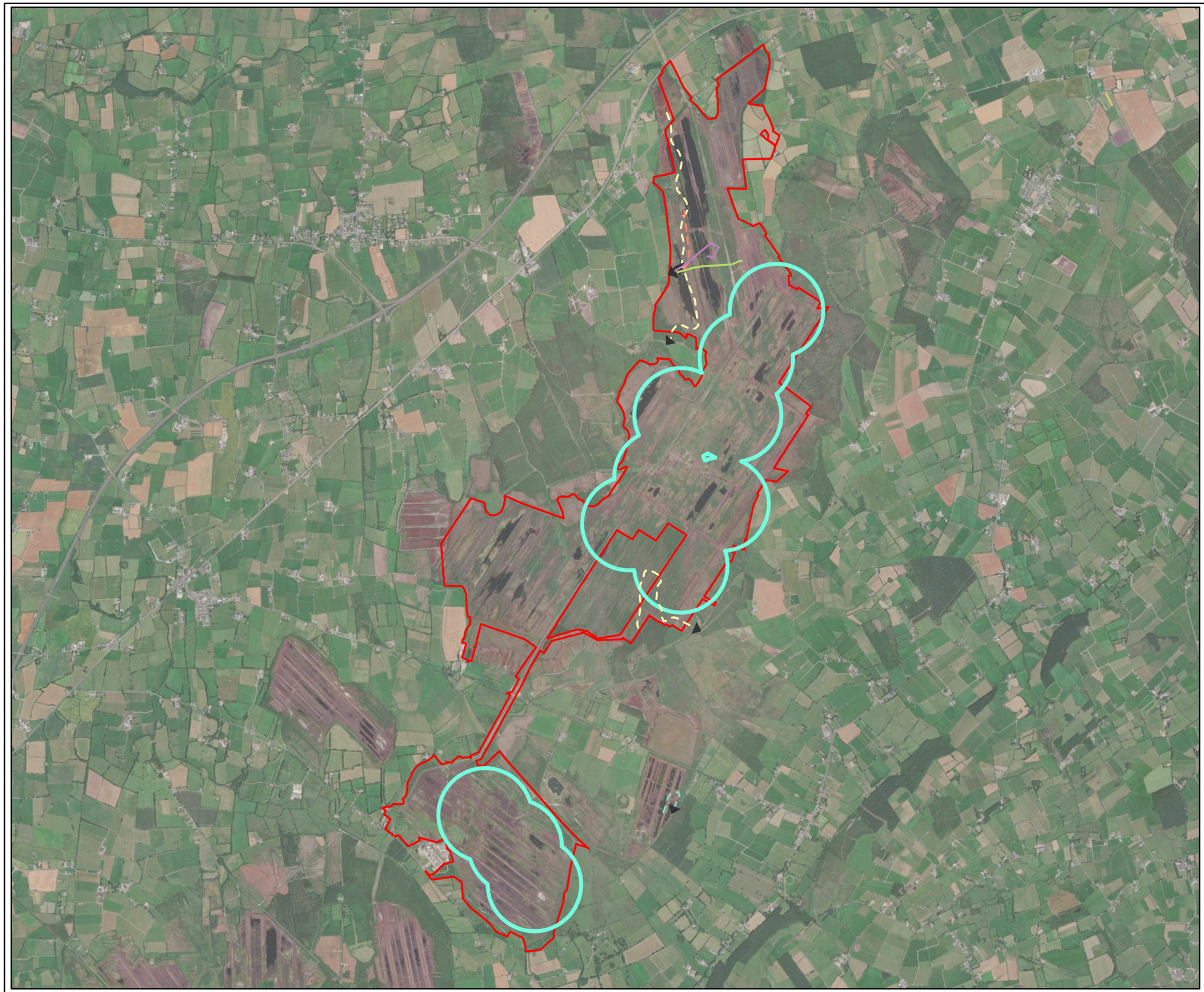

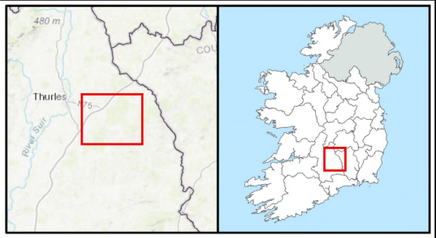

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2024
- Winter 2021/2022
- Winter 2024/2025

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TITLE:	Cormorant - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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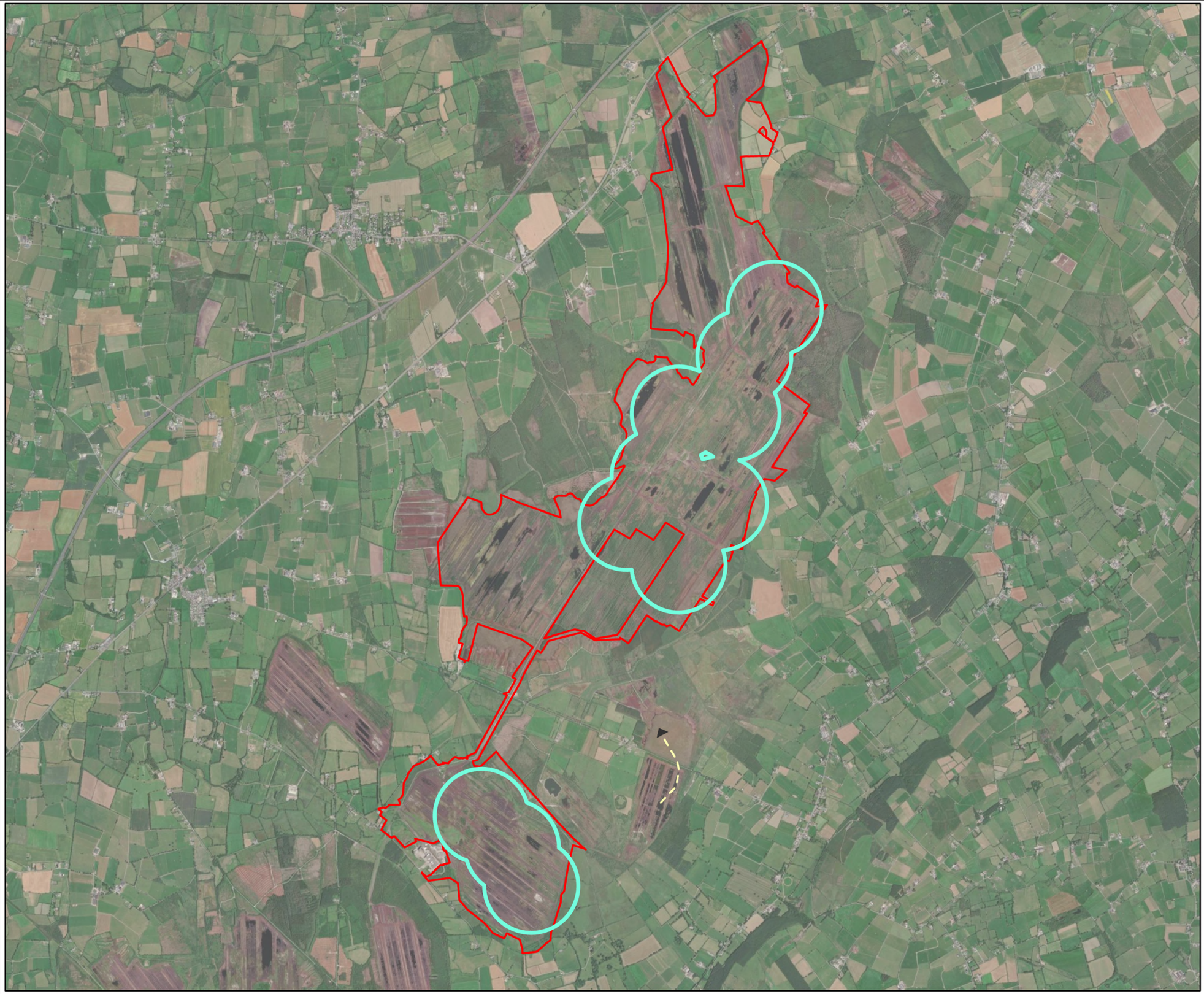
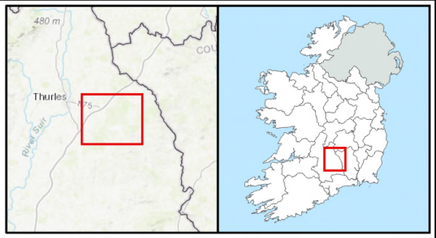
World Imagery: Earthstar Geographics





Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

TITLE:	Dunlin - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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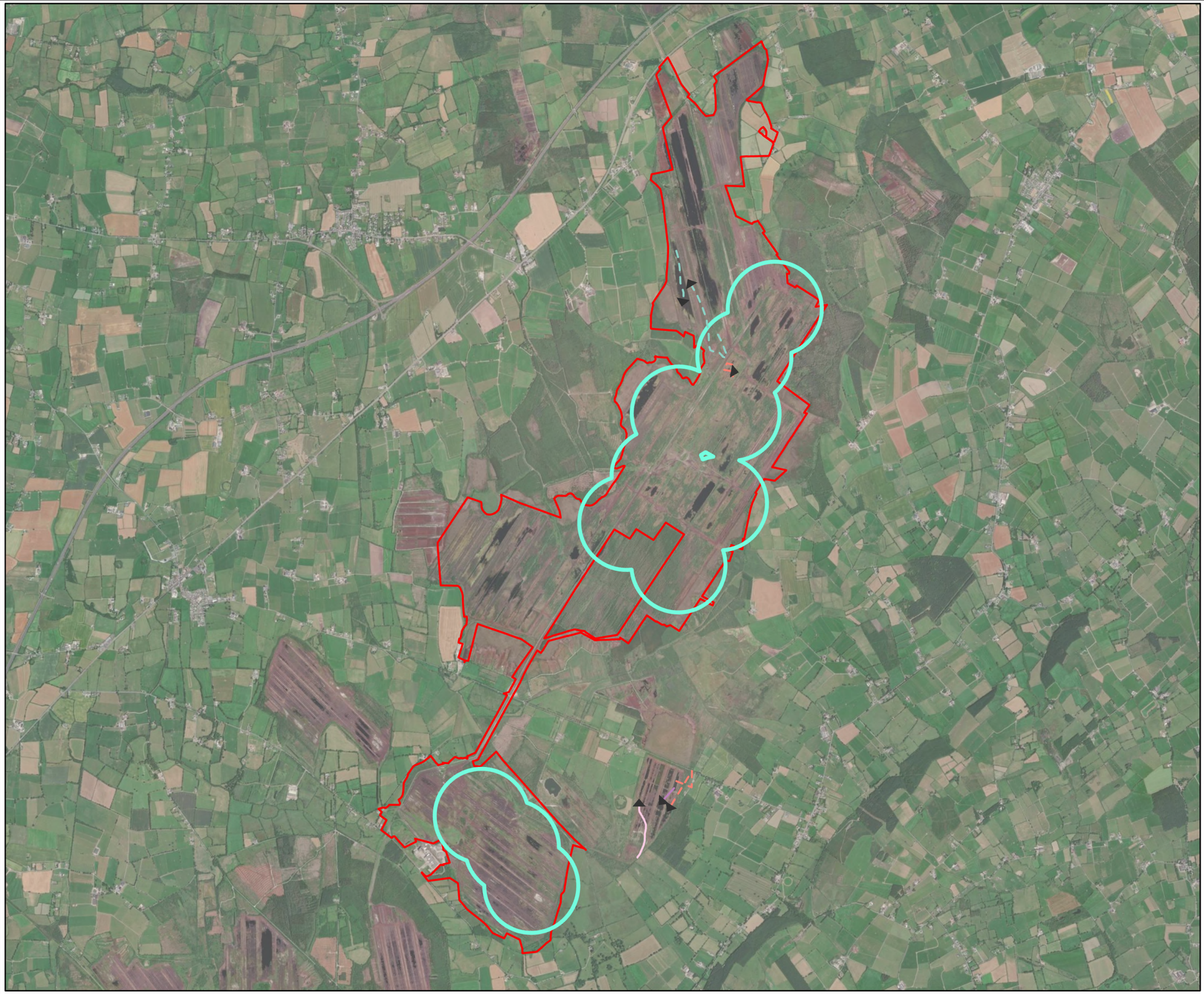

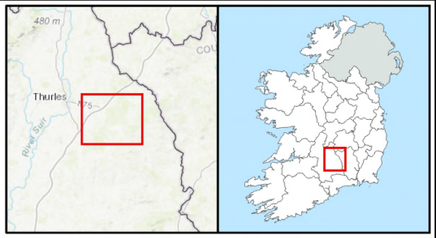

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2024
- Winter 2022/2023
- Winter 2024/2025

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TITLE: Green Sandpiper - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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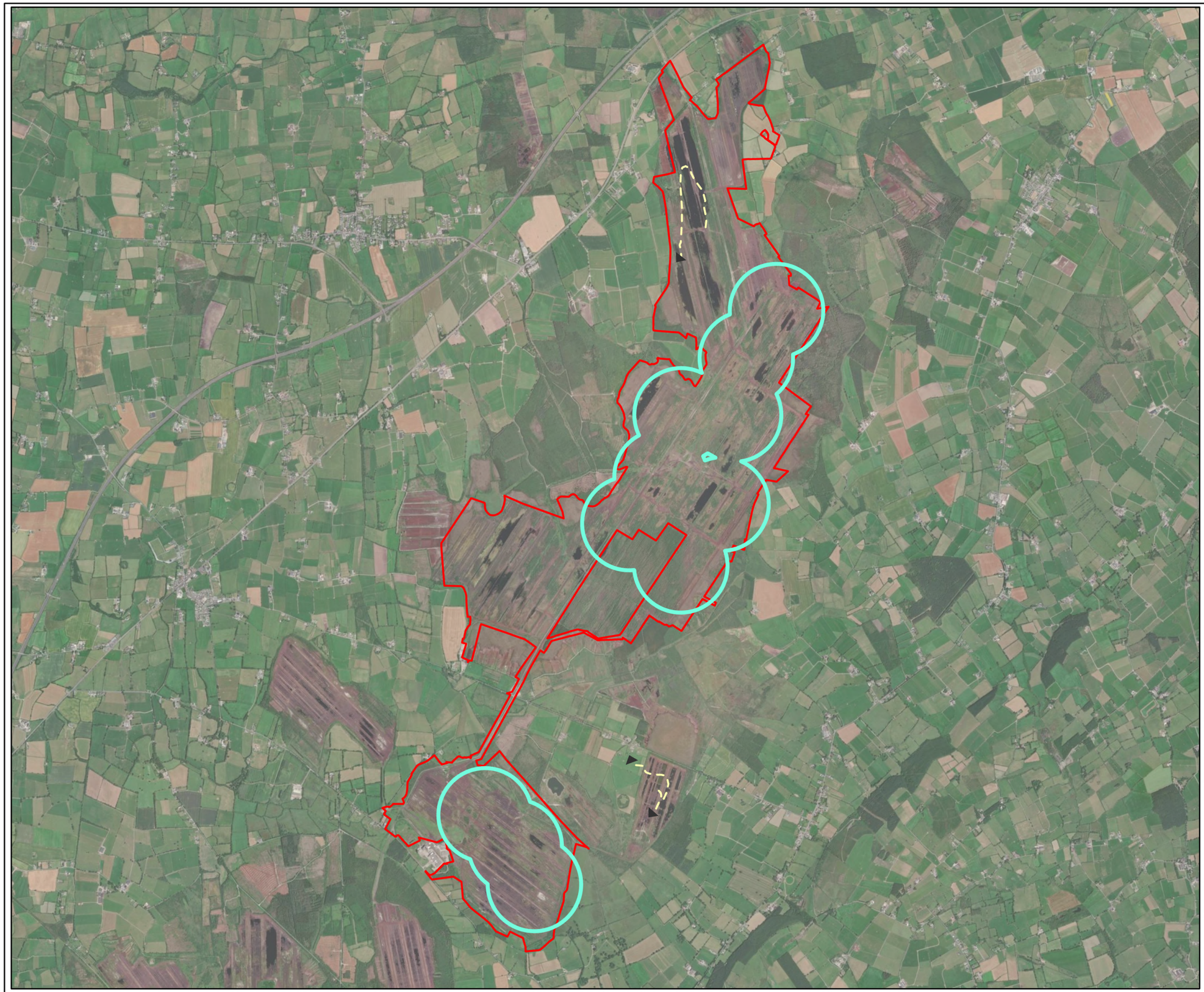

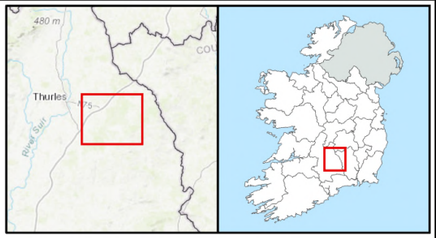

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

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TITLE:	Greenshank - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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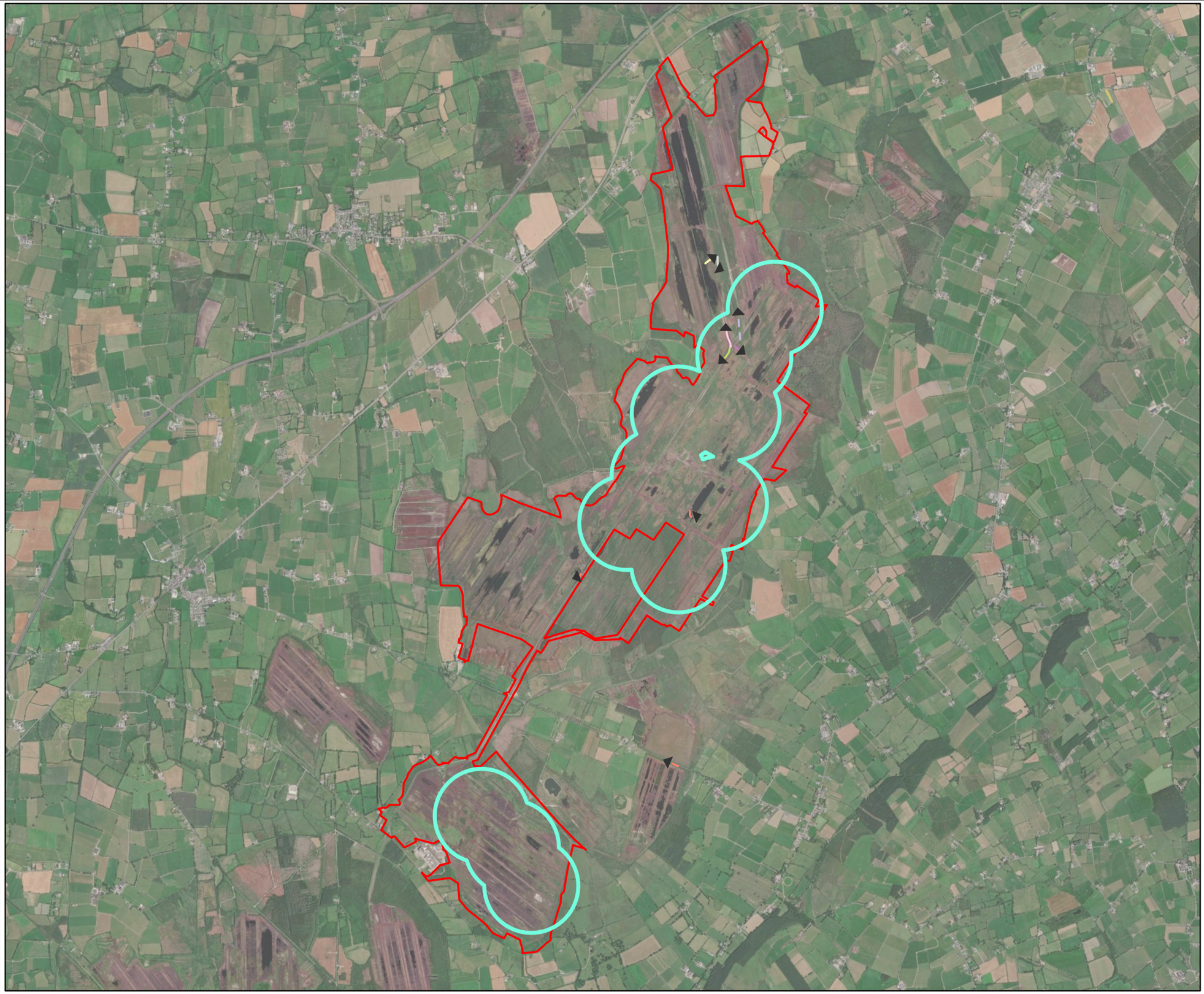

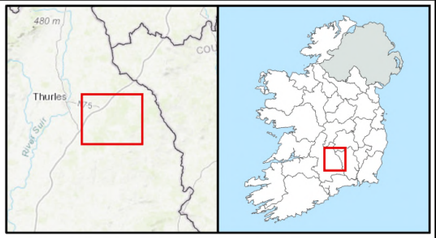

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

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TITLE:	Kingfisher - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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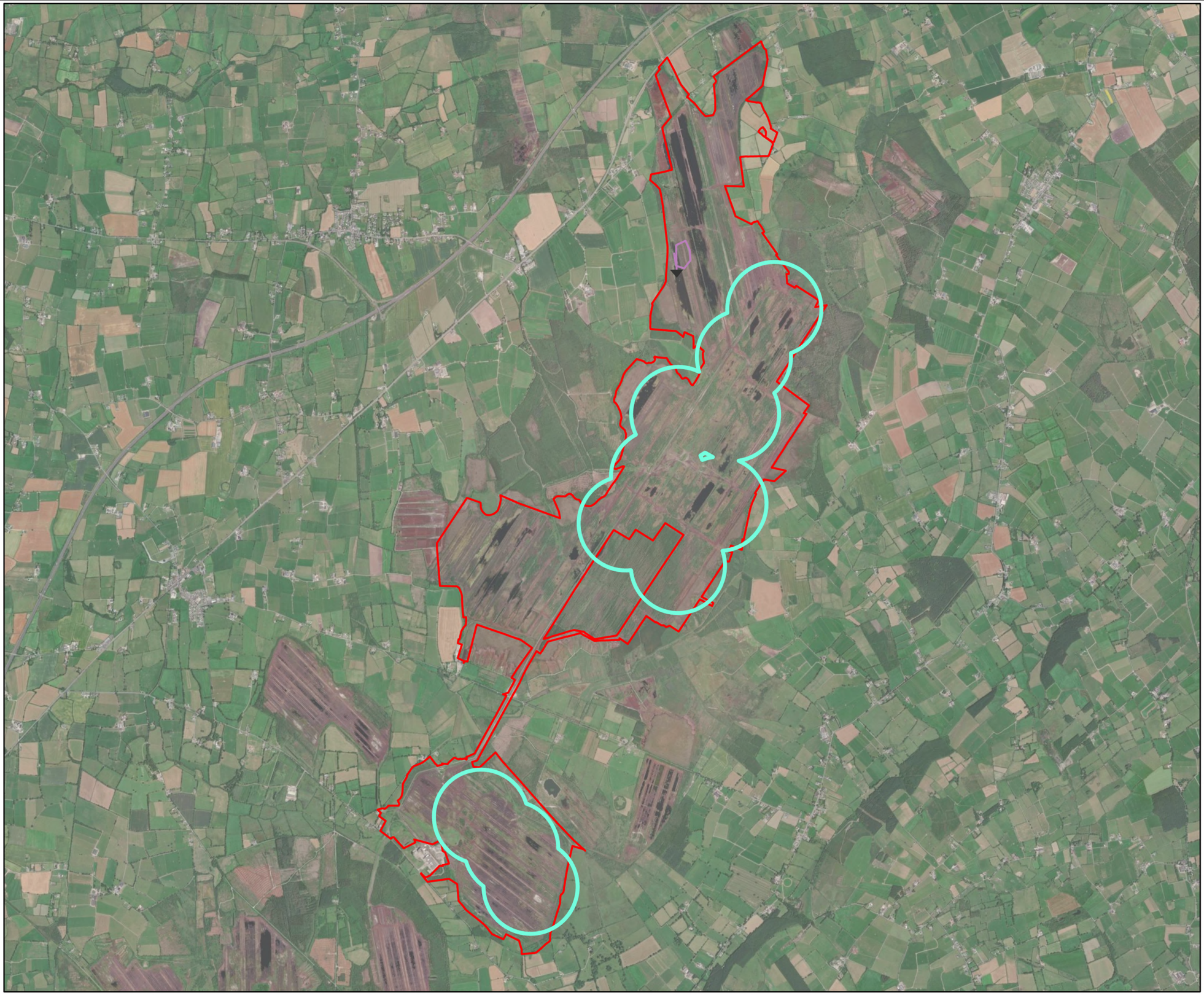

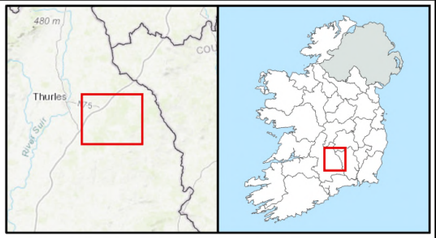

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2024/2025

TITLE:	Pintail - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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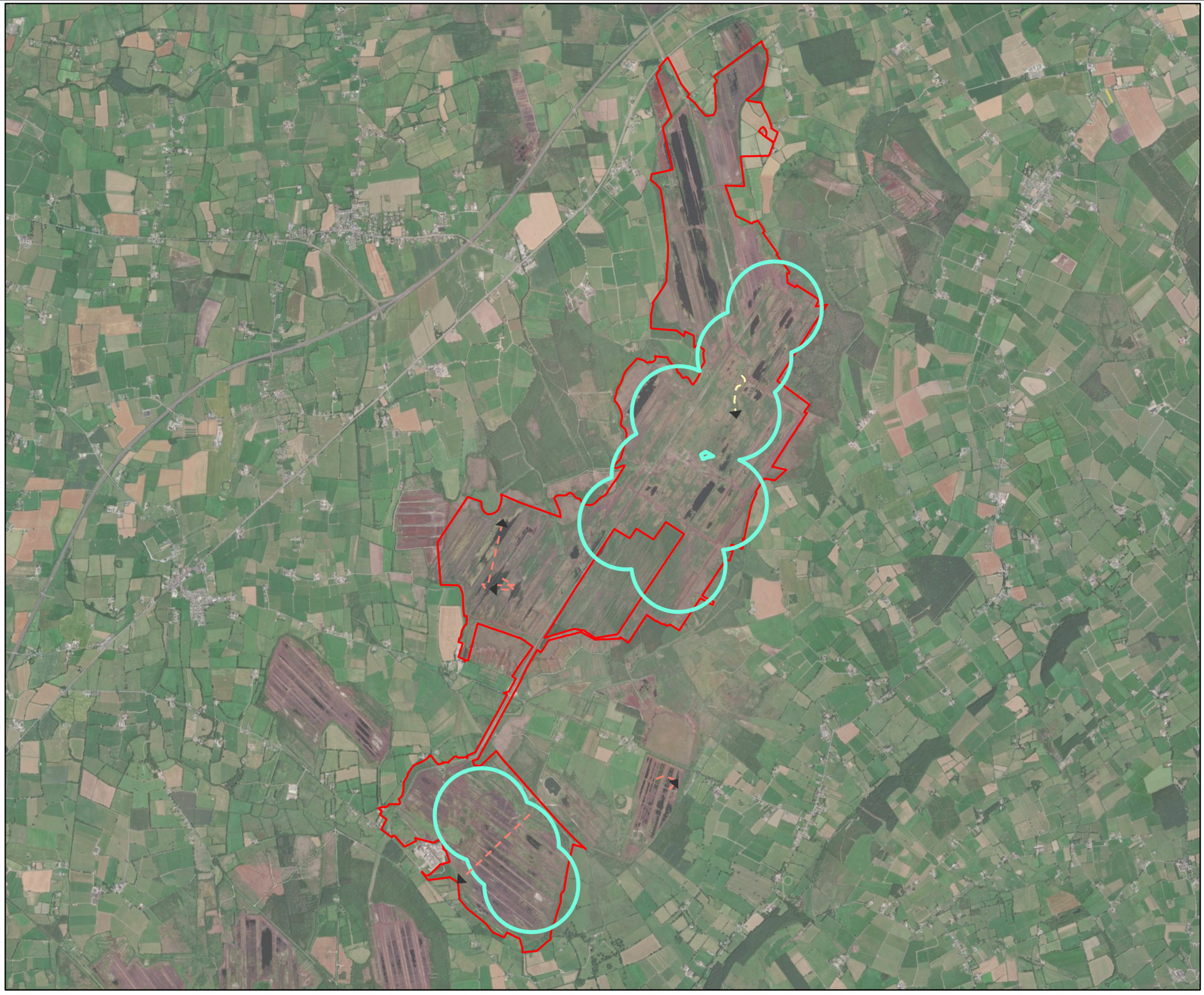

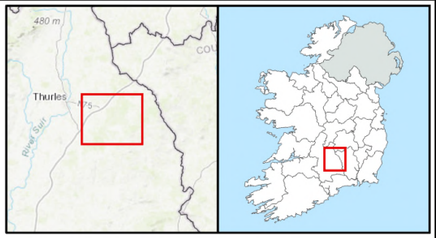

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022
- Summer 2024

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TITLE:	Redshank - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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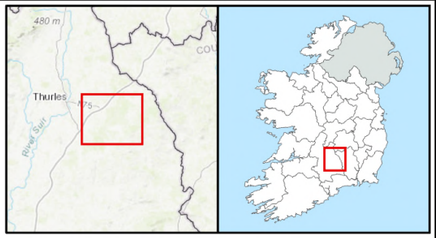

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2022/2023

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TITLE:	Redwing - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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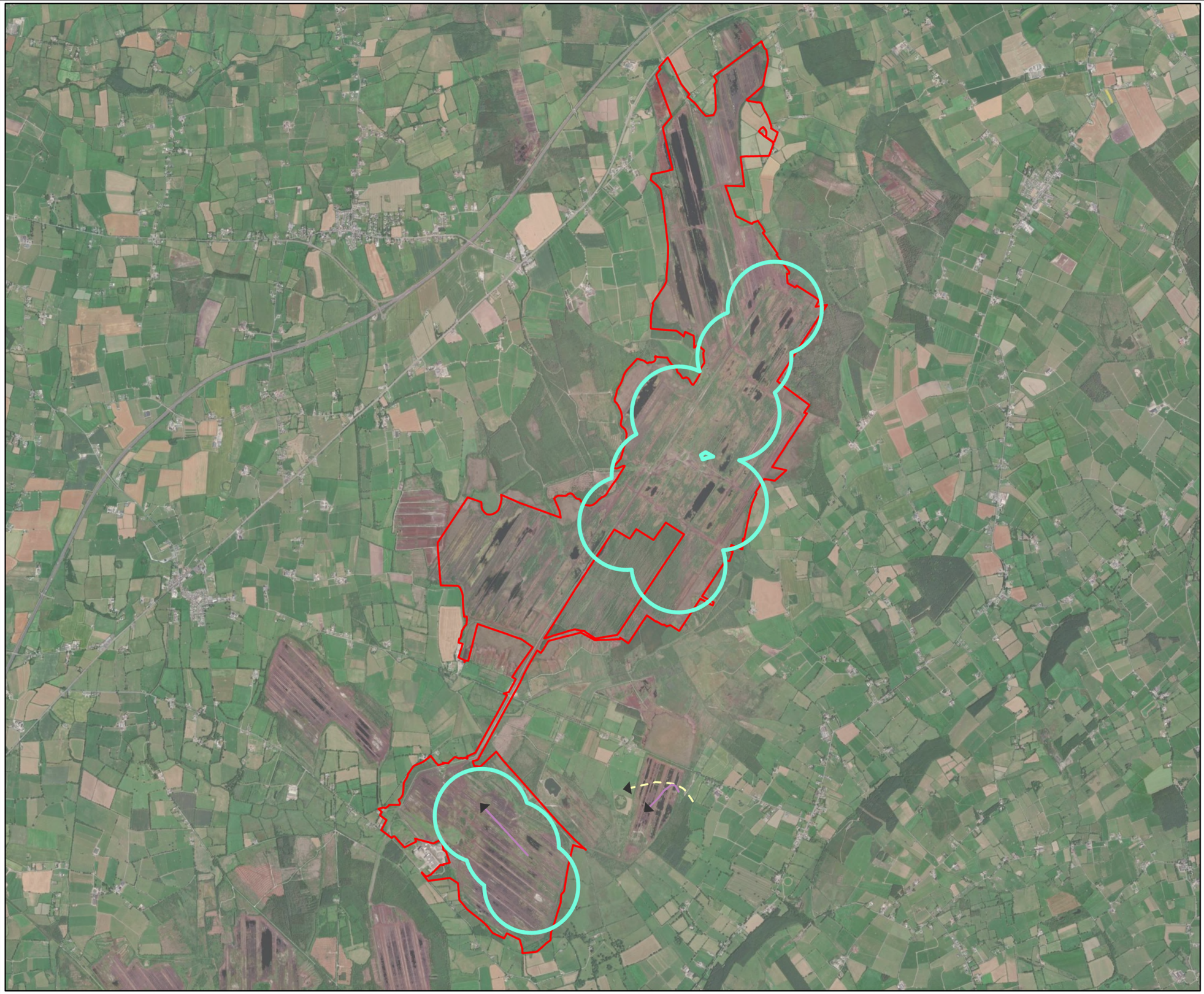

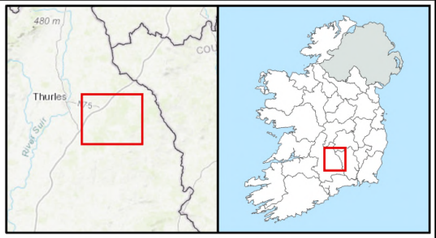

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022
- Winter 2024/2025

TITLE:	Ringed Plover - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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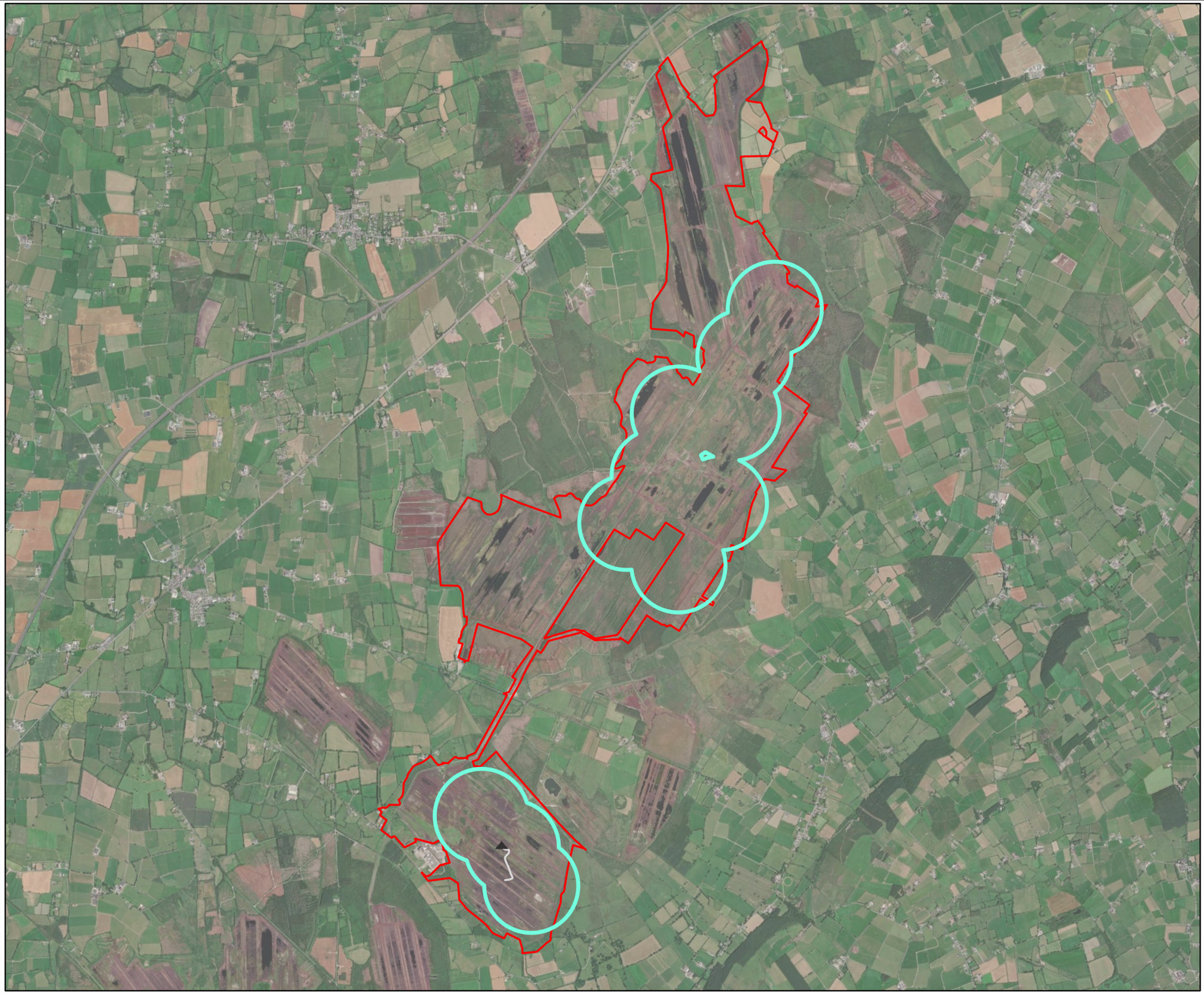

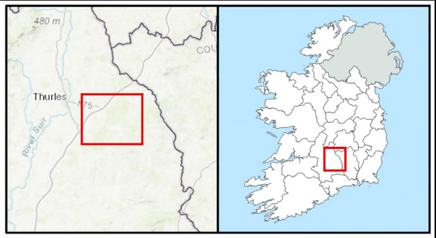

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2023/2024

TITLE:	Scaup - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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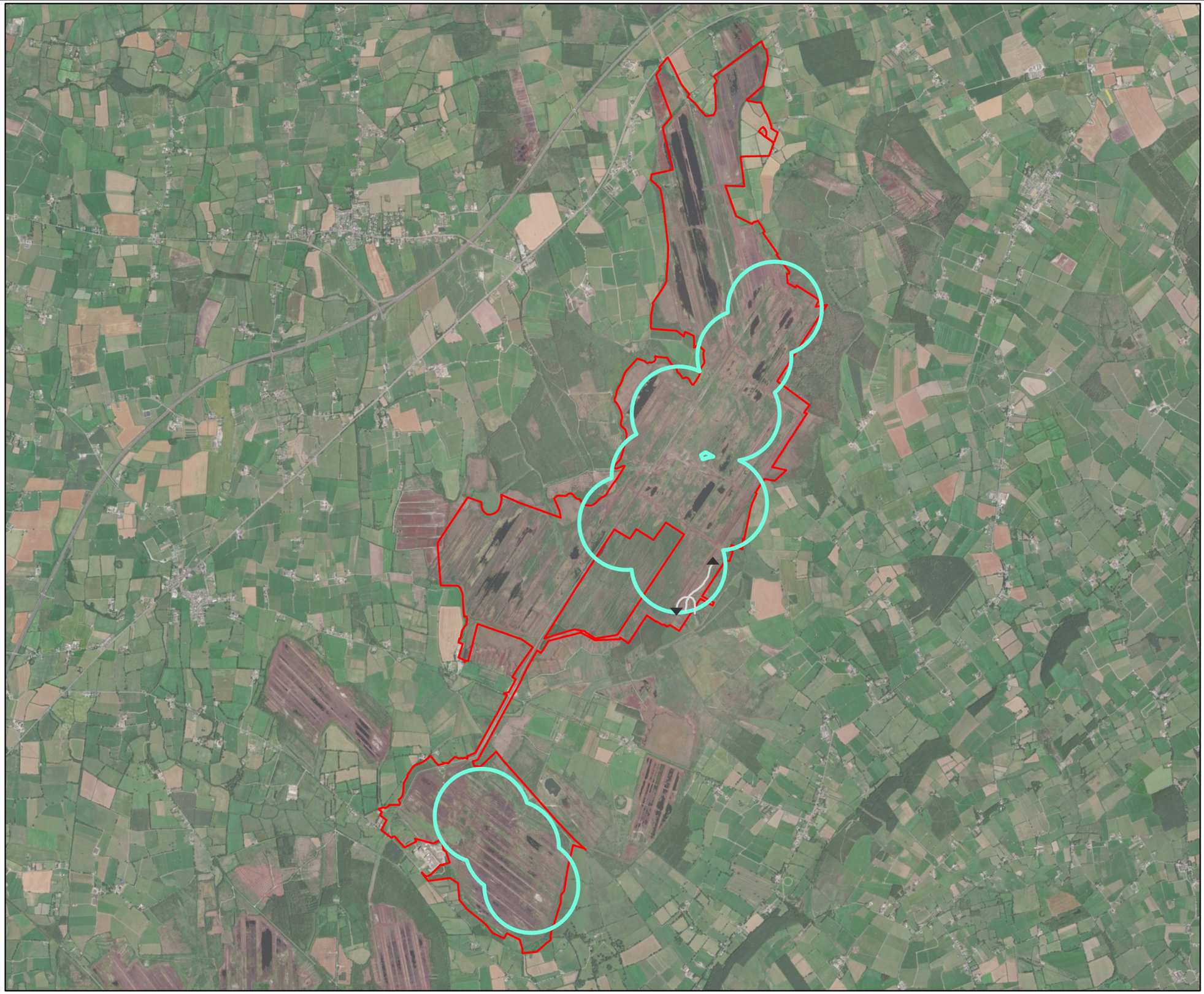

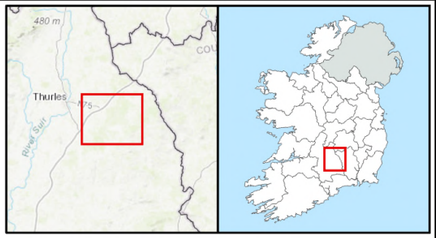

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2023/2024

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TITLE: Short-Eared Owl - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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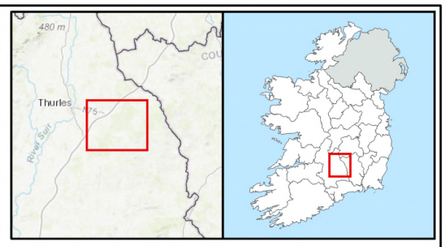

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Winter 2024/2025

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TITLE:	Shoveler - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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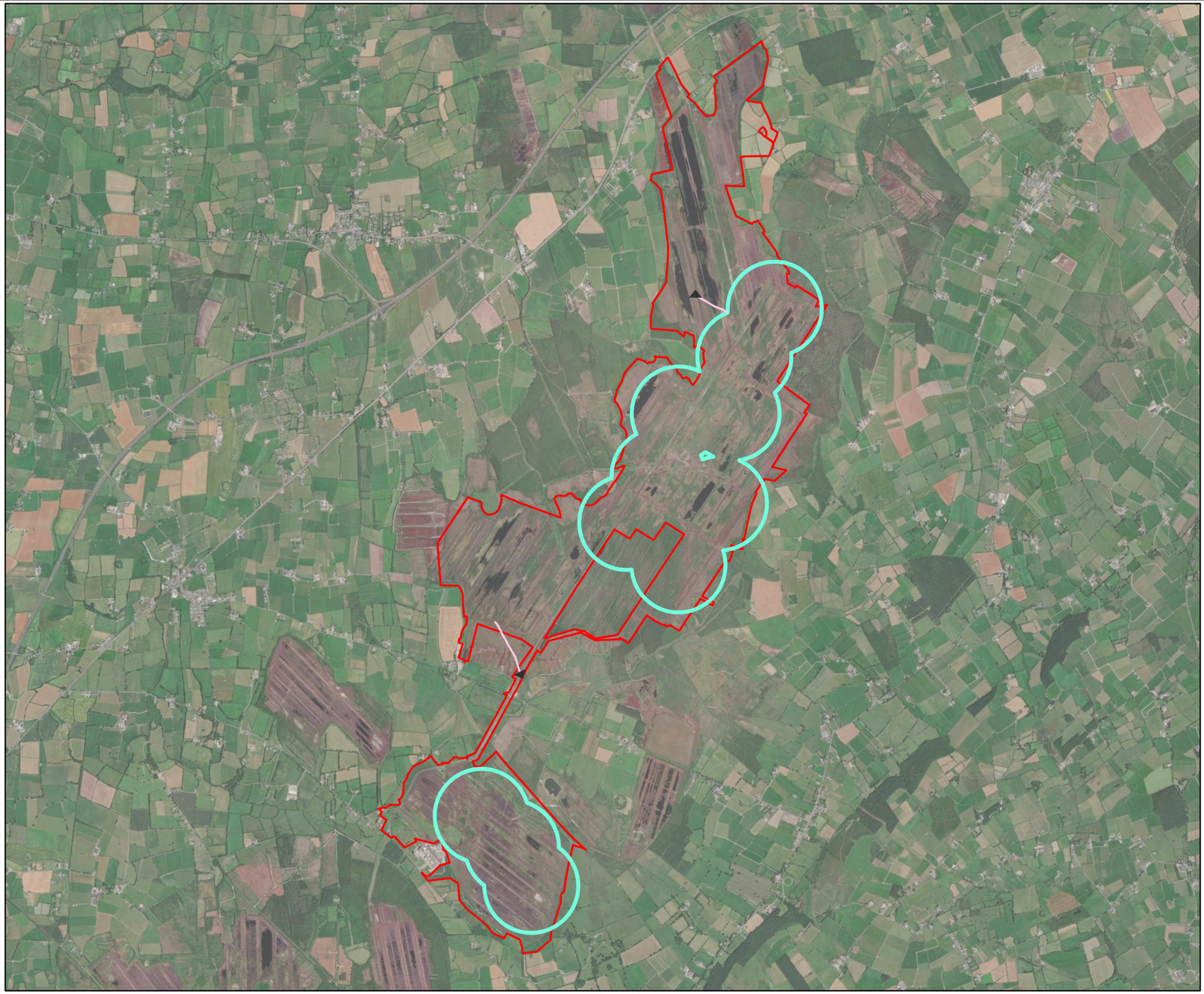

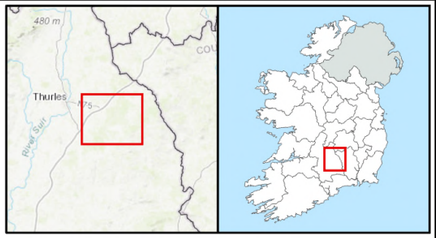

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2022/2023

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TITLE:	Skylark - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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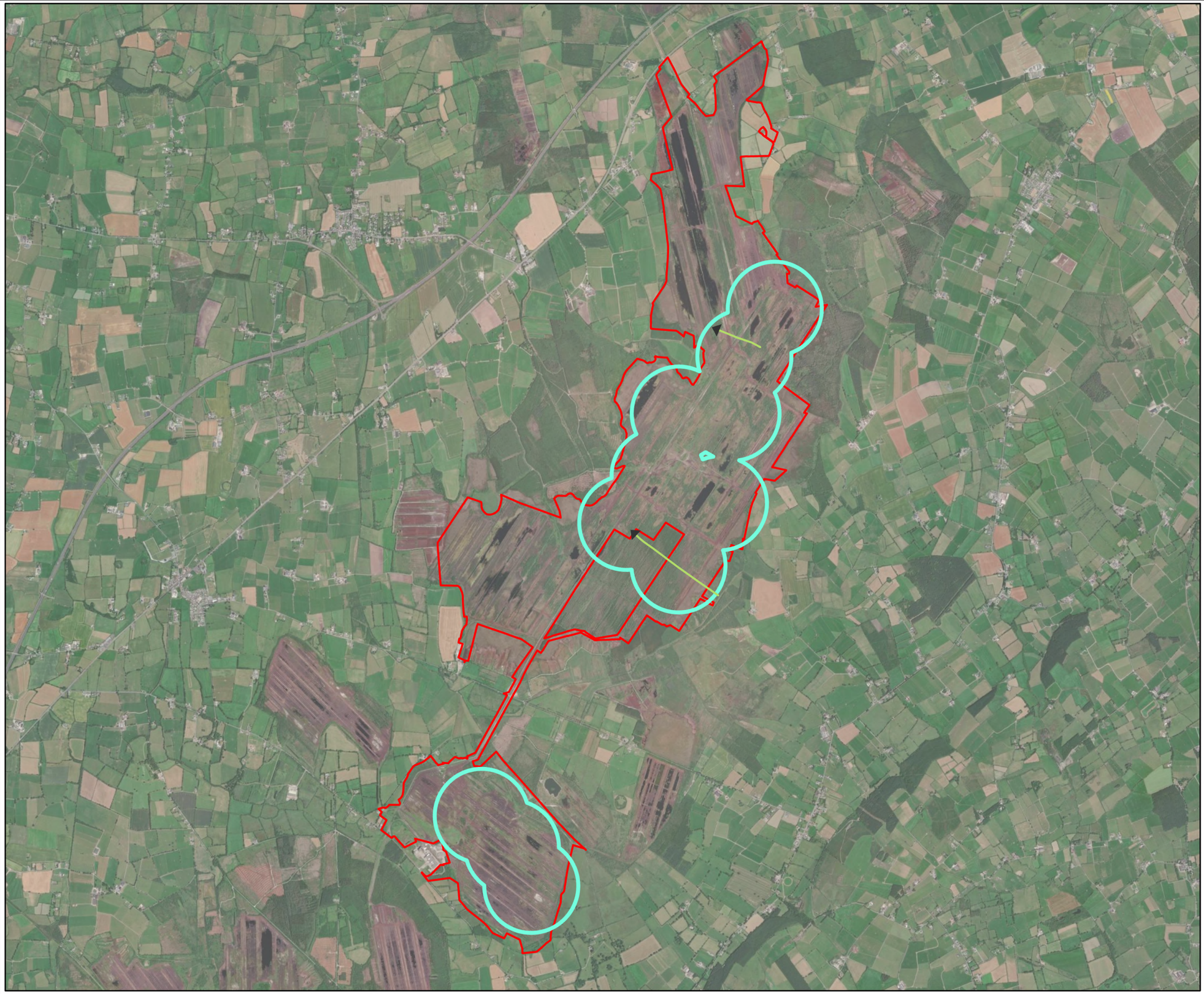

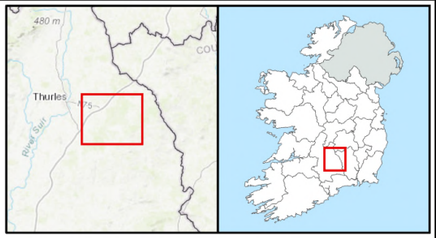

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2021/2022

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TITLE:	Starling - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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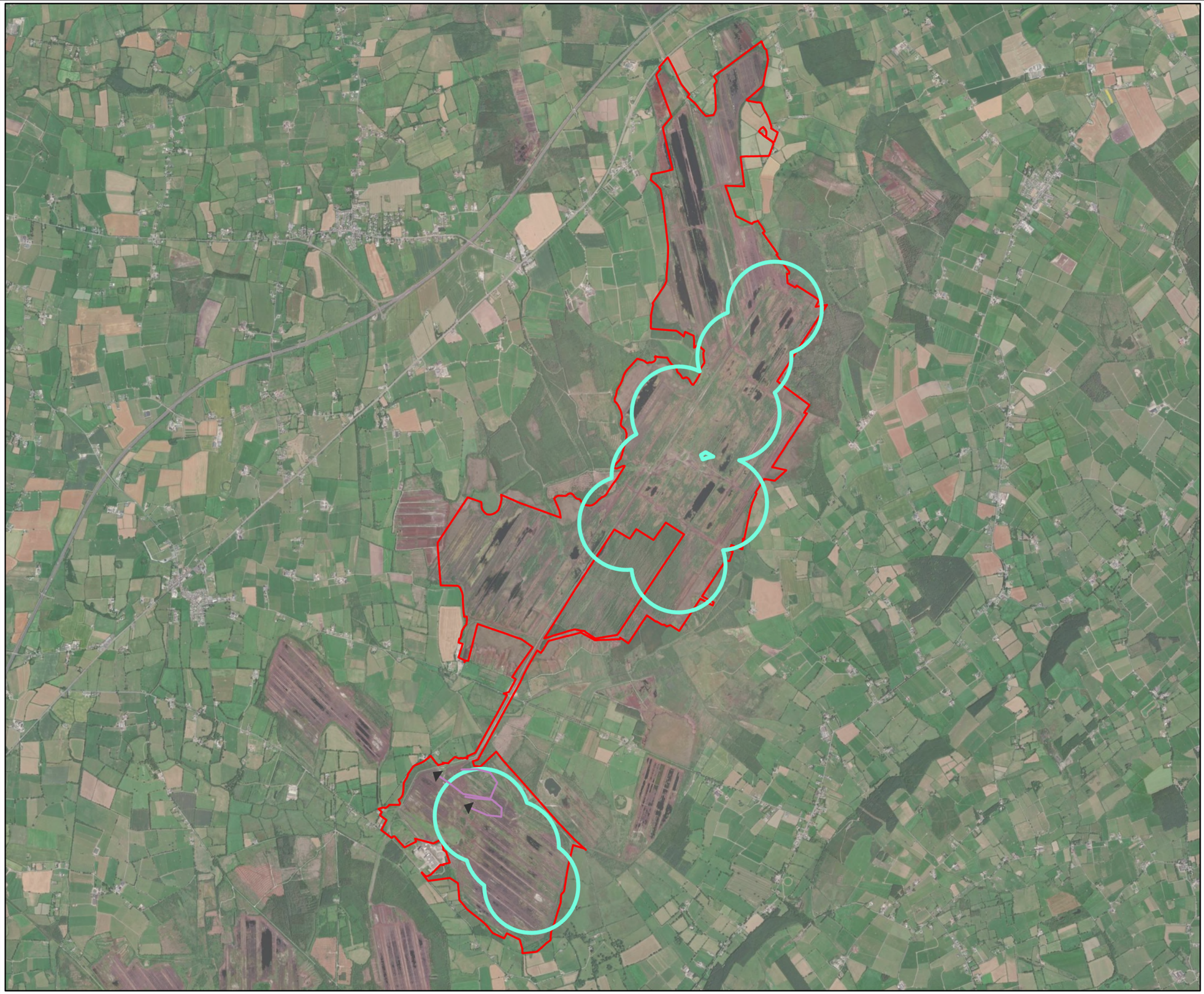

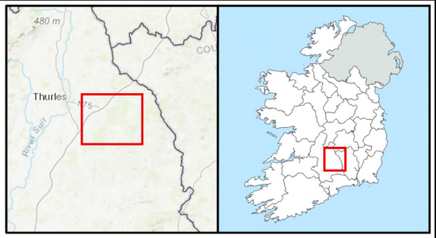

Legend

- Site Boundary
- Turbine Buffer 500m
- Winter 2024/2025

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TITLE:	Stock Dove - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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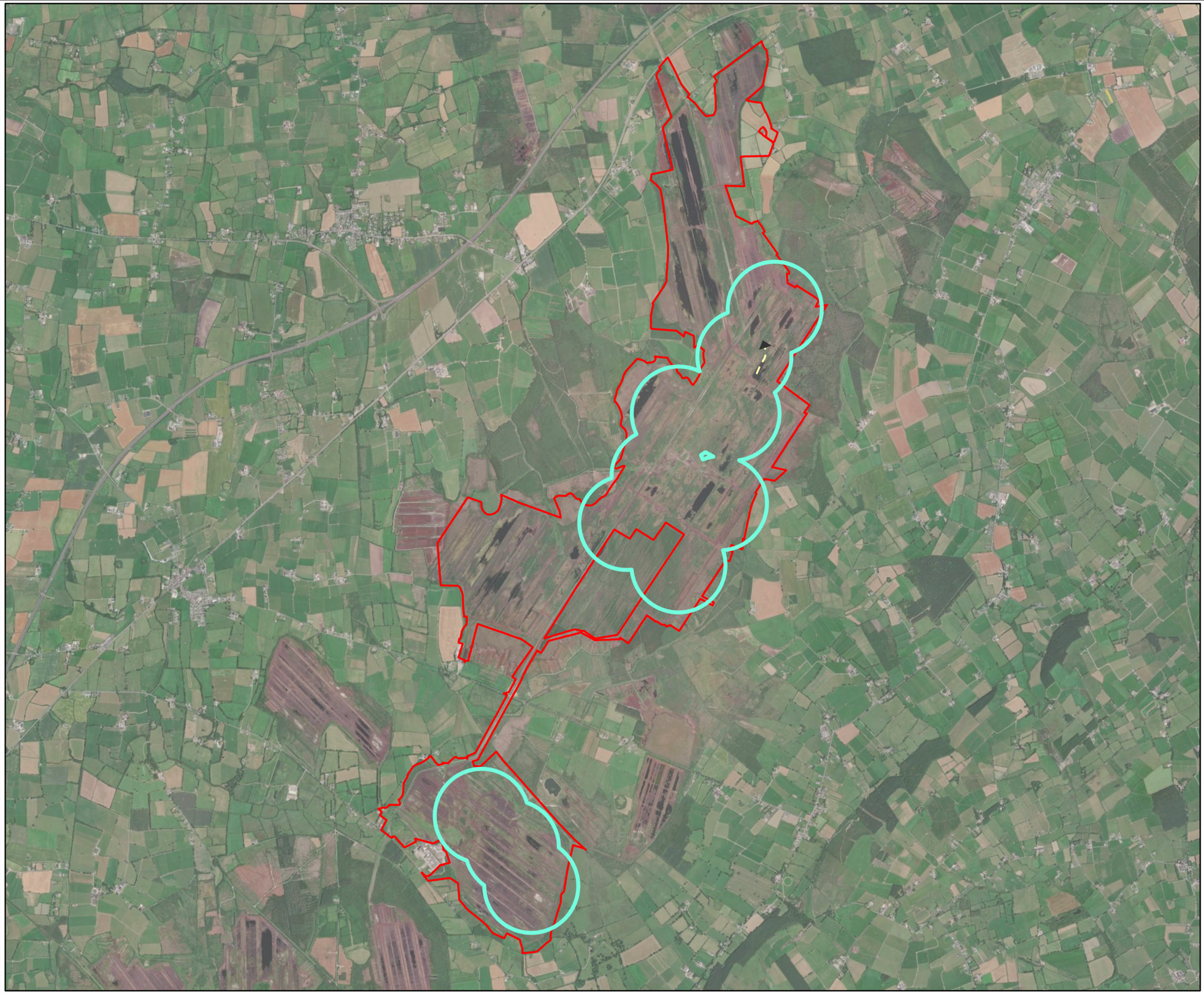

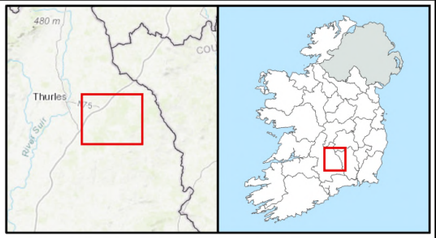

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

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TITLE:	Tufted Duck - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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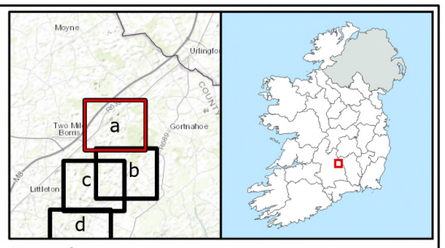

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2024/2025

N W E S

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TITLE: Black Headed Gull - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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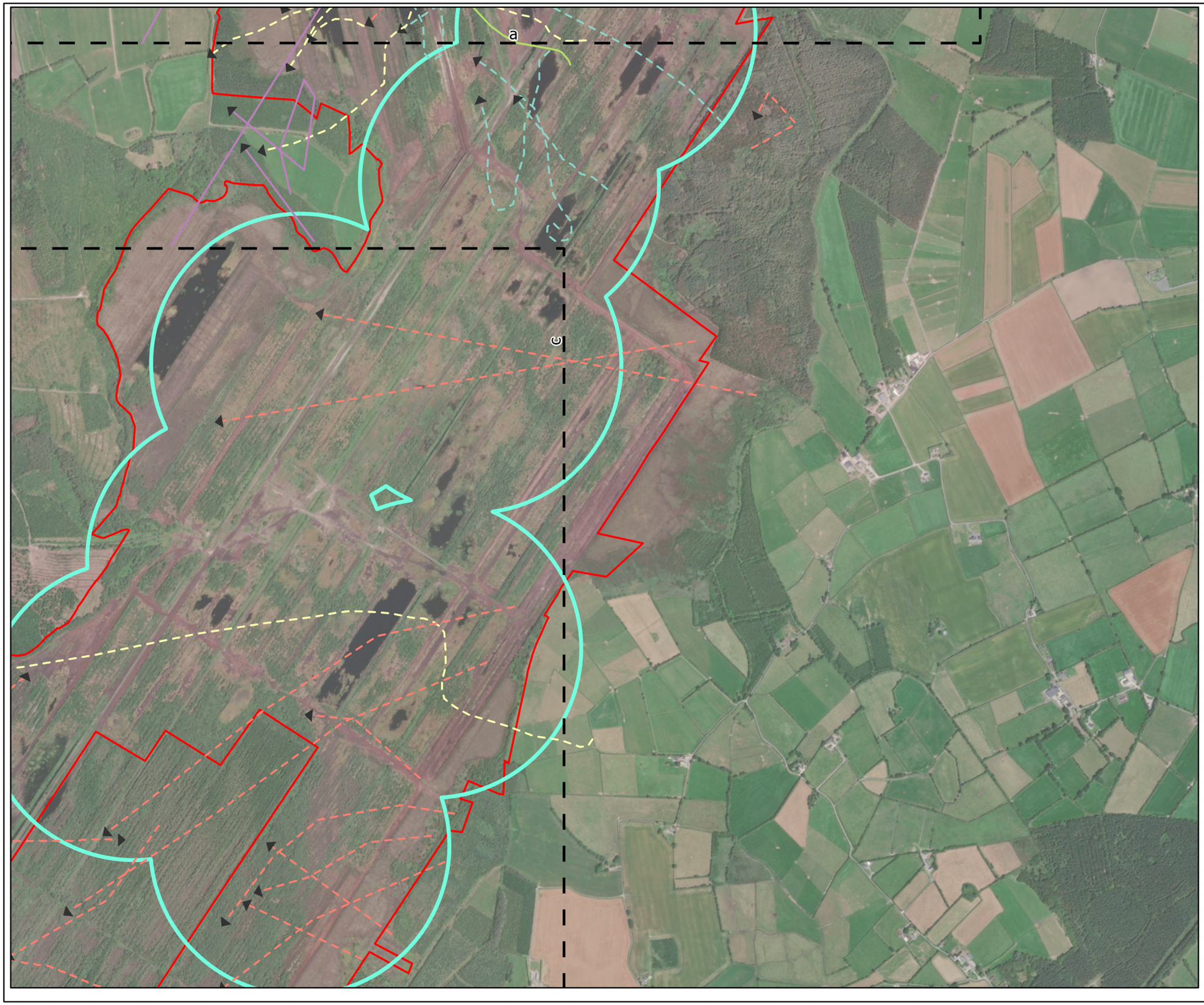

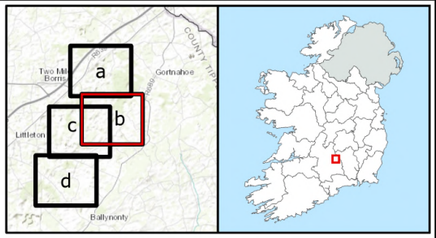

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2021/2022
- Winter 2024/2025

TITLE:	Black Headed Gull - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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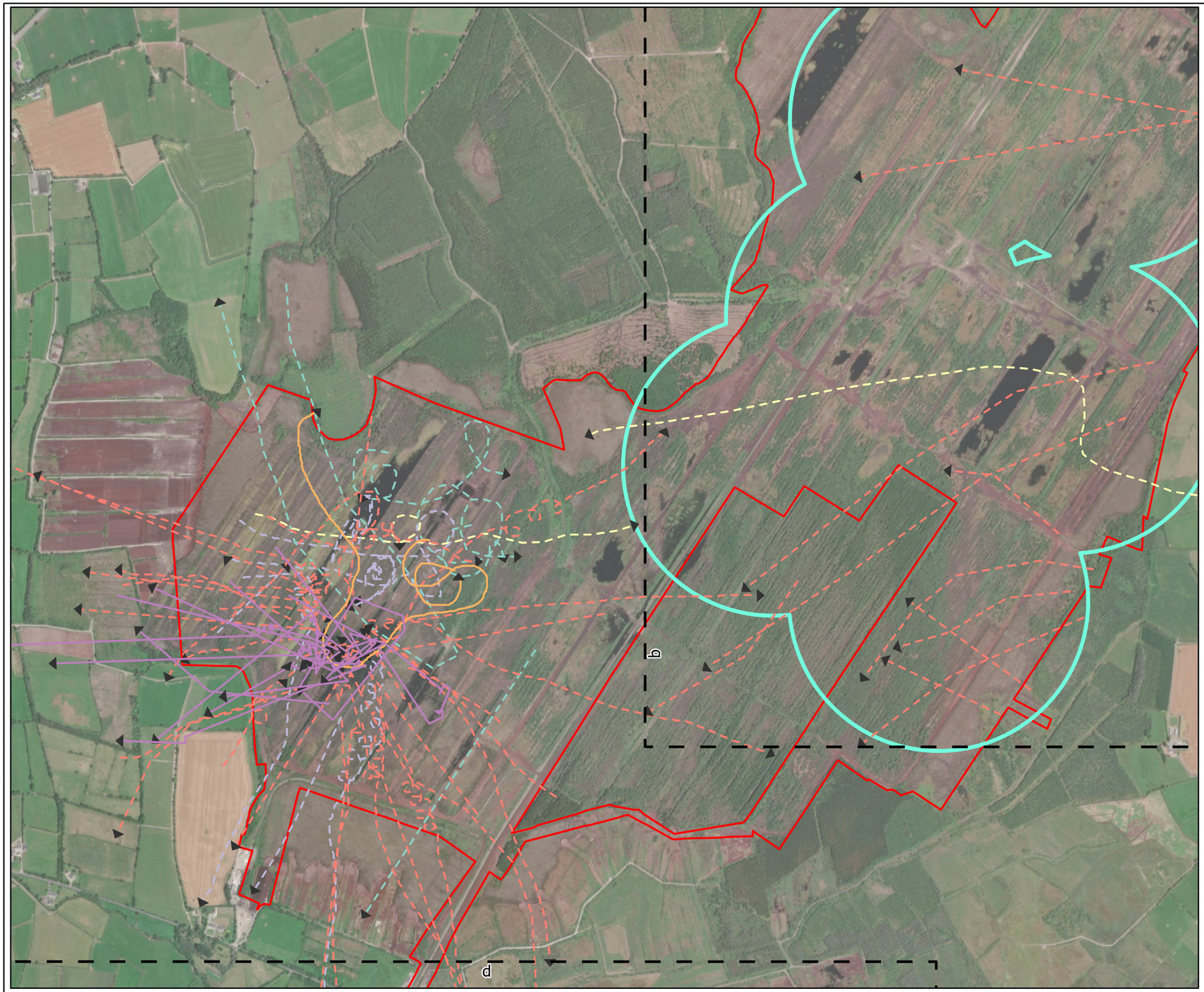

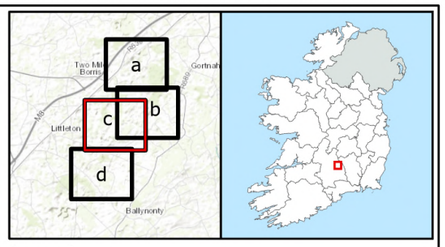

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2020/2021
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE: Black Headed Gull - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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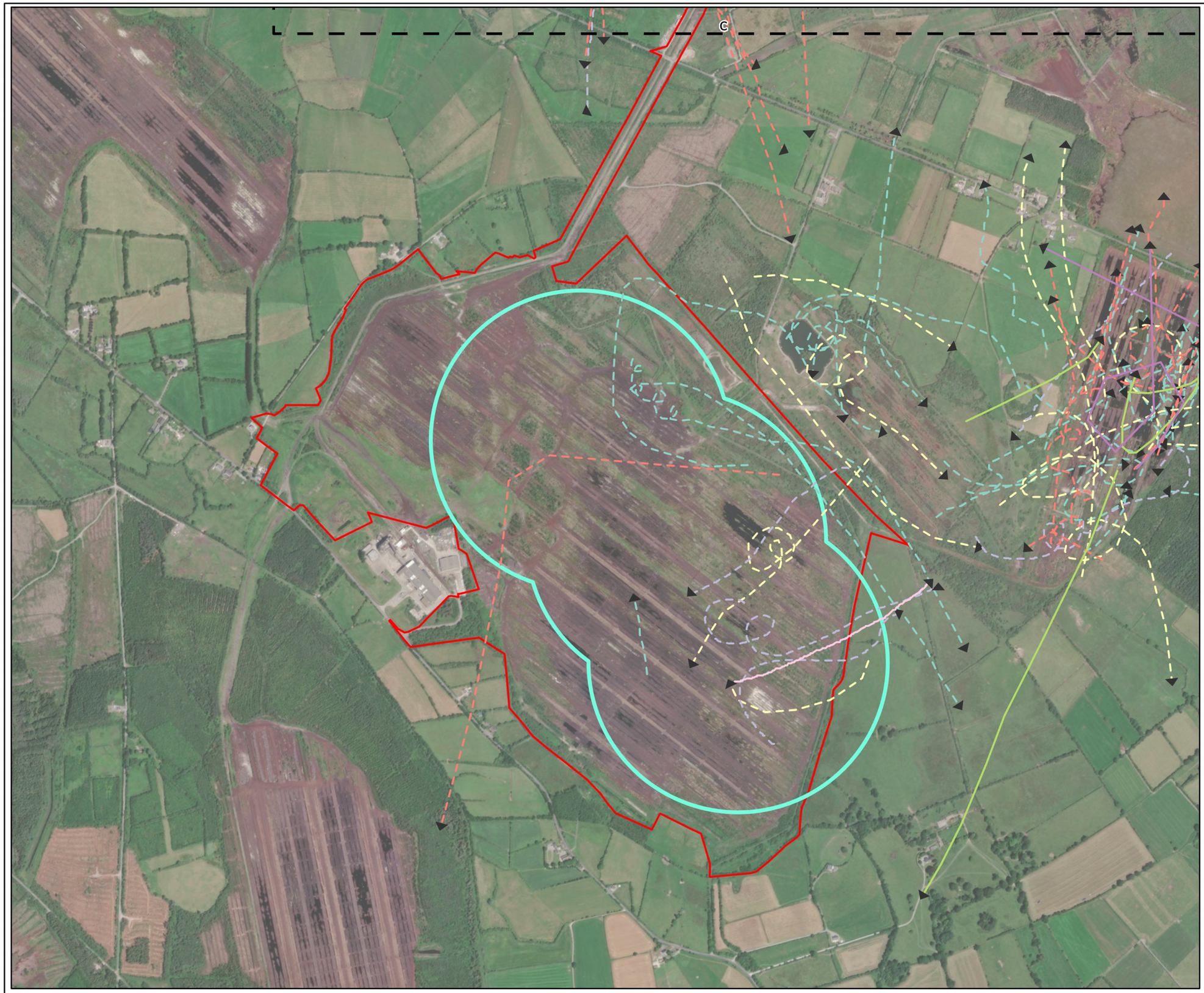

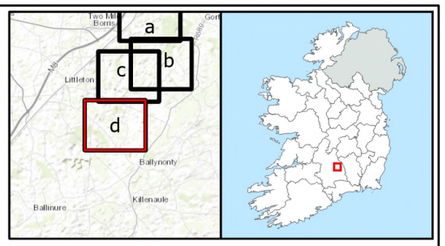

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- Index Panel
- Turbine Buffer 500m
- Summer 2021
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- Winter 2021/2022
- Winter 2022/2023
- Winter 2024/2025

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TITLE:	Black Headed Gull - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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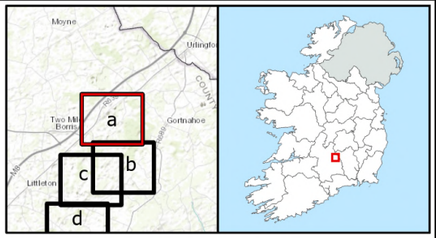

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TITLE: Buzzard - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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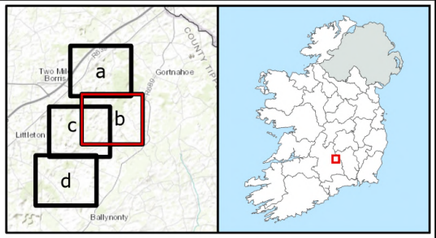

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TITLE:	Buzzard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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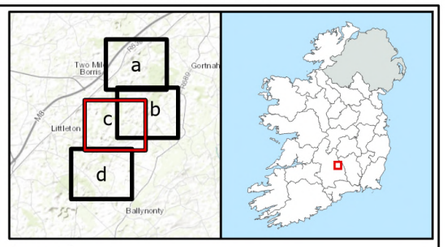

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TITLE:	Buzzard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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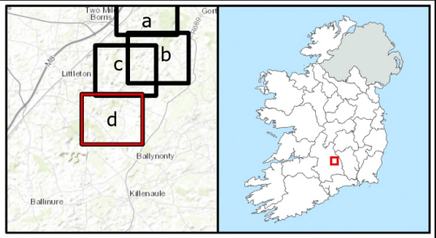

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TITLE:	Buzzard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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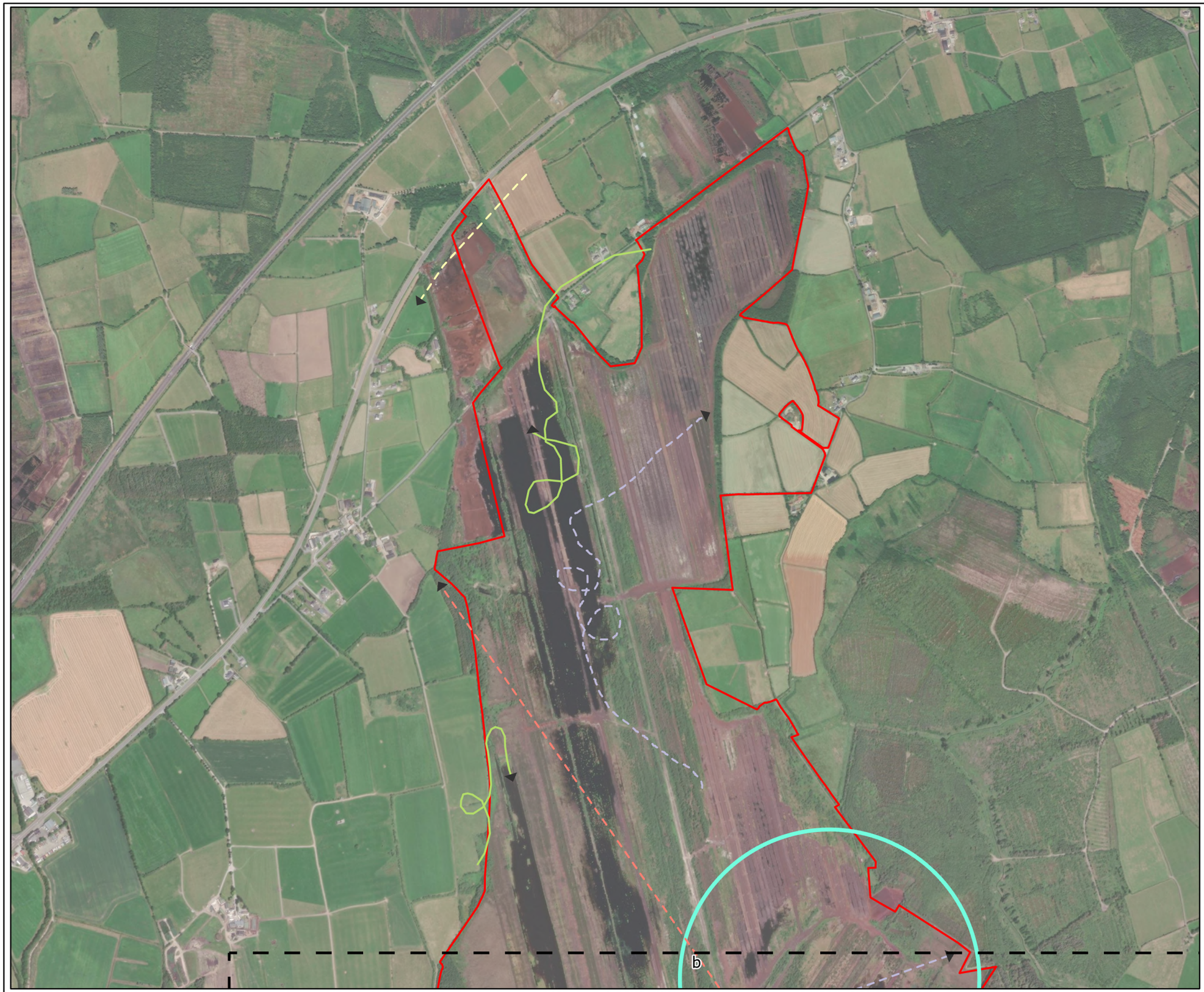

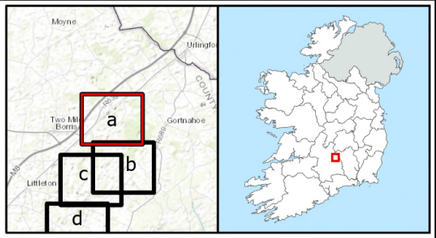

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TITLE:	Curlew - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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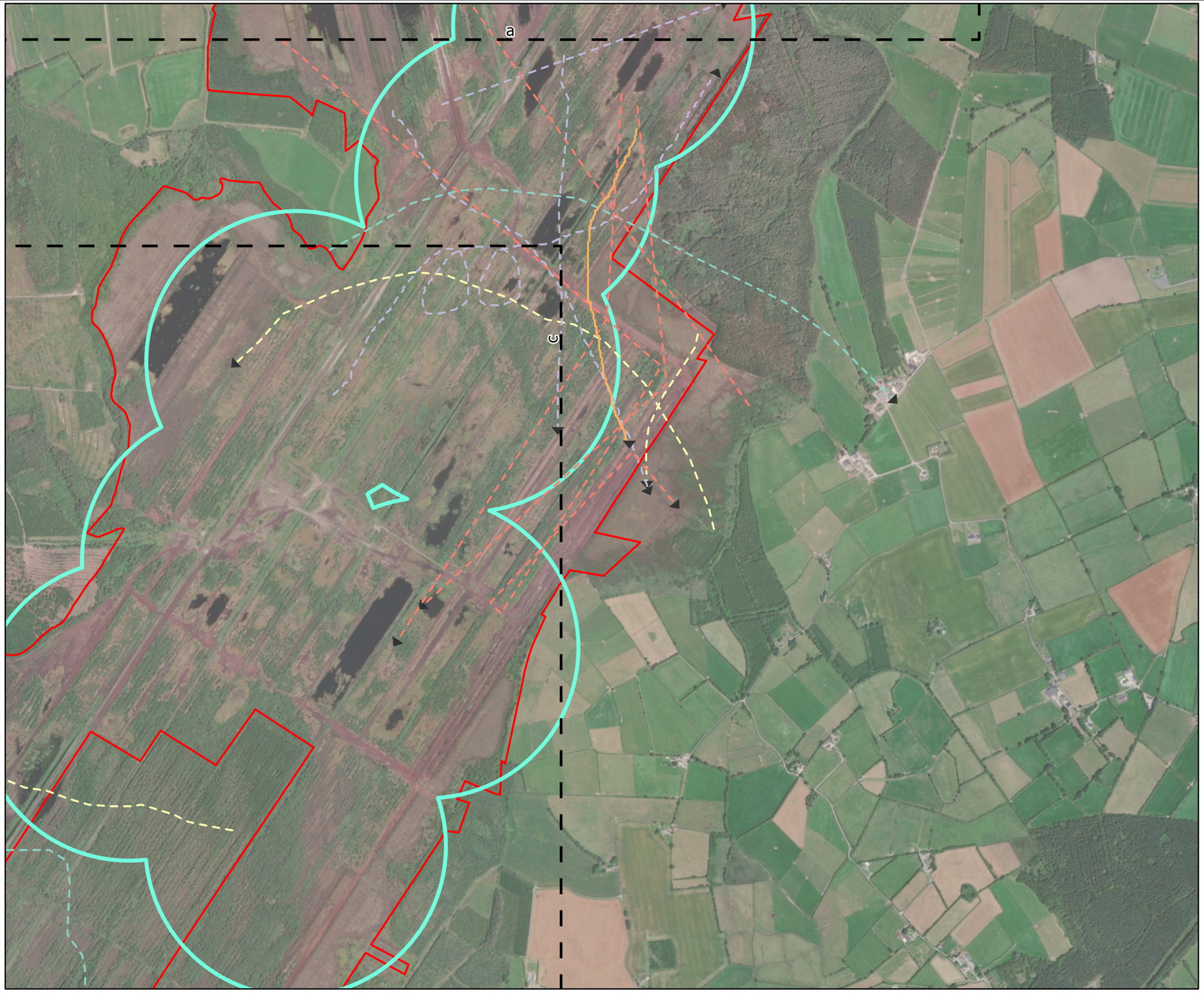

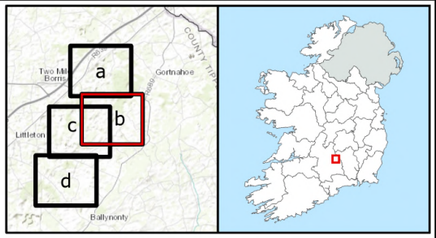

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TITLE:	Curlew - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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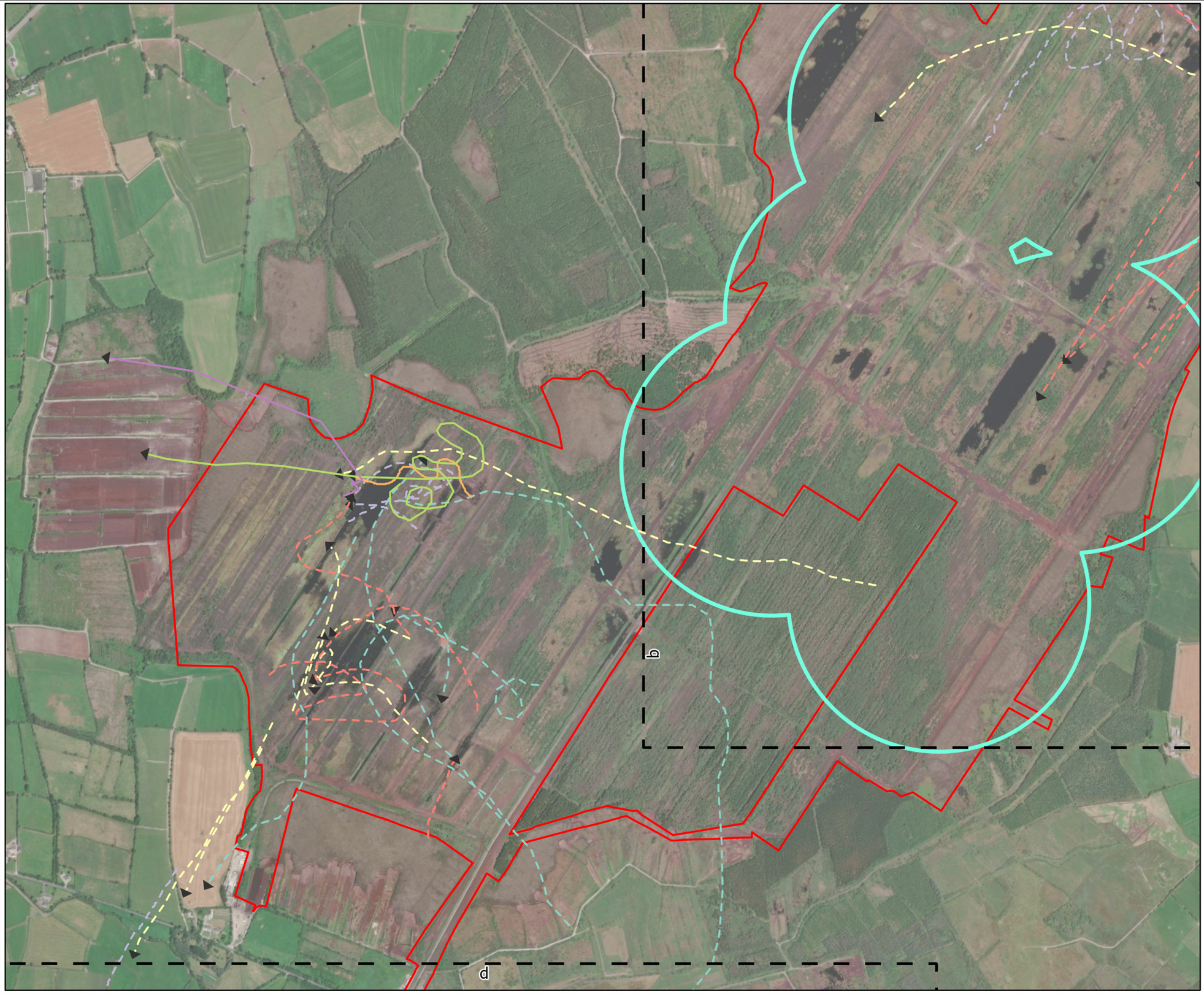

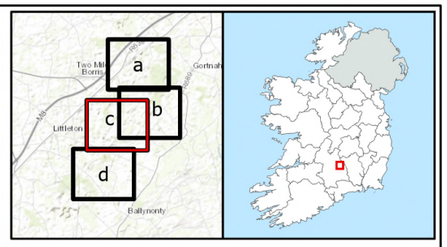

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TITLE:	Curlew - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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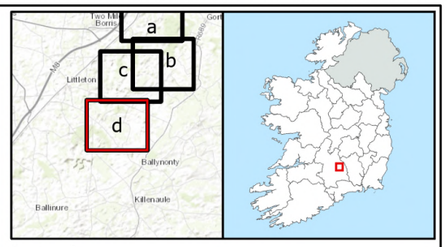

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TITLE:	Curlew - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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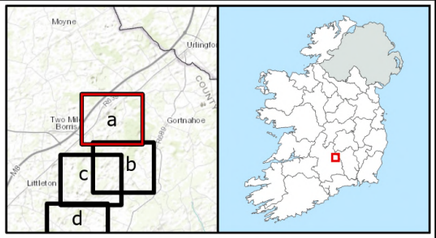

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TITLE:	Golden Plover - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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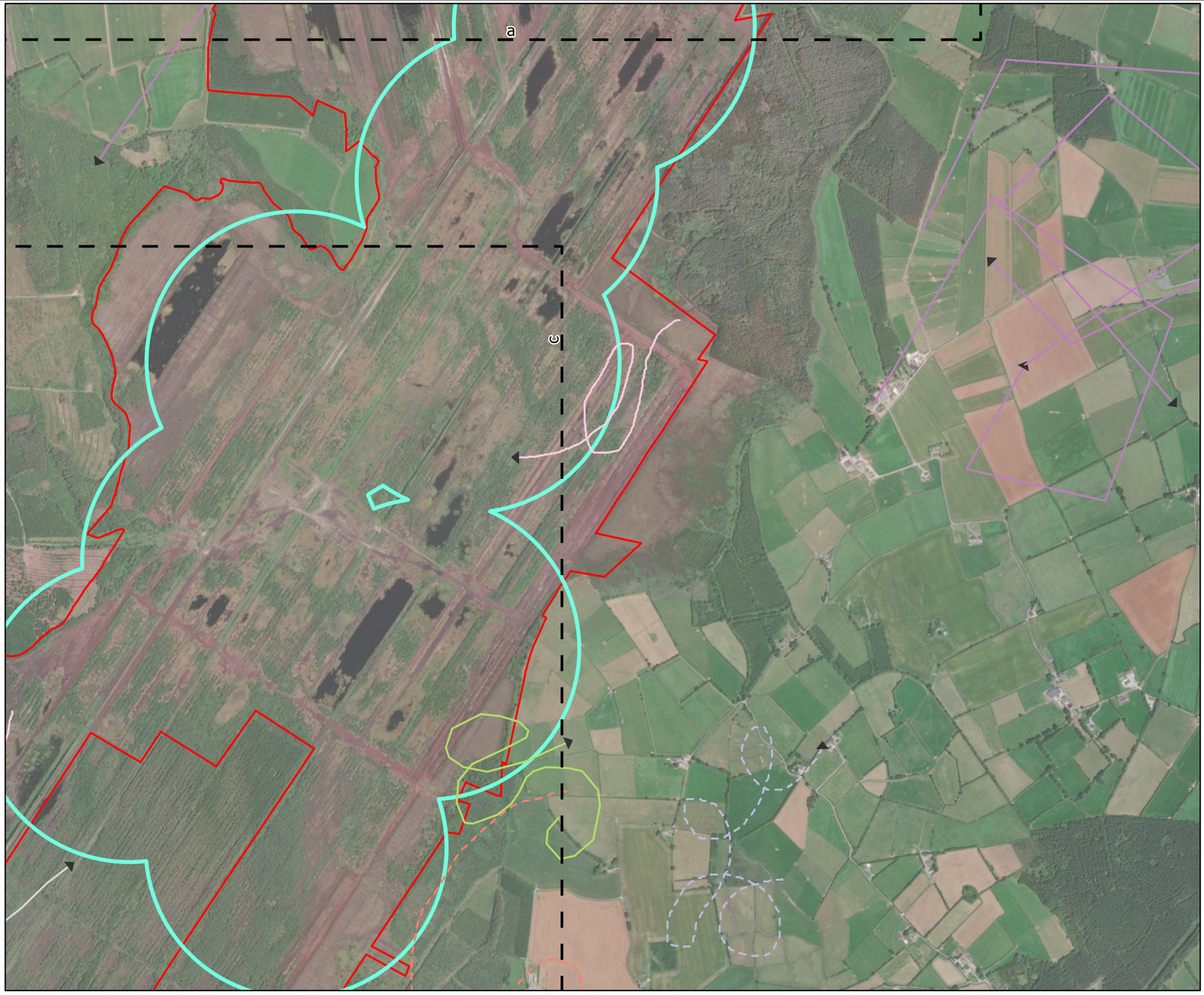

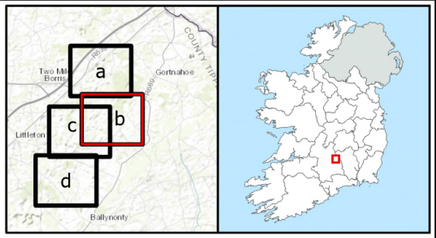

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TITLE:	Golden Plover - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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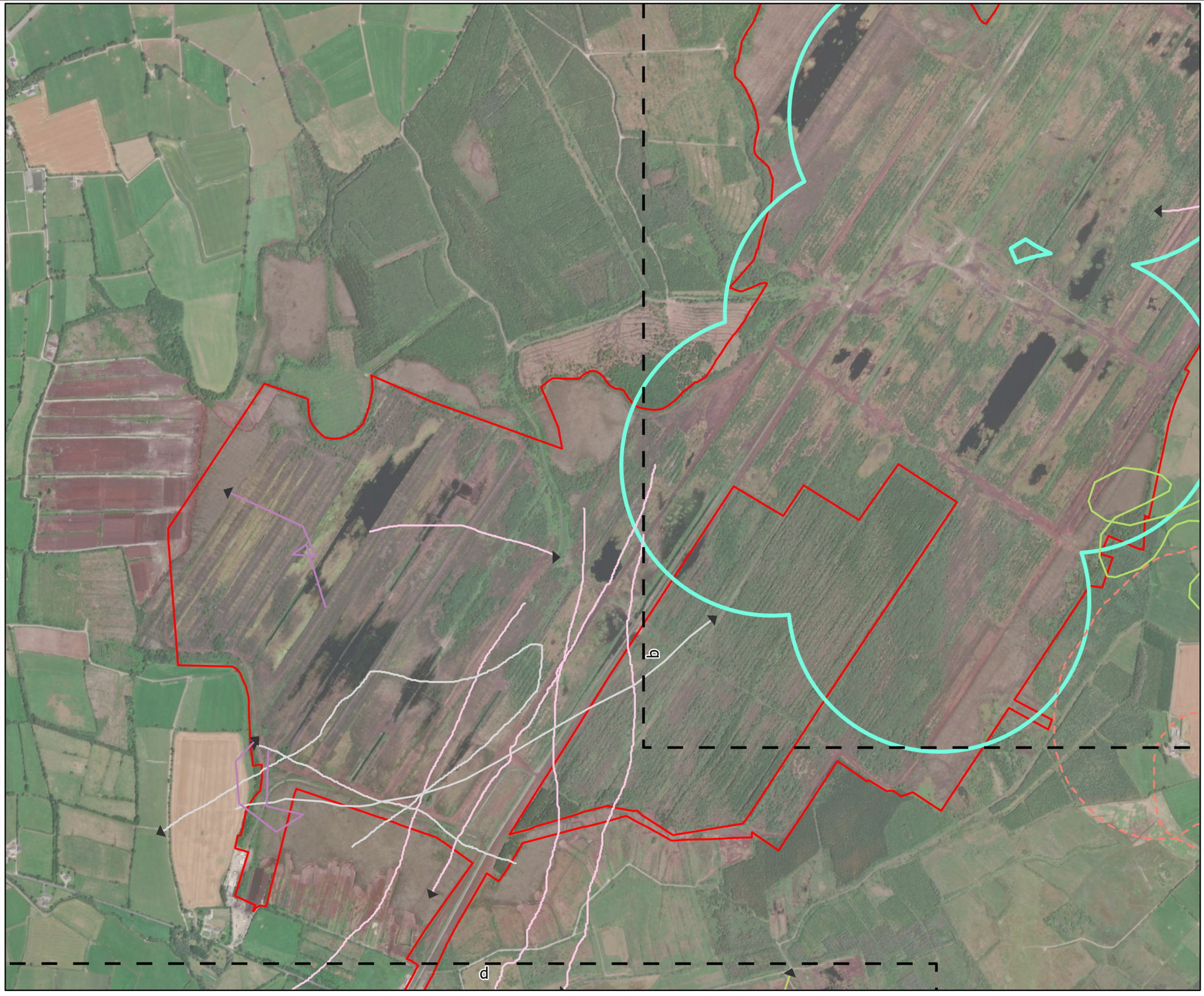

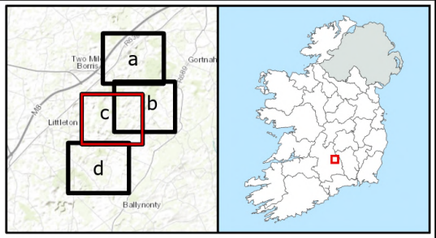

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TITLE:	Golden Plover - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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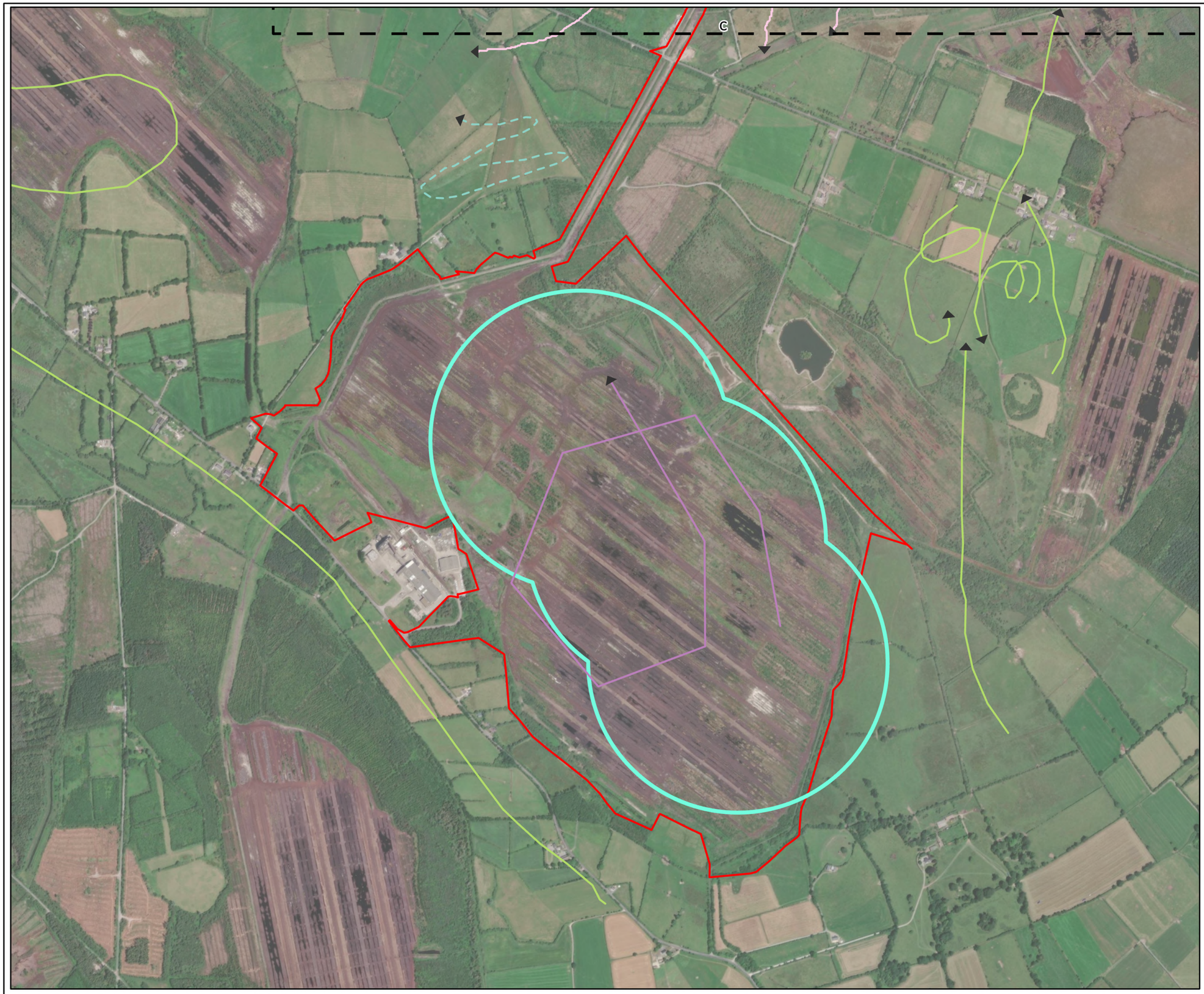

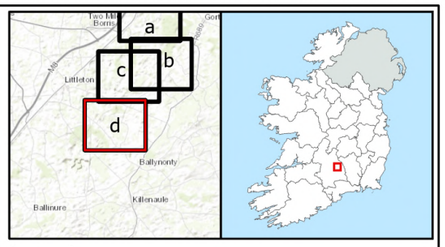

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TITLE:	Golden Plover - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
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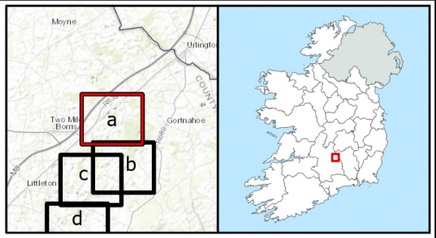

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TITLE:	Grey Heron - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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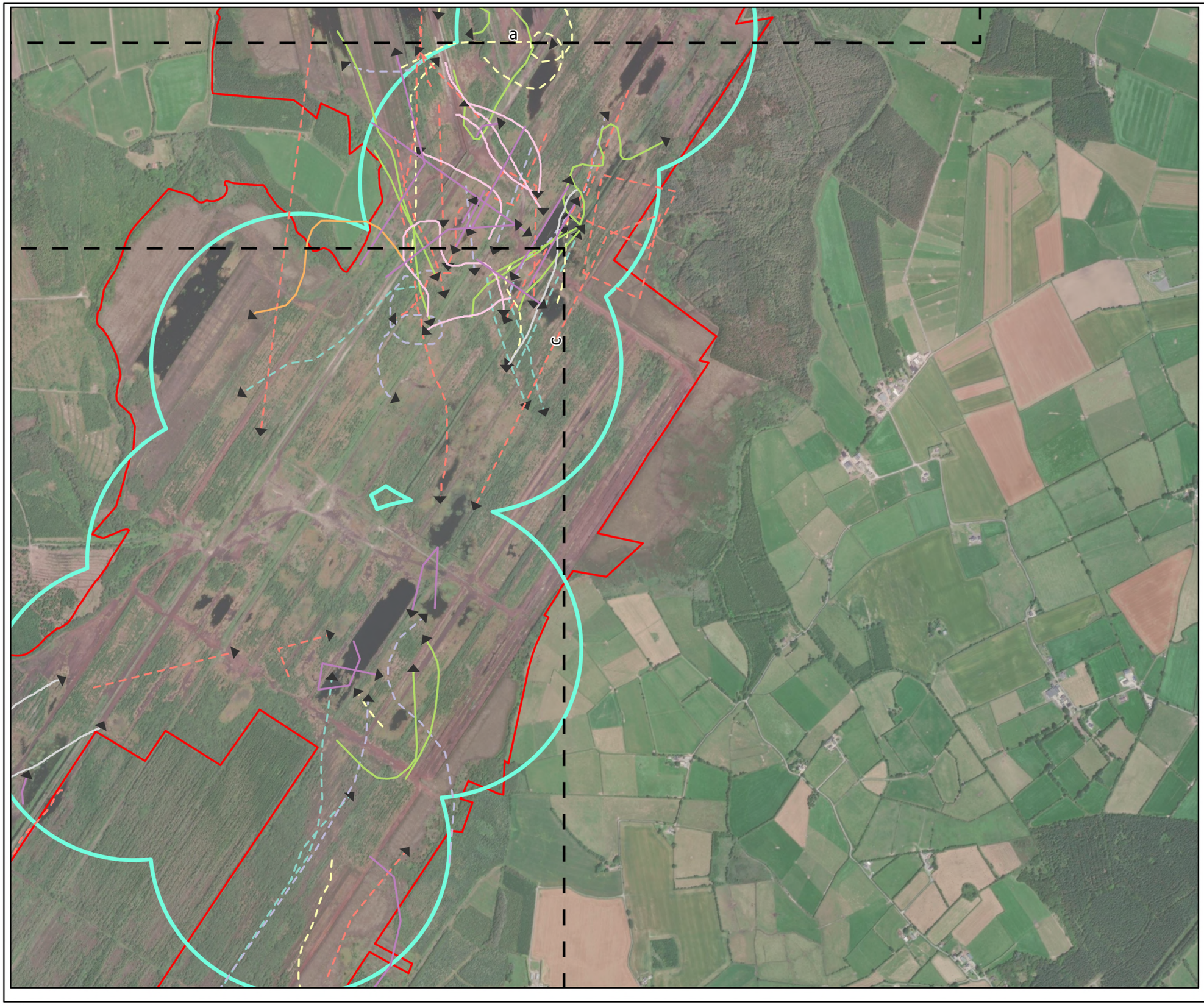

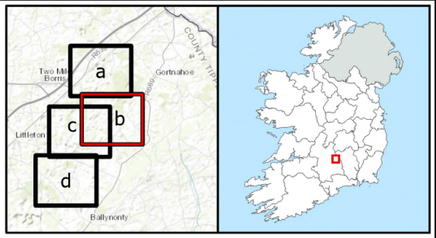

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- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
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- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

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TITLE:	Grey Heron - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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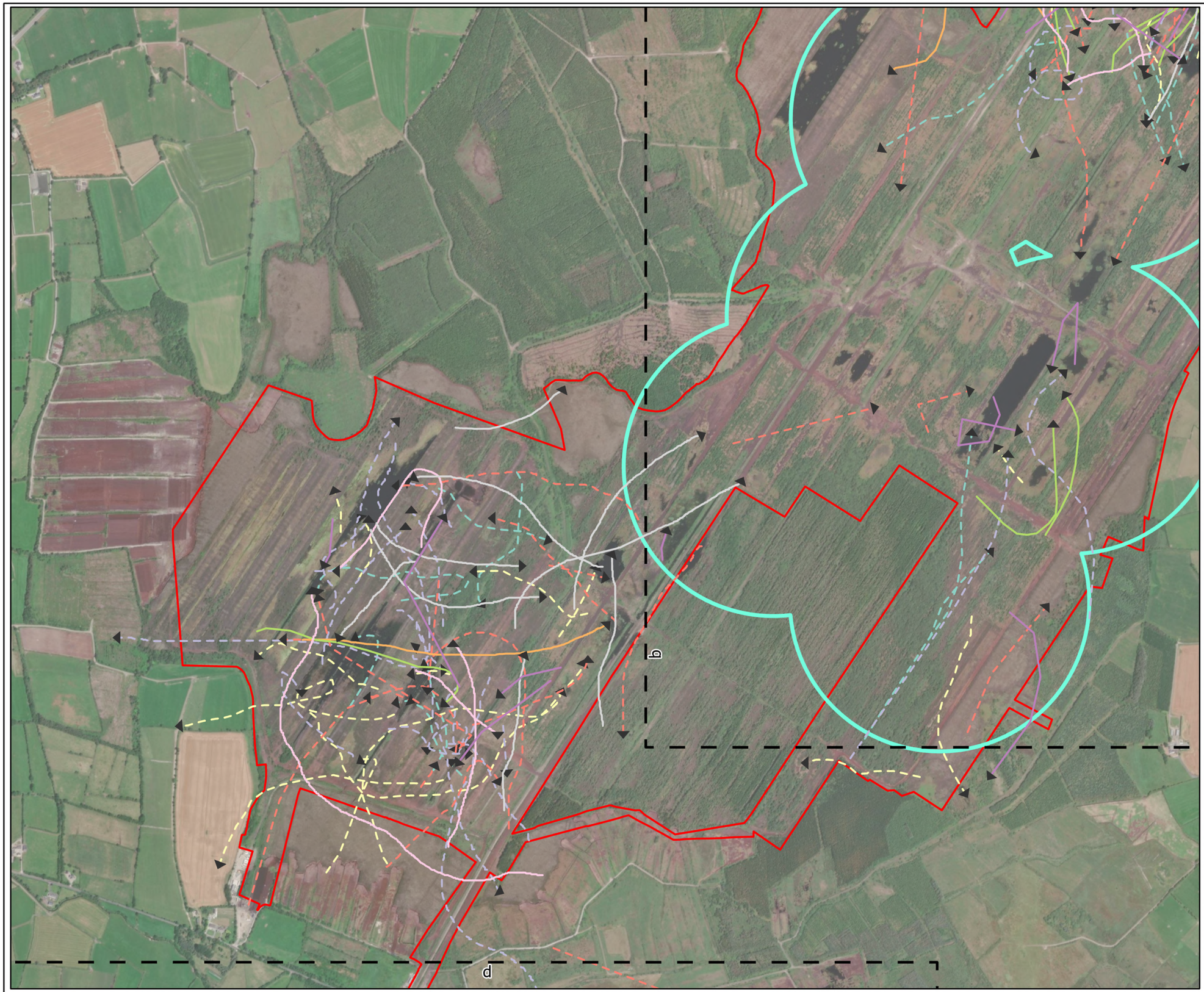

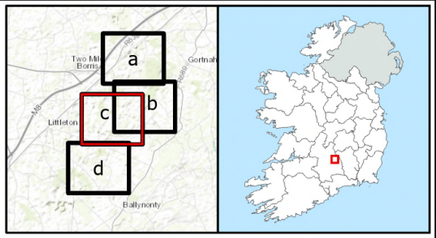

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- Index Panel
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TITLE:	Grey Heron - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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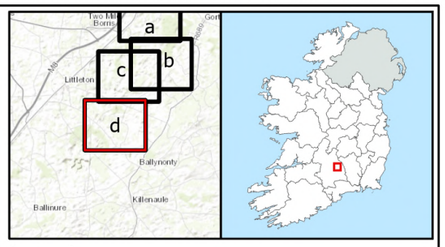

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TITLE:	Grey Heron - VP Survey Flightlines		
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FIGURE NO:	Appendix.d		
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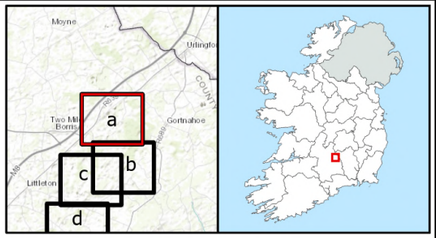

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N W E S

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TITLE:	Greylag Goose - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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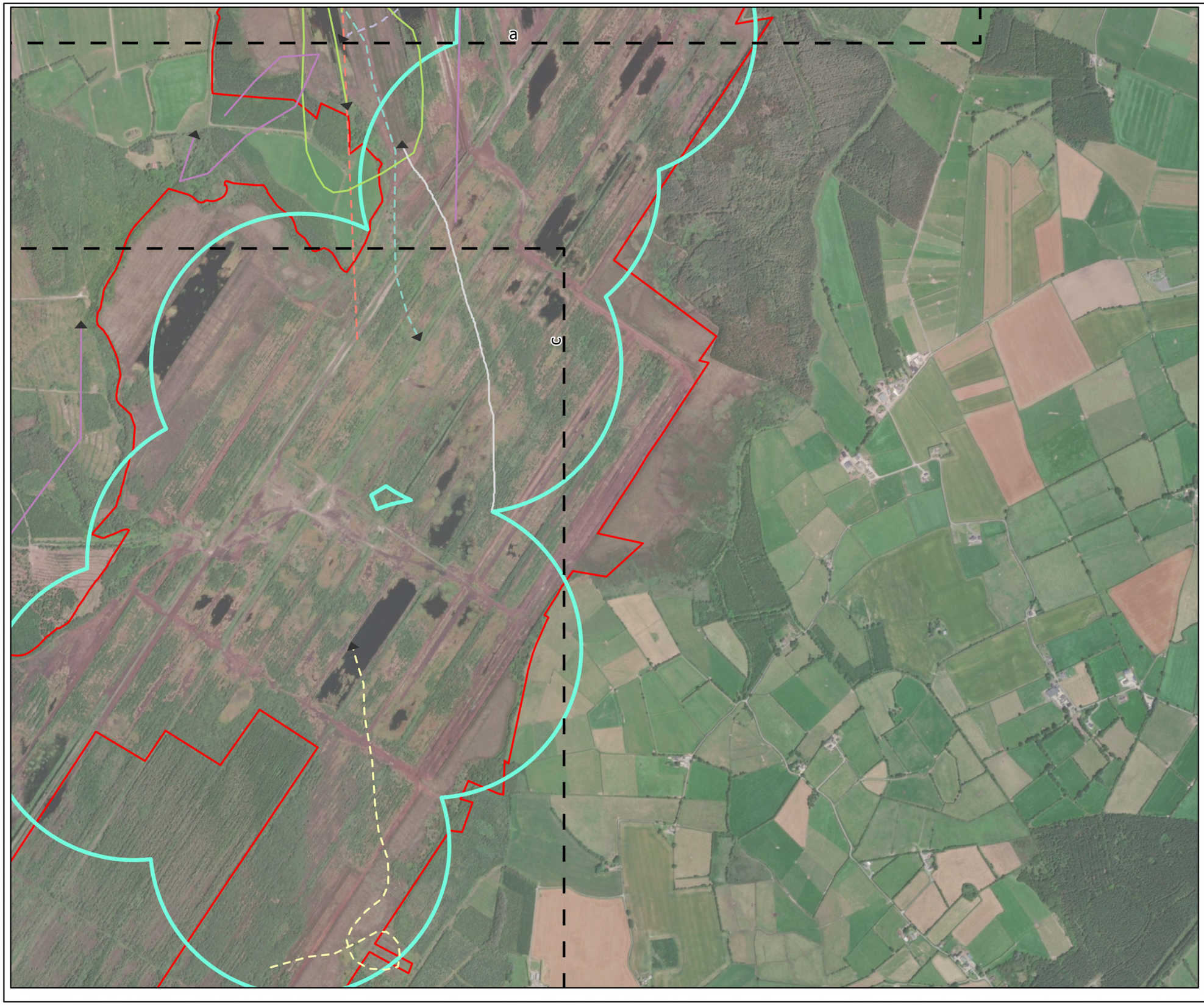

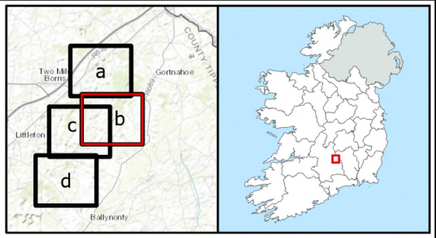

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TITLE:	Greylag Goose - VP Survey Flightlines		
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FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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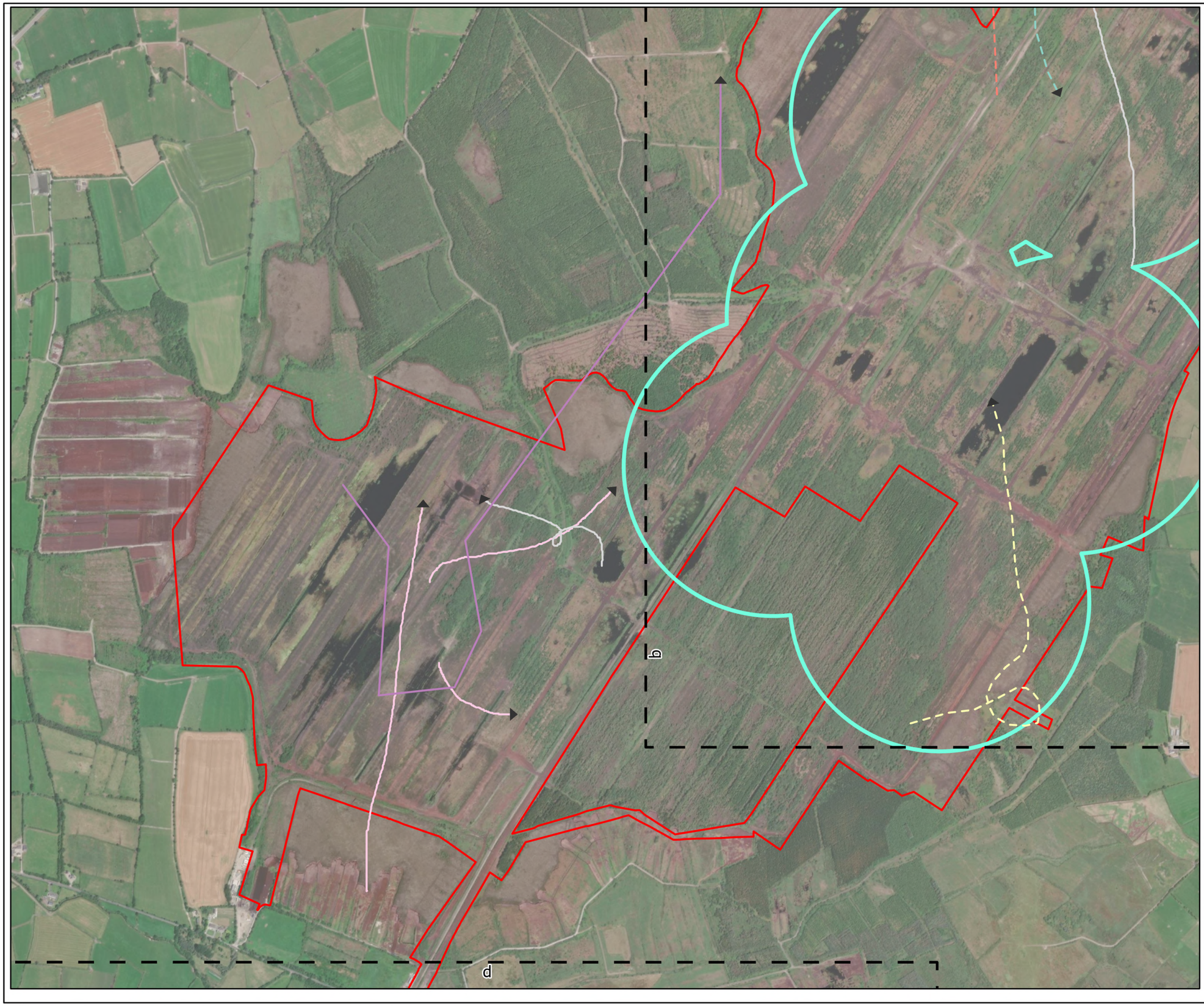

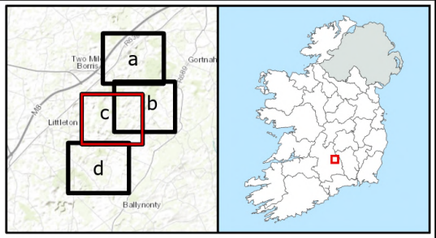

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TITLE:	Greylag Goose - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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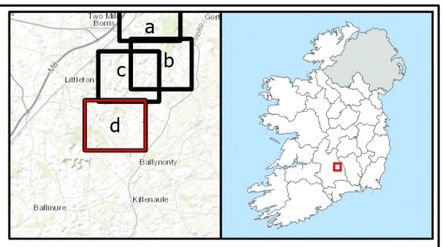

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- Turbine Buffer 500m
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TITLE:	Greylag Goose - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
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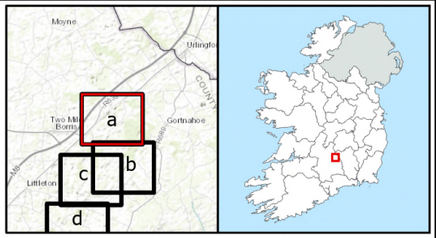

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TITLE: Hen Harrier - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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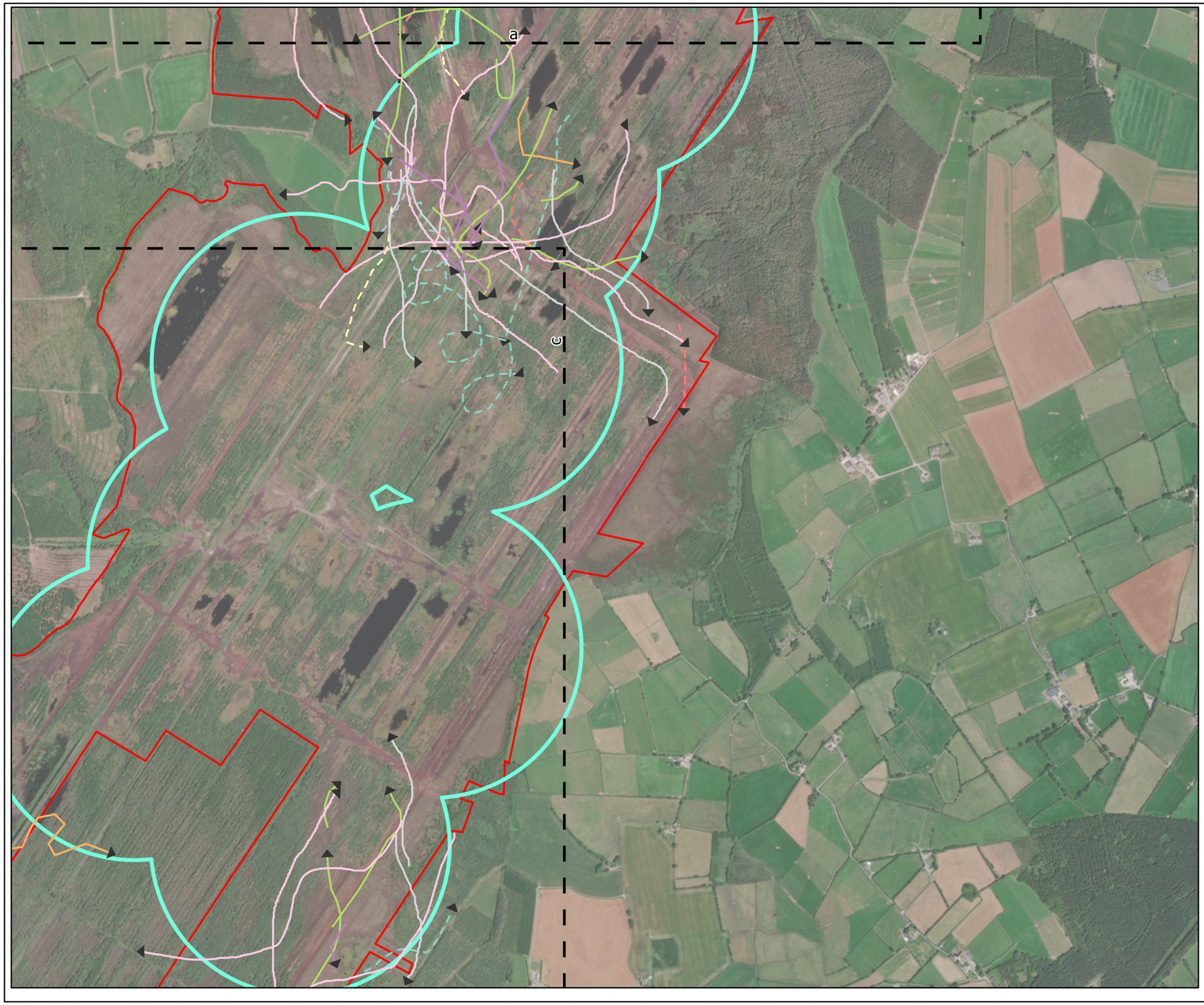

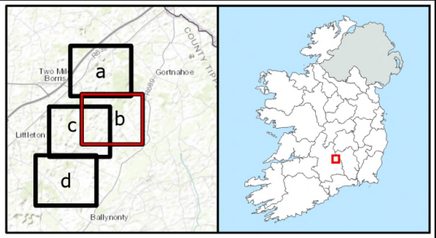

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TITLE:	Hen Harrier - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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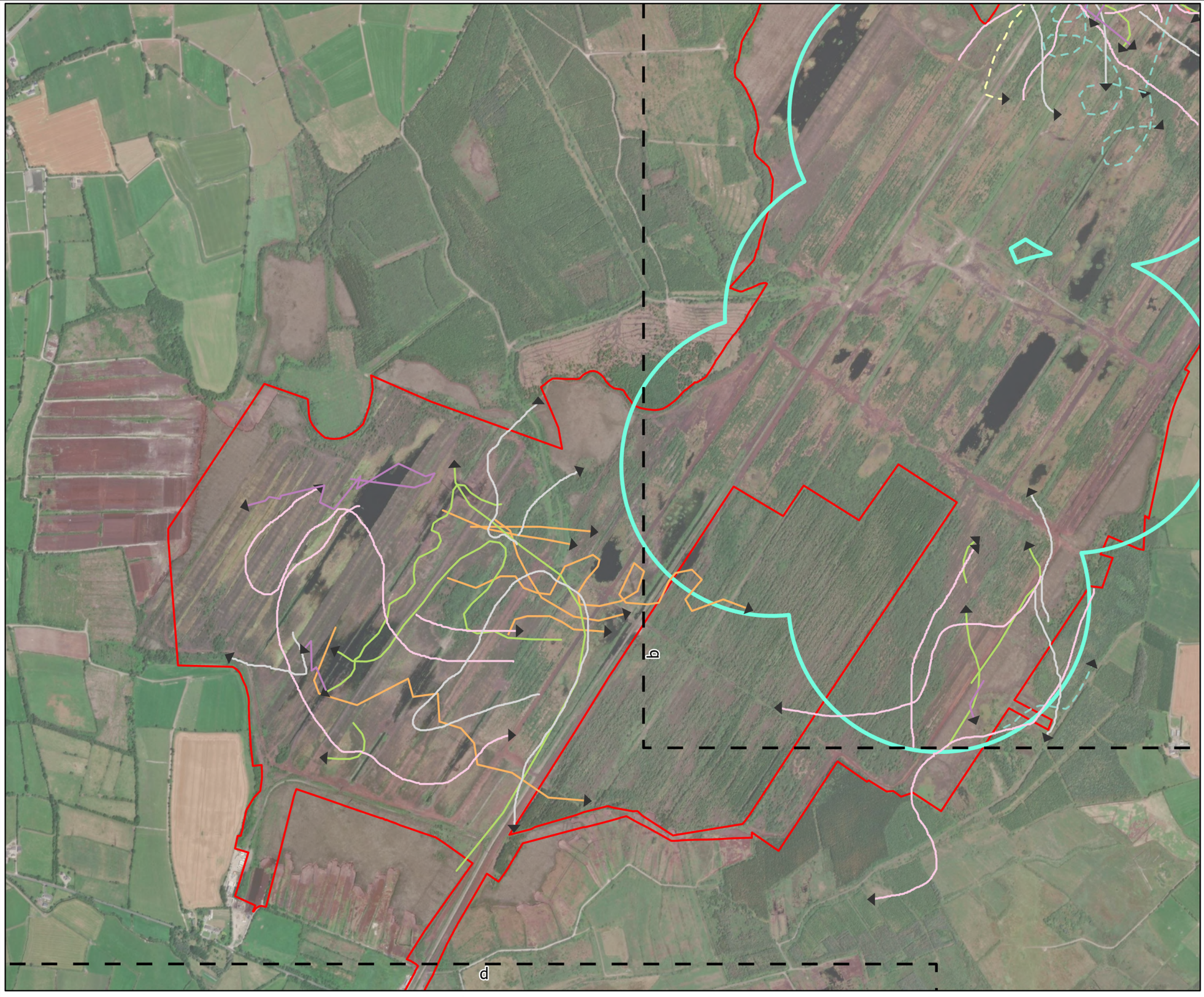

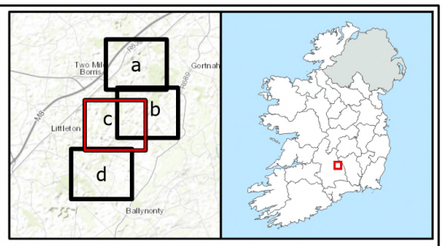

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TITLE:	Hen Harrier - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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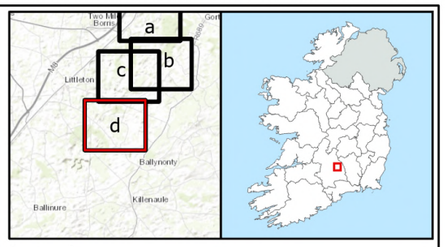

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TITLE:	Hen Harrier - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
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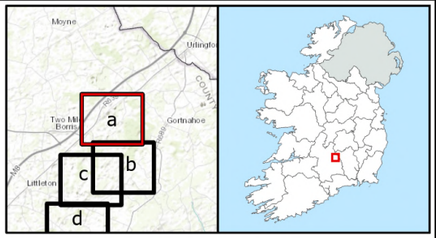

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TITLE:	Kestrel - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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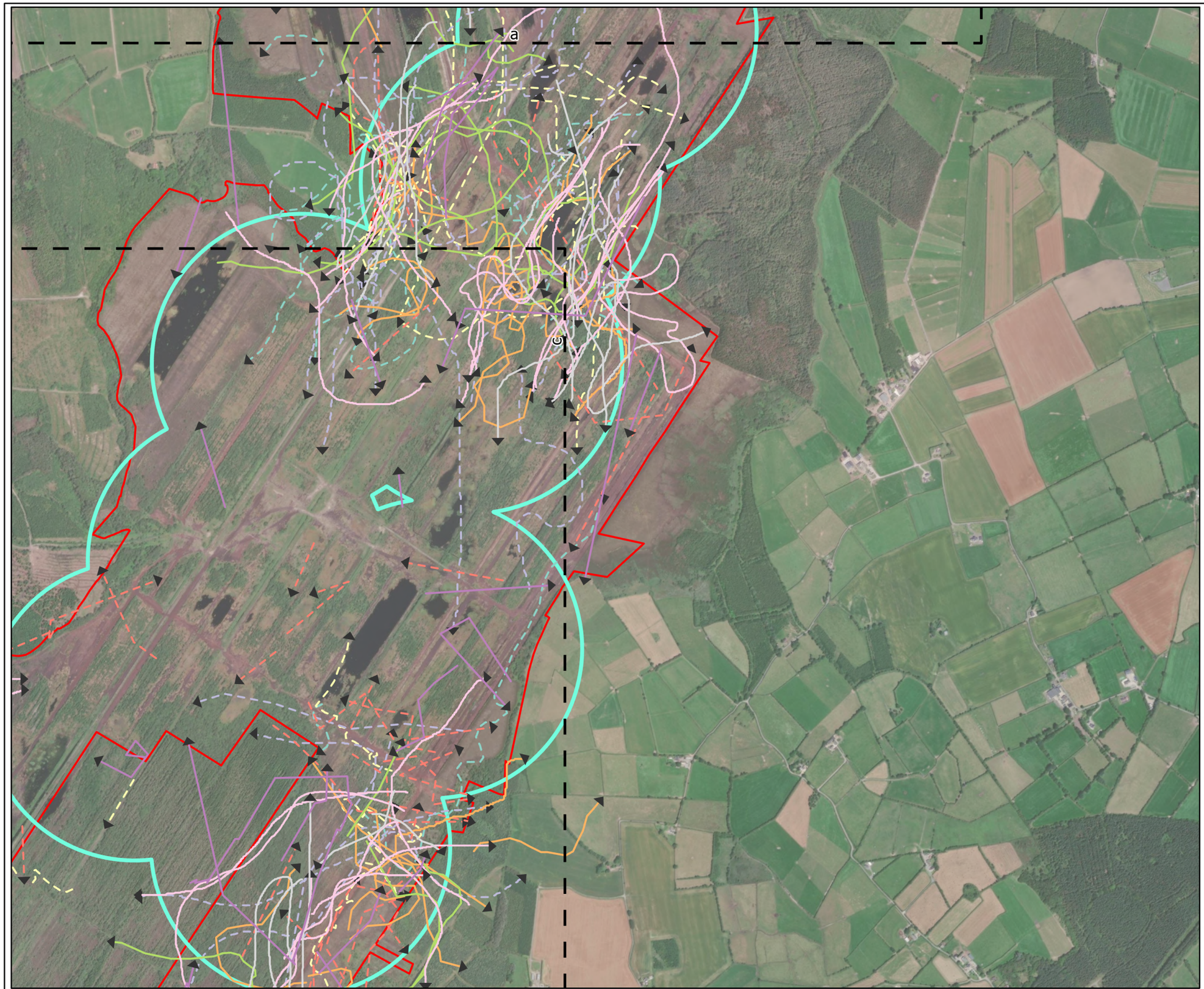

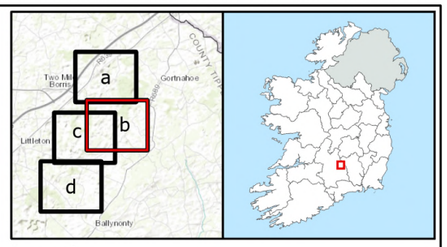

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TITLE: Kestrel - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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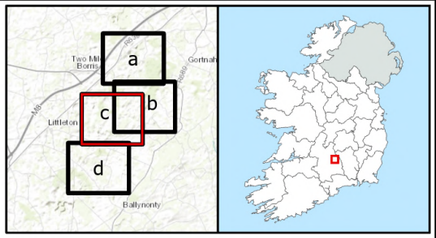

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TITLE:	Kestrel - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
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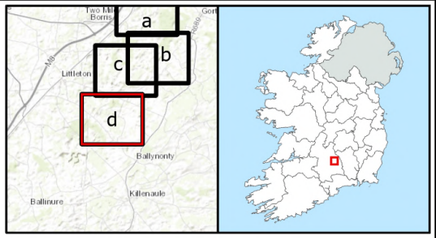

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

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0 0.25 0.5 1 Kilometers

TITLE:	Kestrel - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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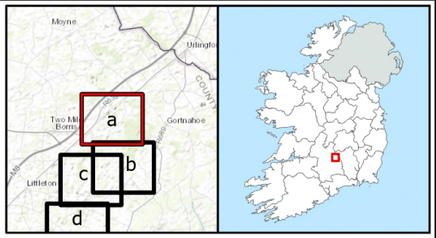

Legend

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- Turbine Buffer 500m
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- Summer 2023
- Winter 2020/2021
- Winter 2021/2022
- Winter 2024/2025

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TITLE:	Lapwing - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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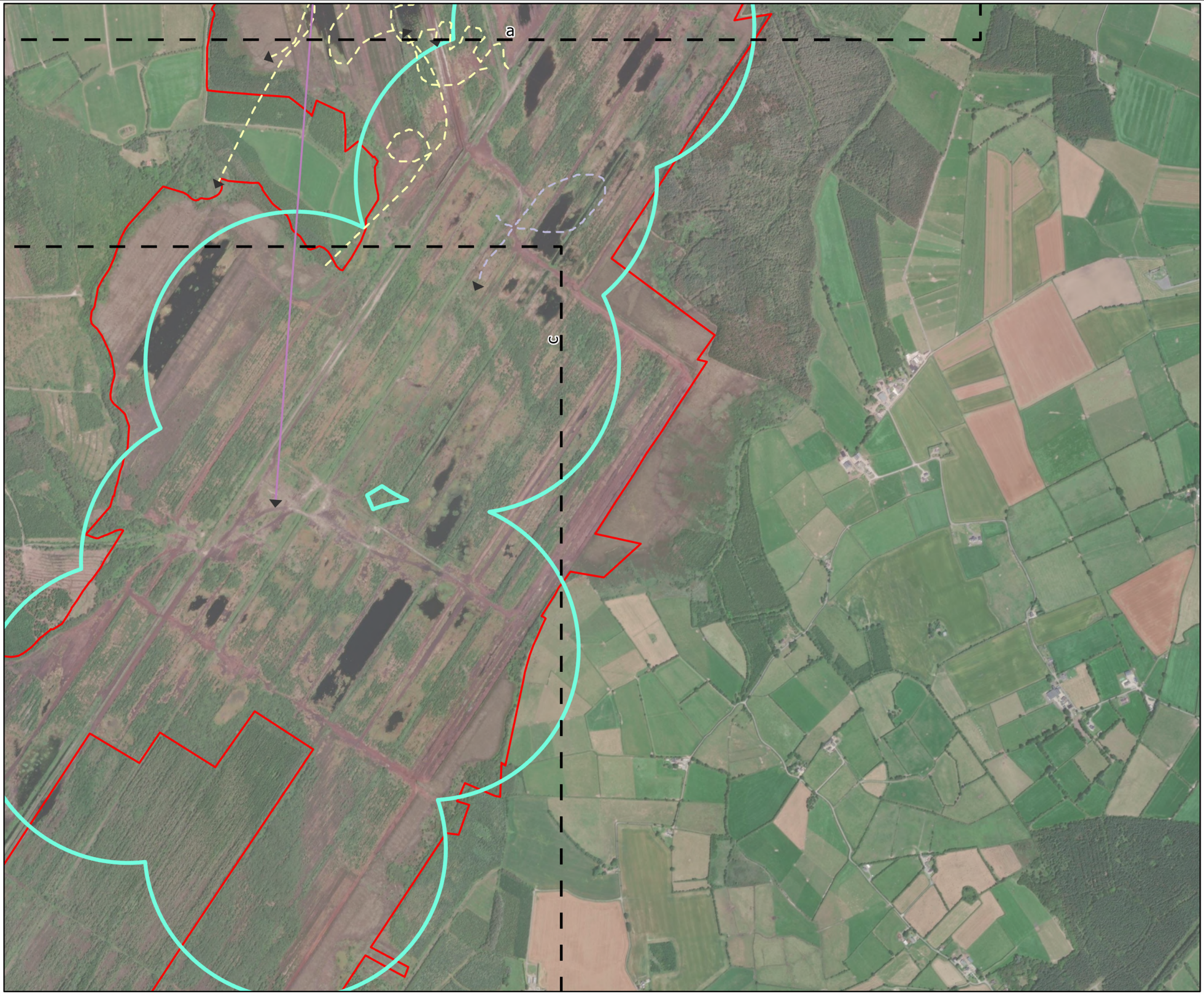

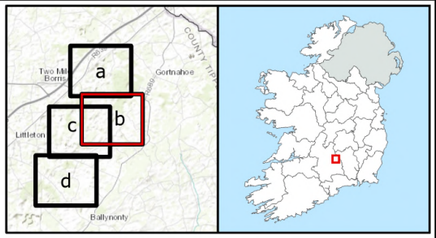

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TITLE:	Lapwing - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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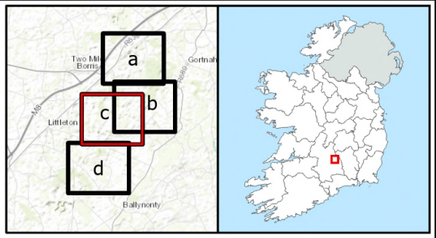

Legend

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TITLE:	Lapwing - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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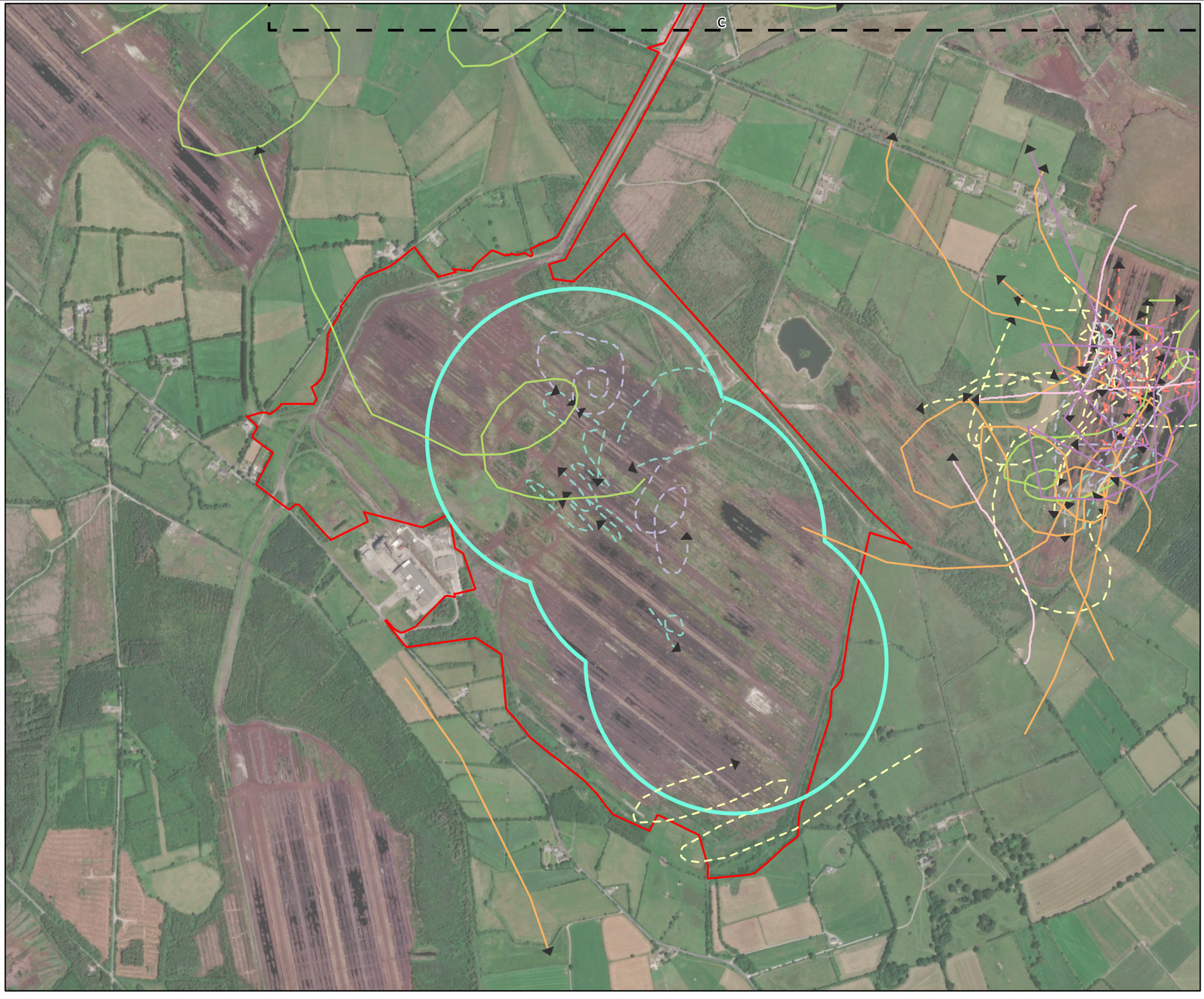

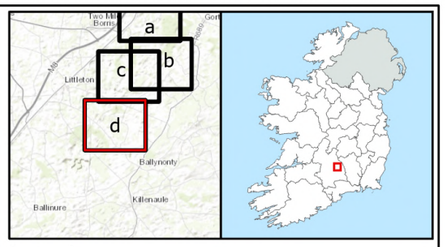

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TITLE: Lapwing - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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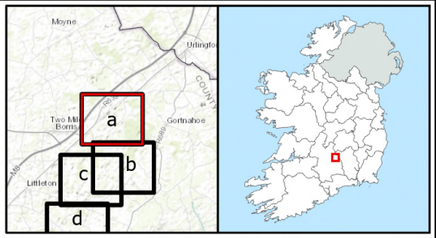

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N W E S

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TITLE:	Lesser Black-Backed Gull - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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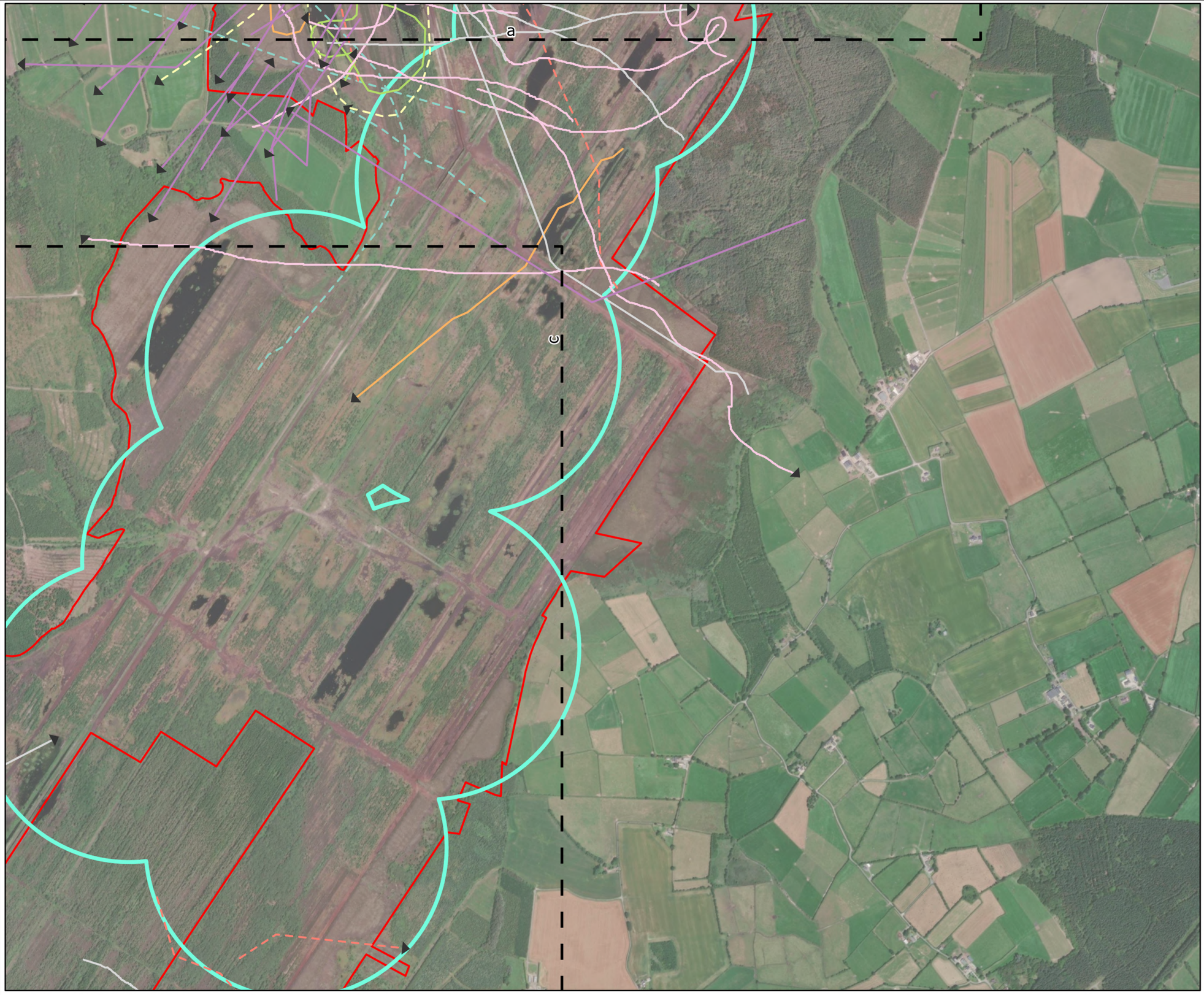

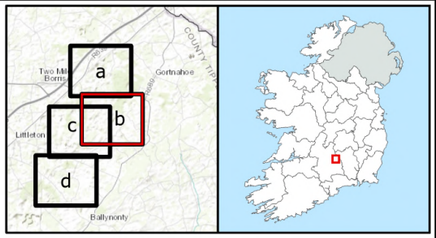

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TITLE: Lesser Black-Backed Gull - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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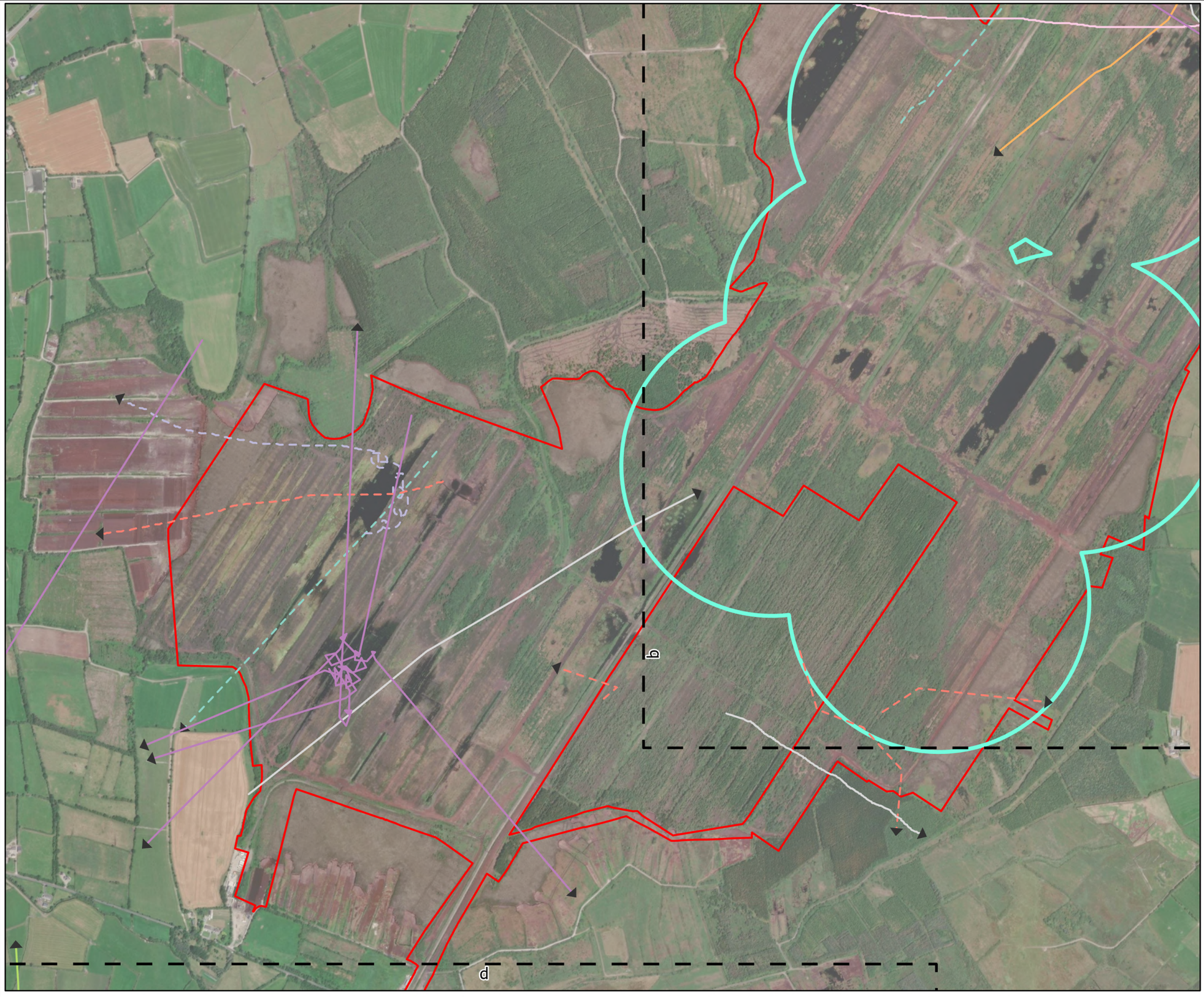

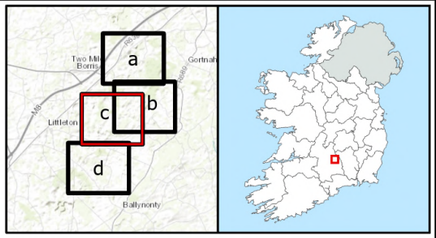

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TITLE:	Lesser Black-Backed Gull - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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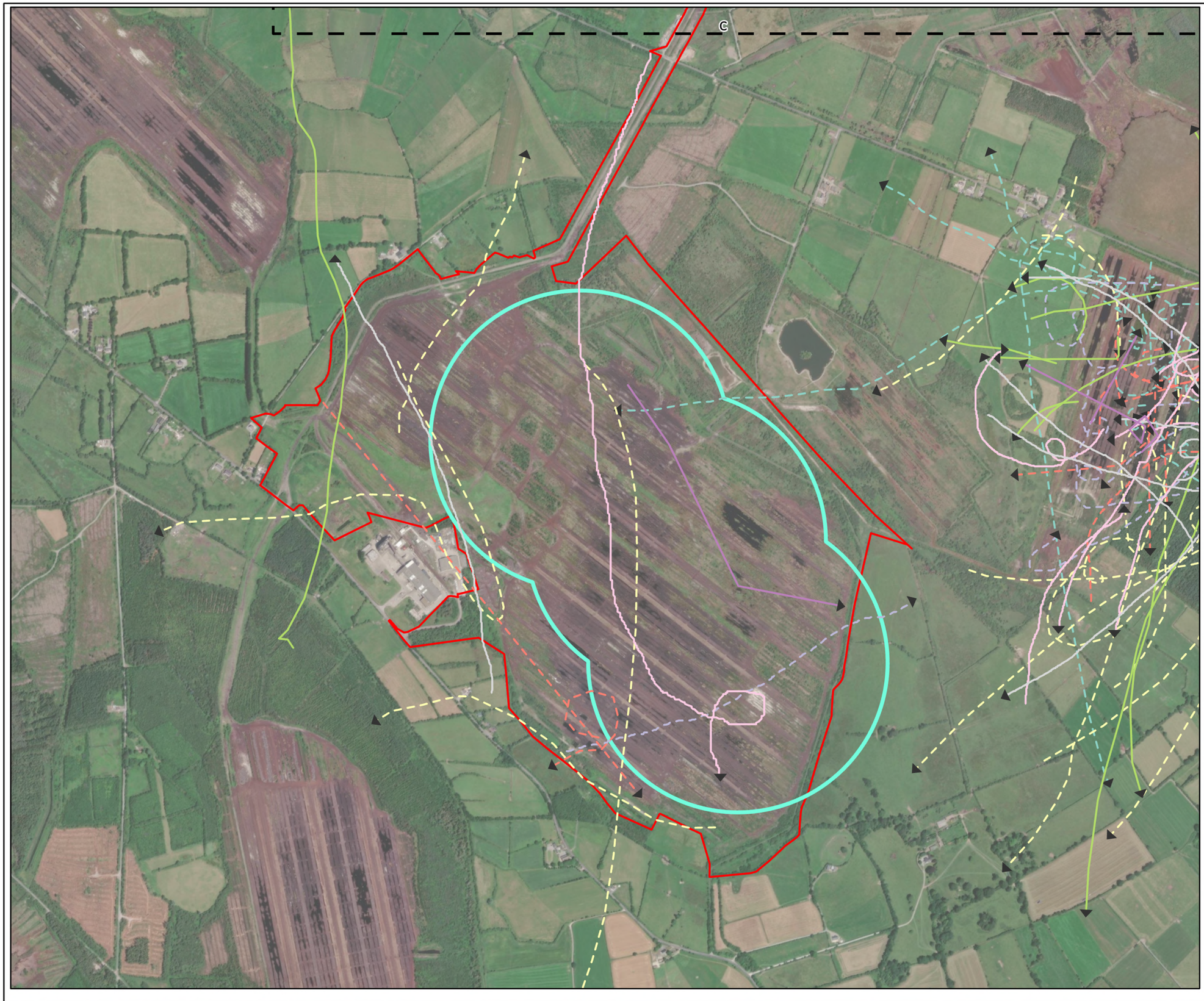

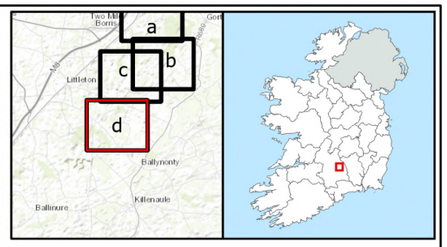

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TITLE: Lesser Black-Backed Gull - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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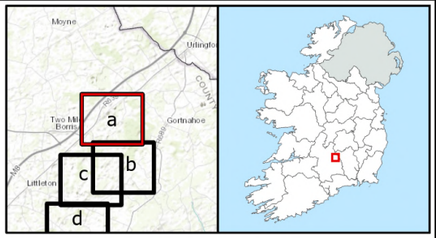

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TITLE:	Little Egret - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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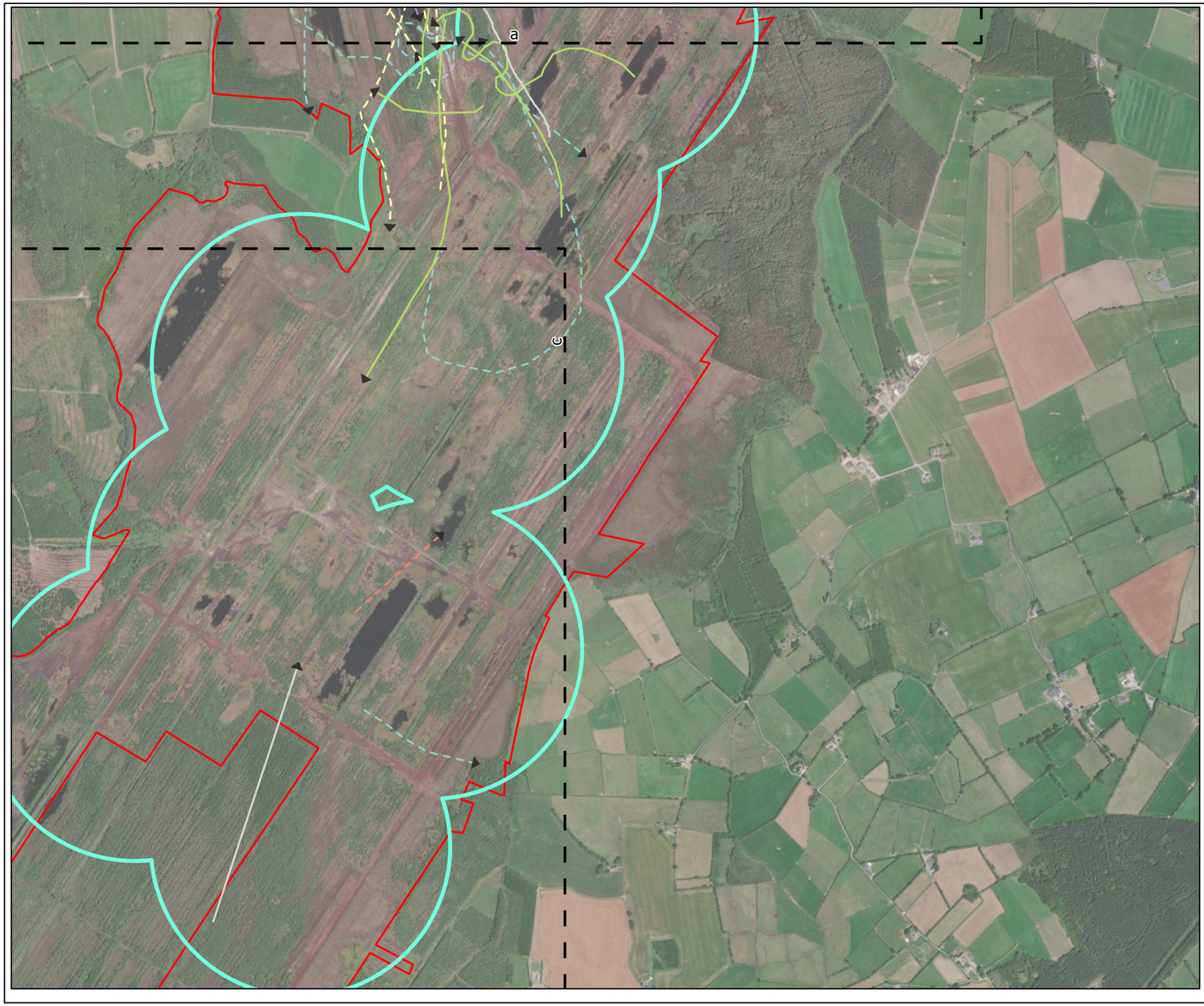

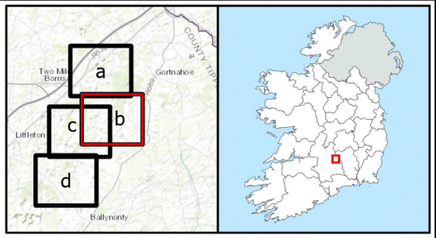

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TITLE:	Little Egret - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
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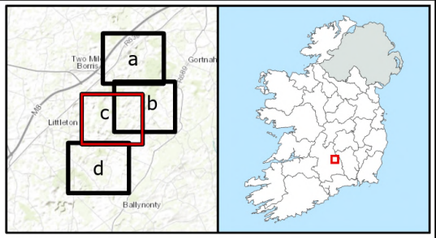

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TITLE:	Little Egret - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
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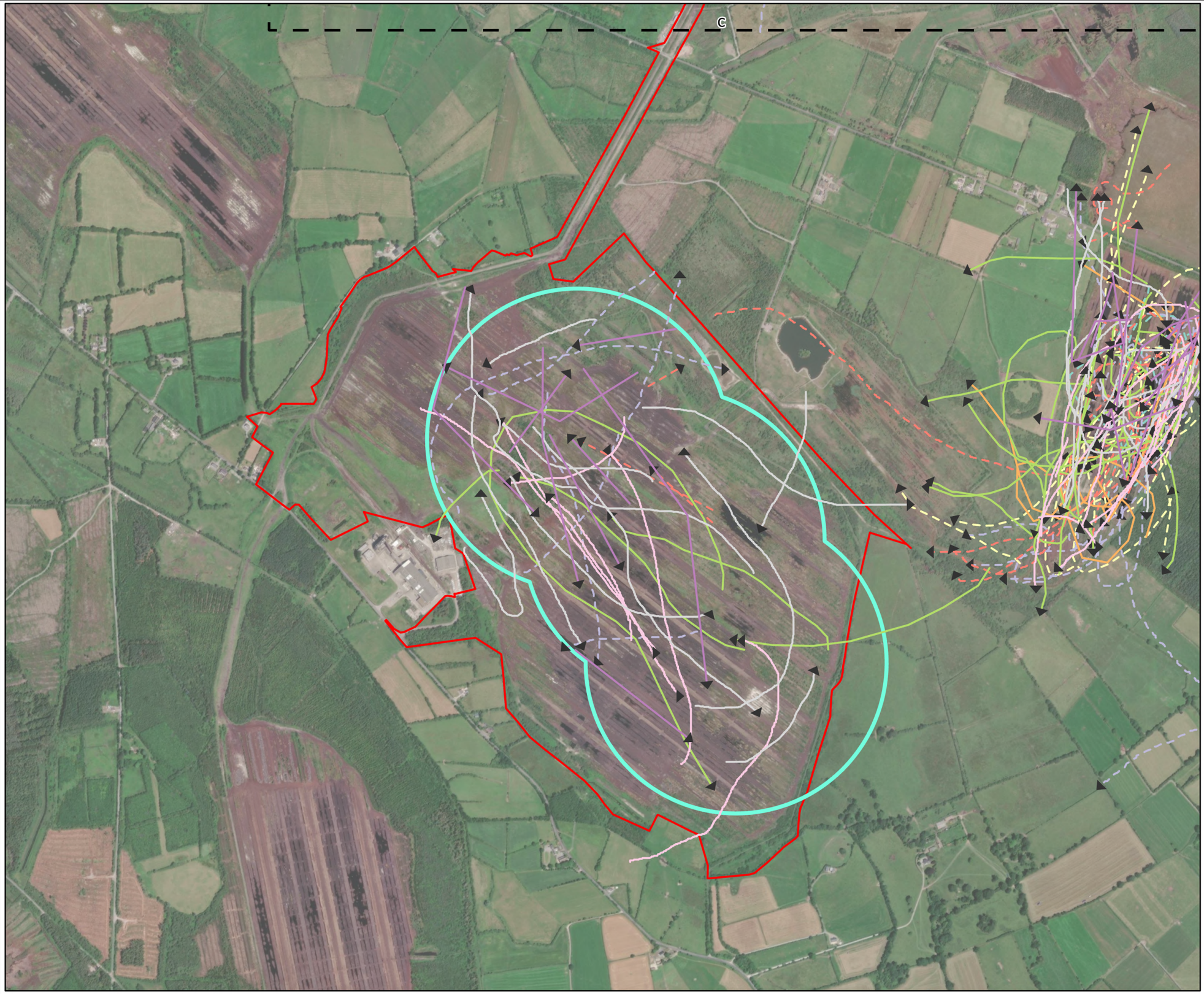

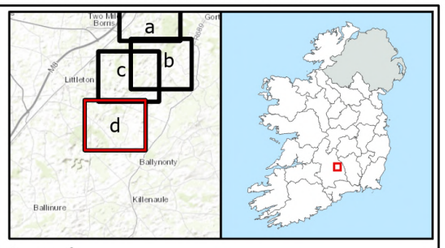

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TITLE:	Little Egret - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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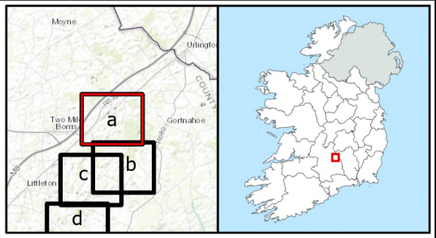

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TITLE:	Mallard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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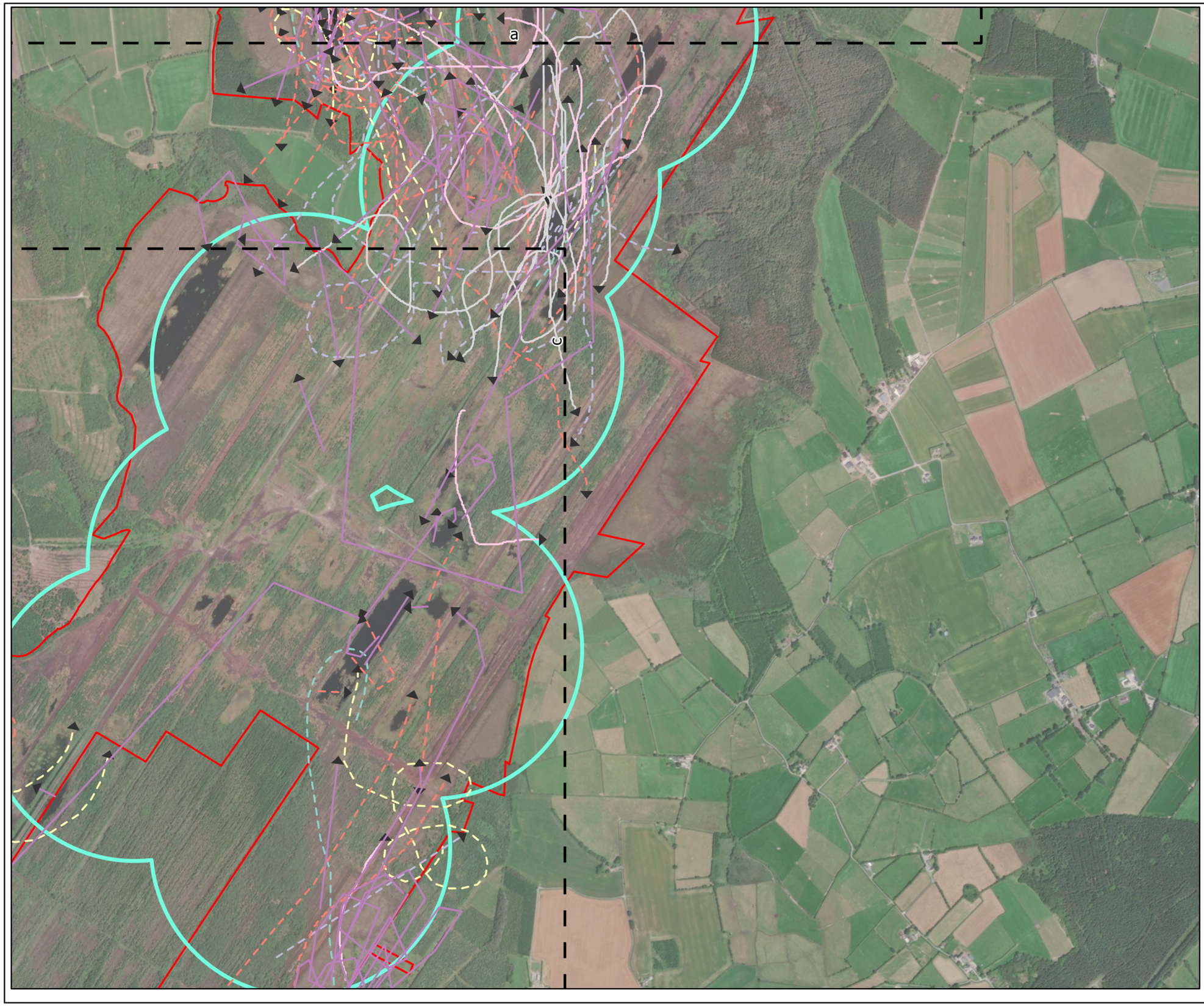

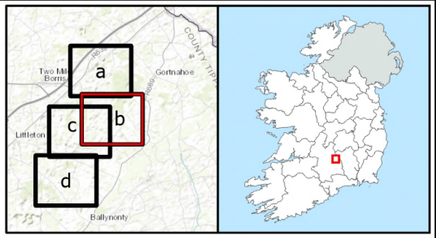

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- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

TITLE:	Mallard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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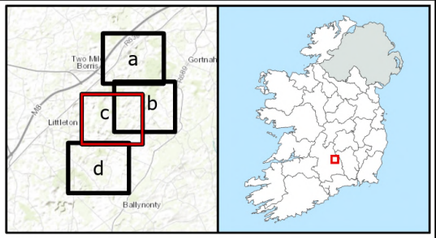

Legend

- Site Boundary
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- Turbine Buffer 500m
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- Winter 2024/2025

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TITLE:	Mallard - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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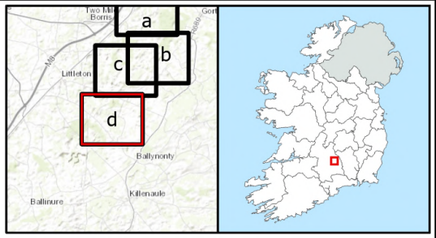

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TITLE:	Mallard - VP Survey Flightlines		
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FIGURE NO:	Appendix.d		
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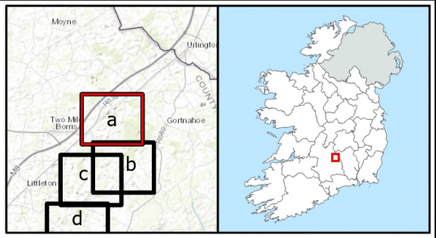

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TITLE:	Marsh Harrier - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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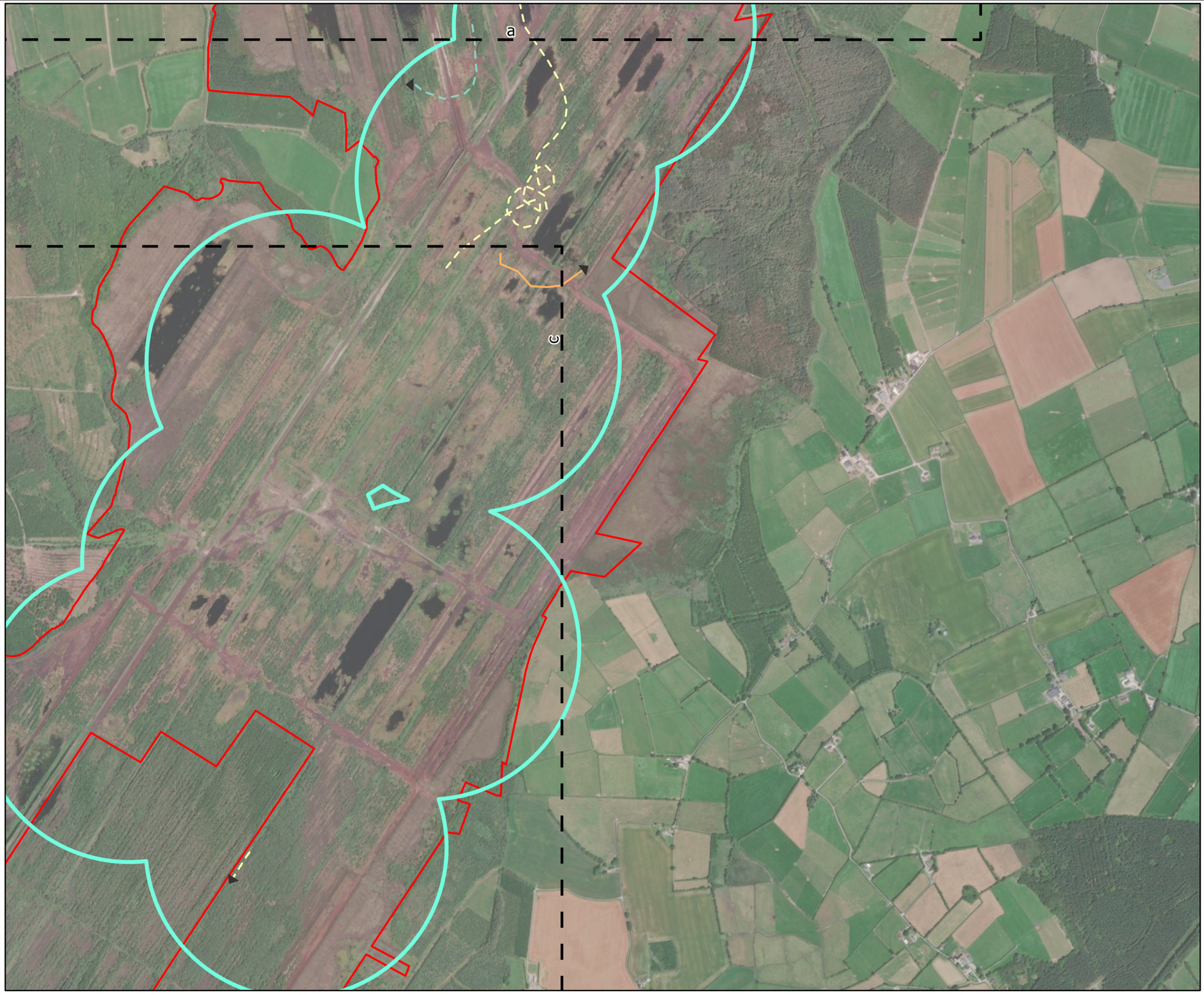

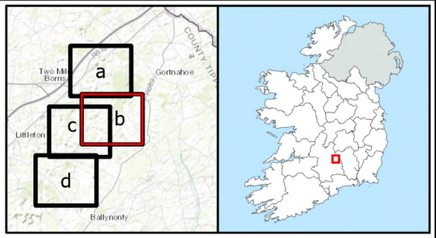

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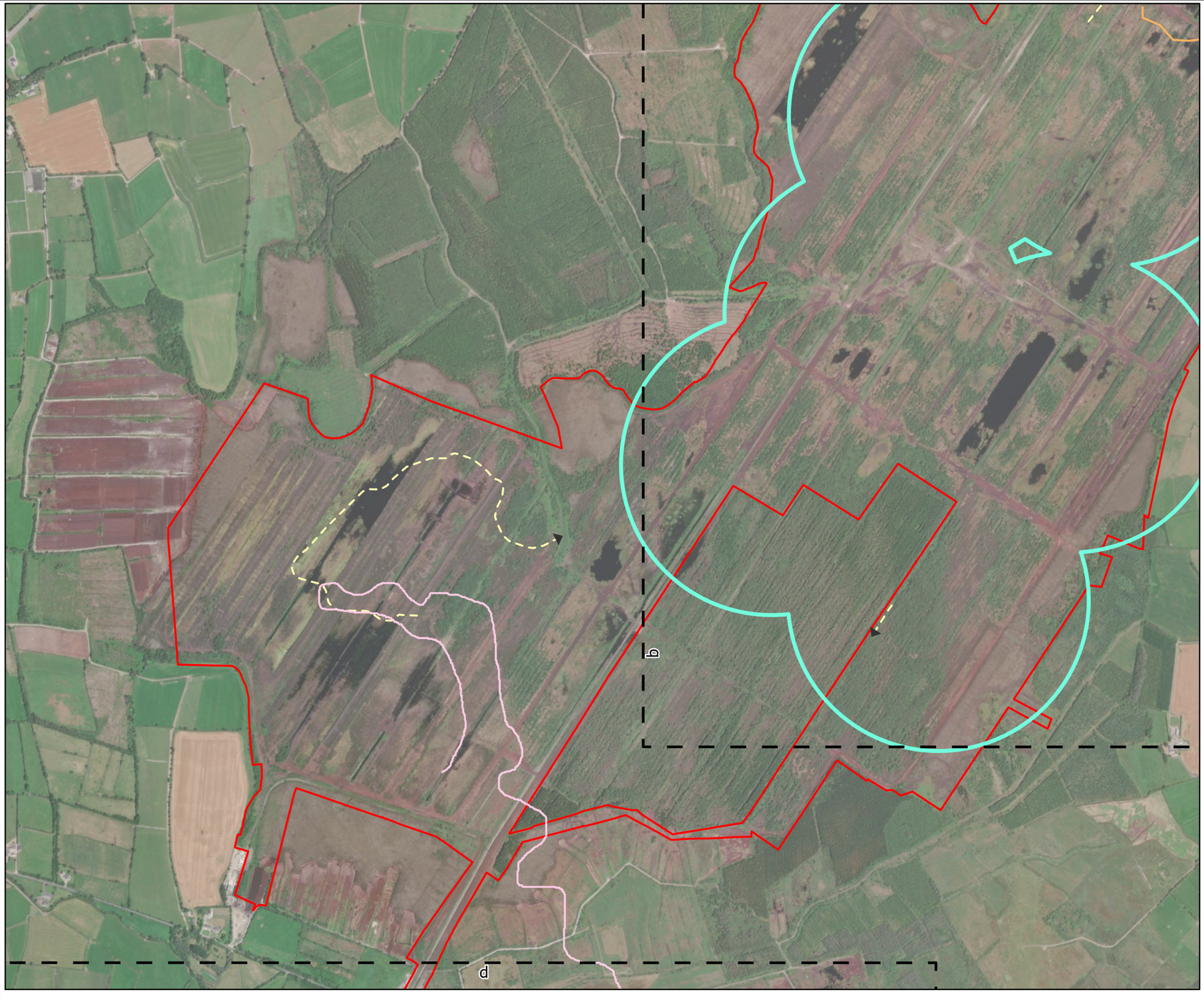

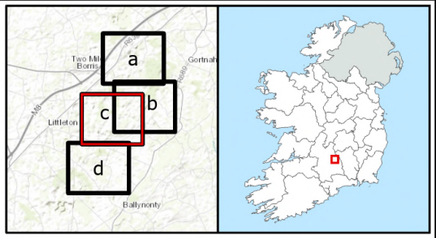

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TITLE:	Marsh Harrier - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
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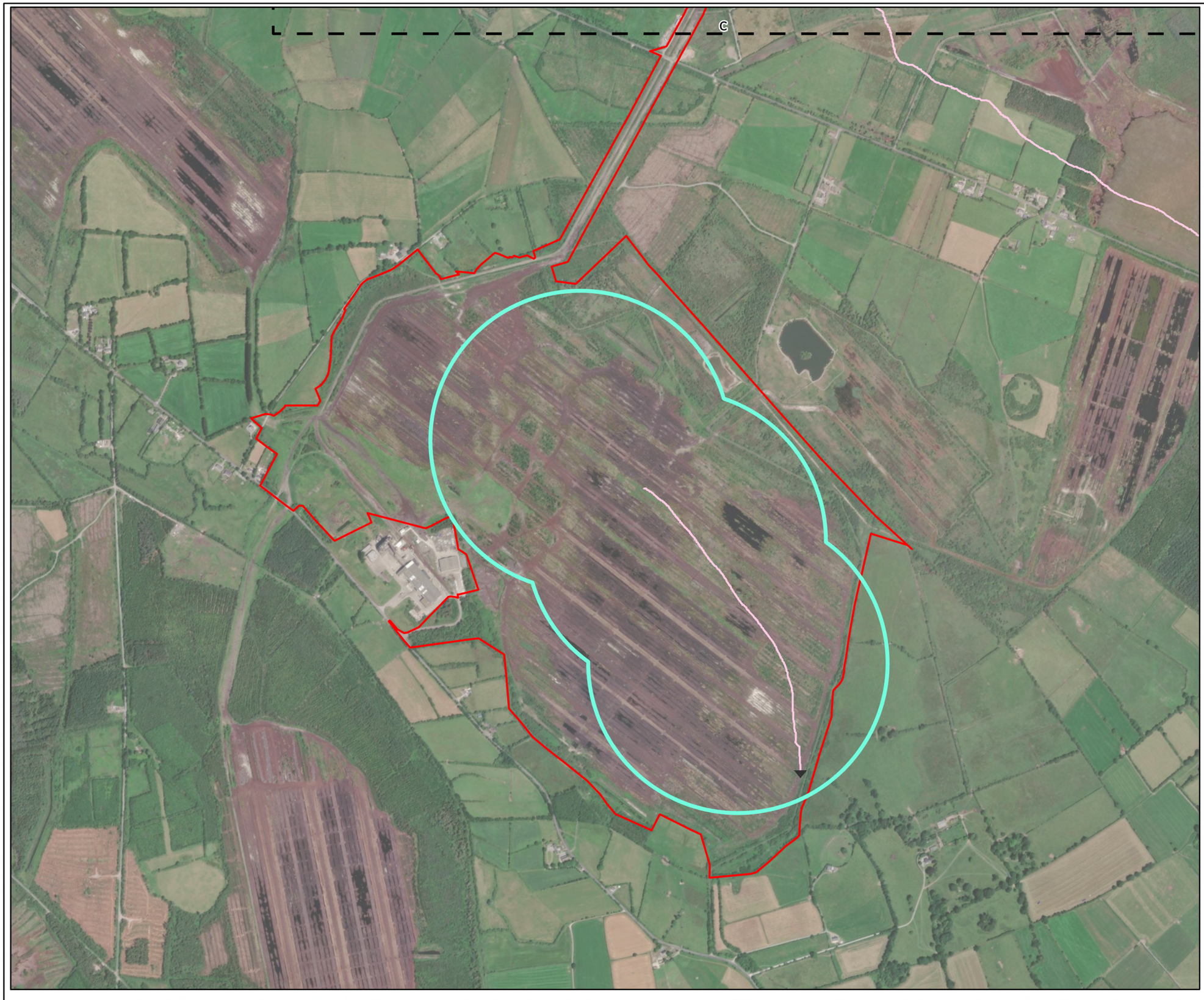

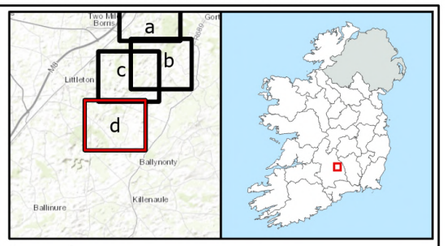

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PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
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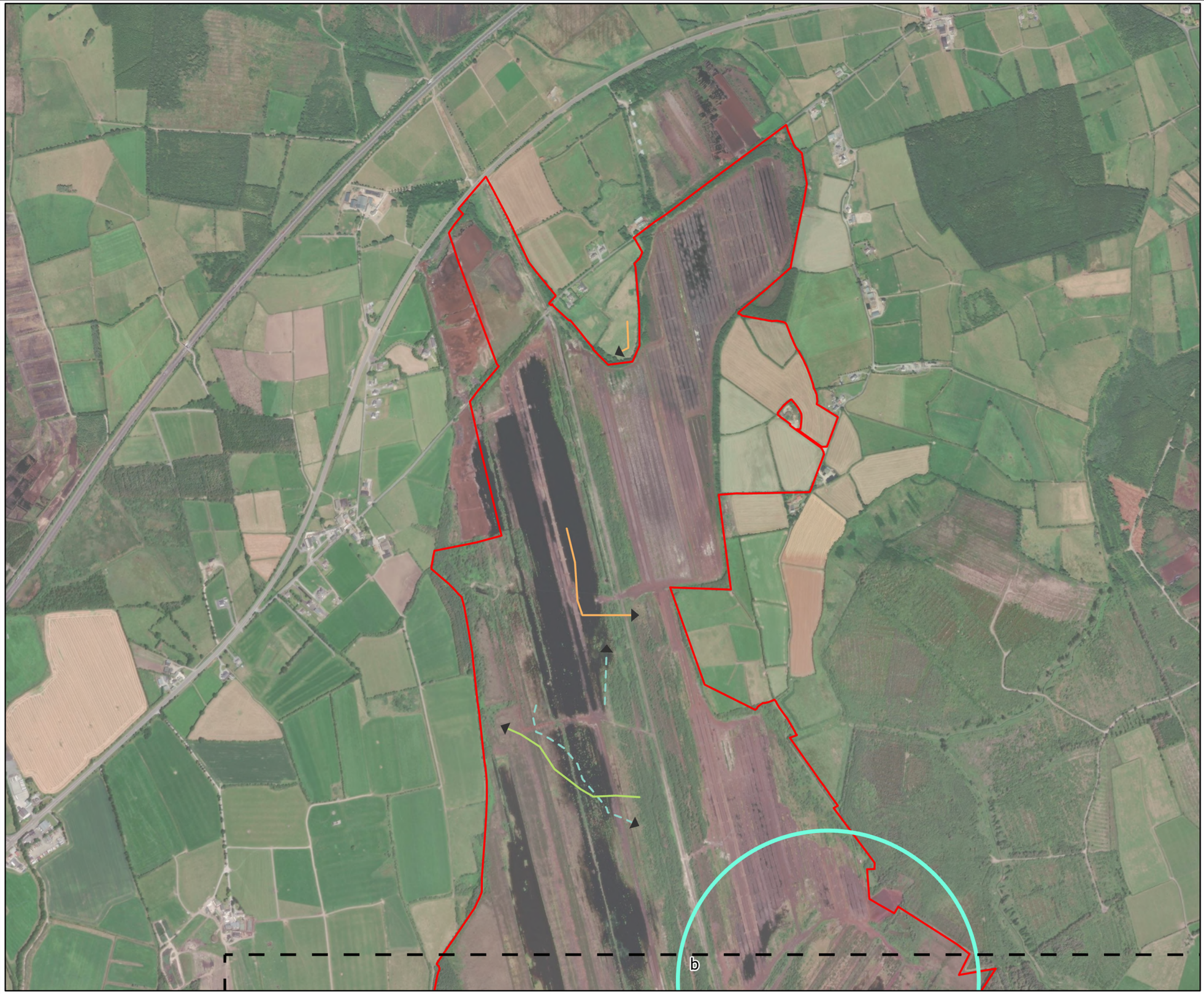

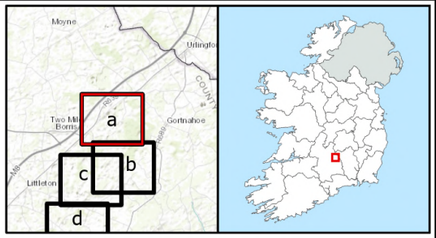

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TITLE:	Merlin - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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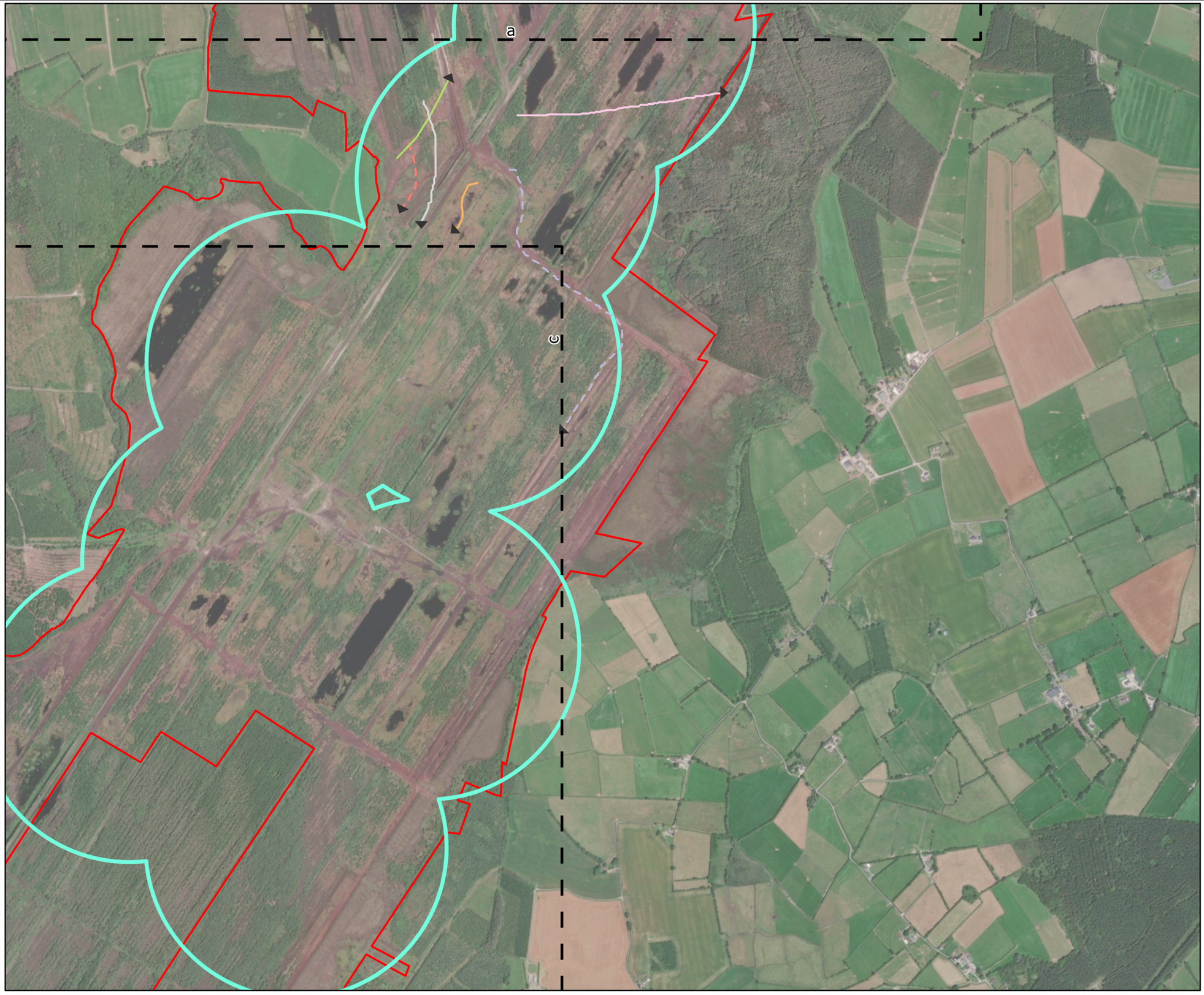

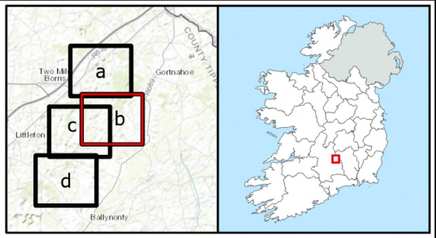

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TITLE:	Merlin - VP Survey Flightlines		
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FIGURE NO:	Appendix.b		
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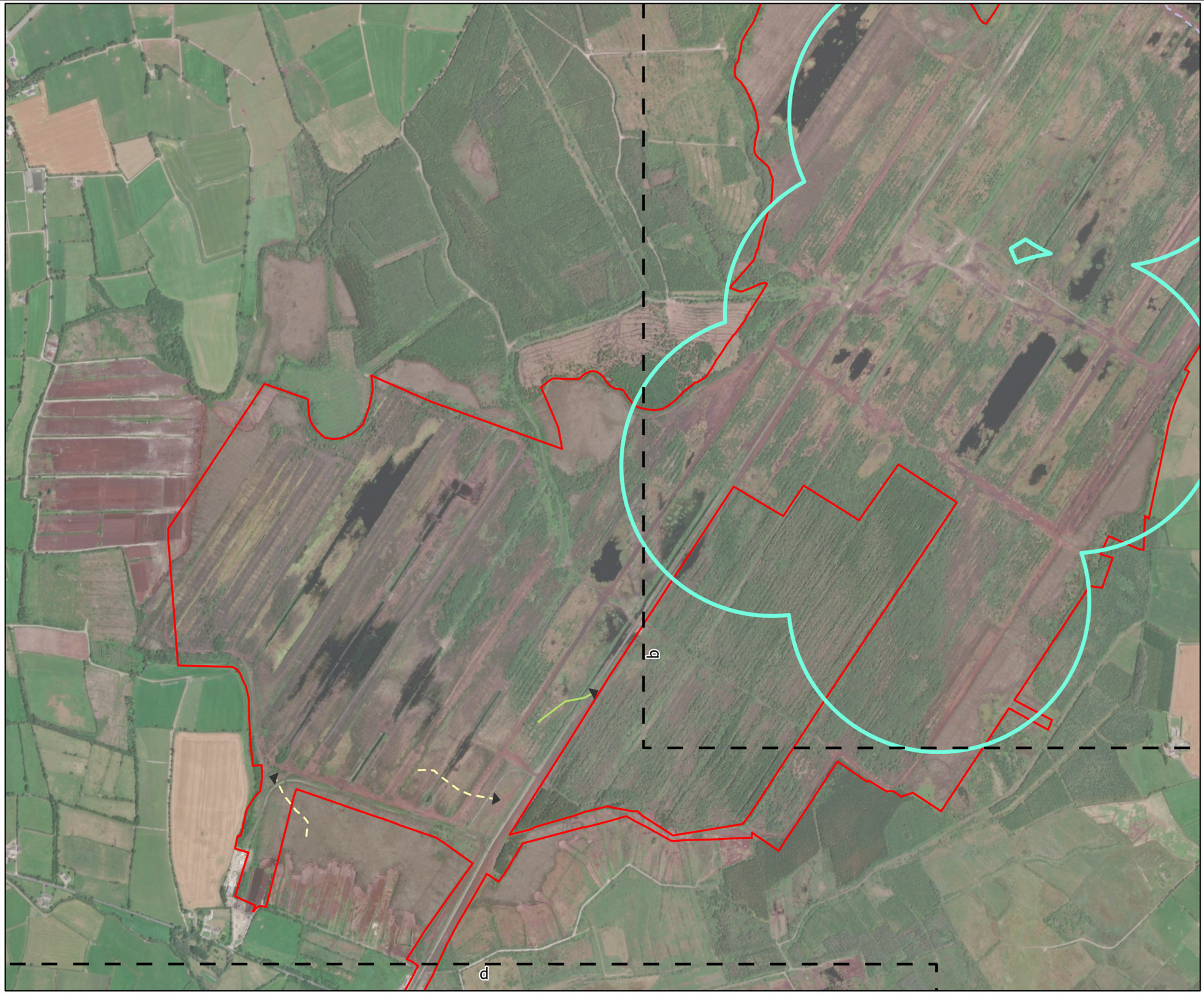

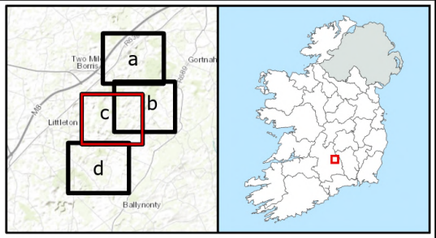

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N W E S

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TITLE:	Merlin - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
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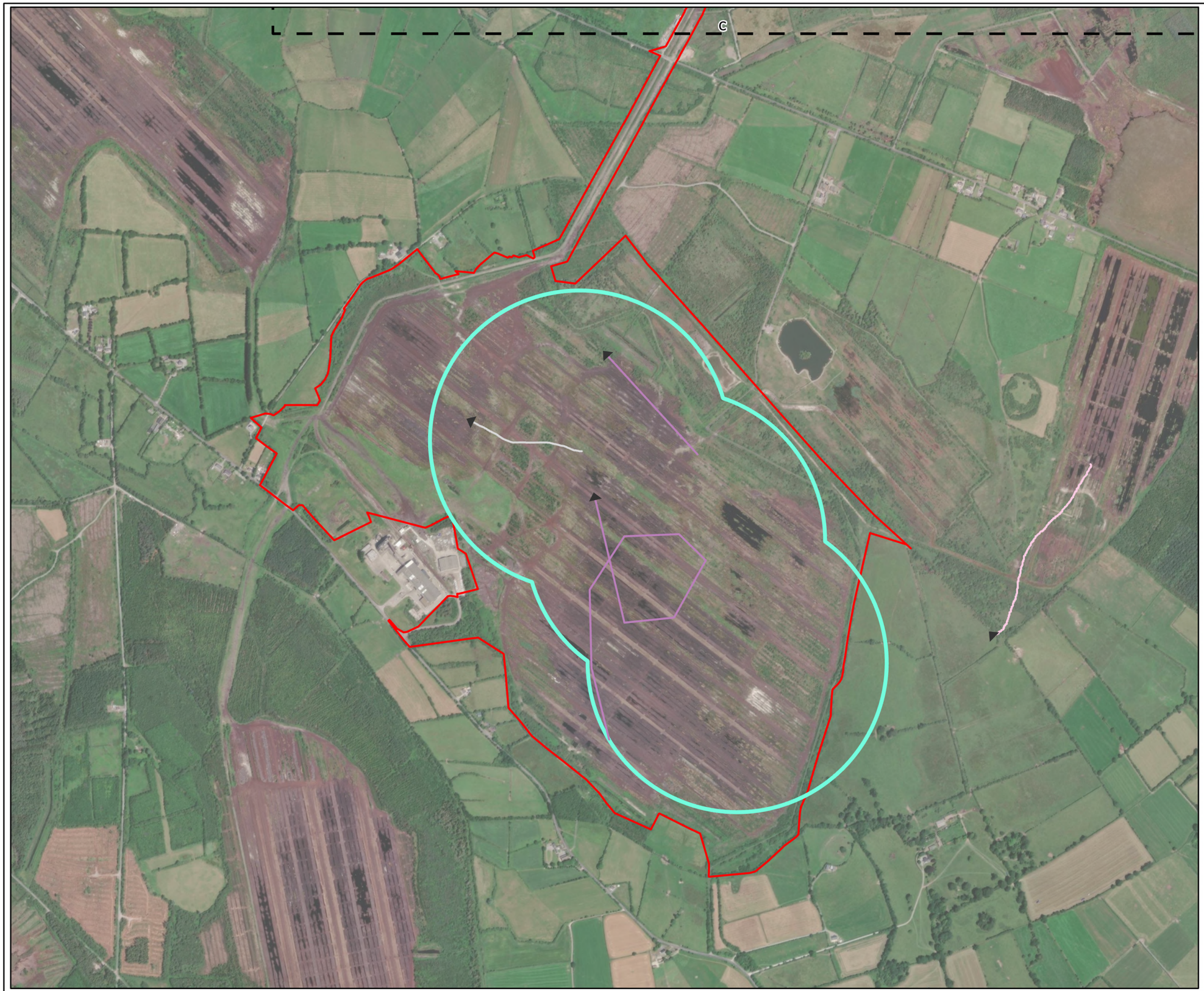

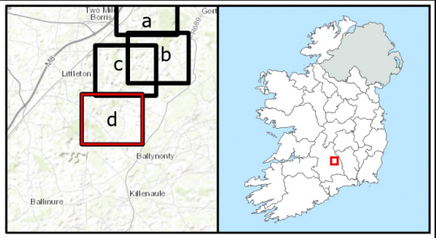

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TITLE:	Merlin - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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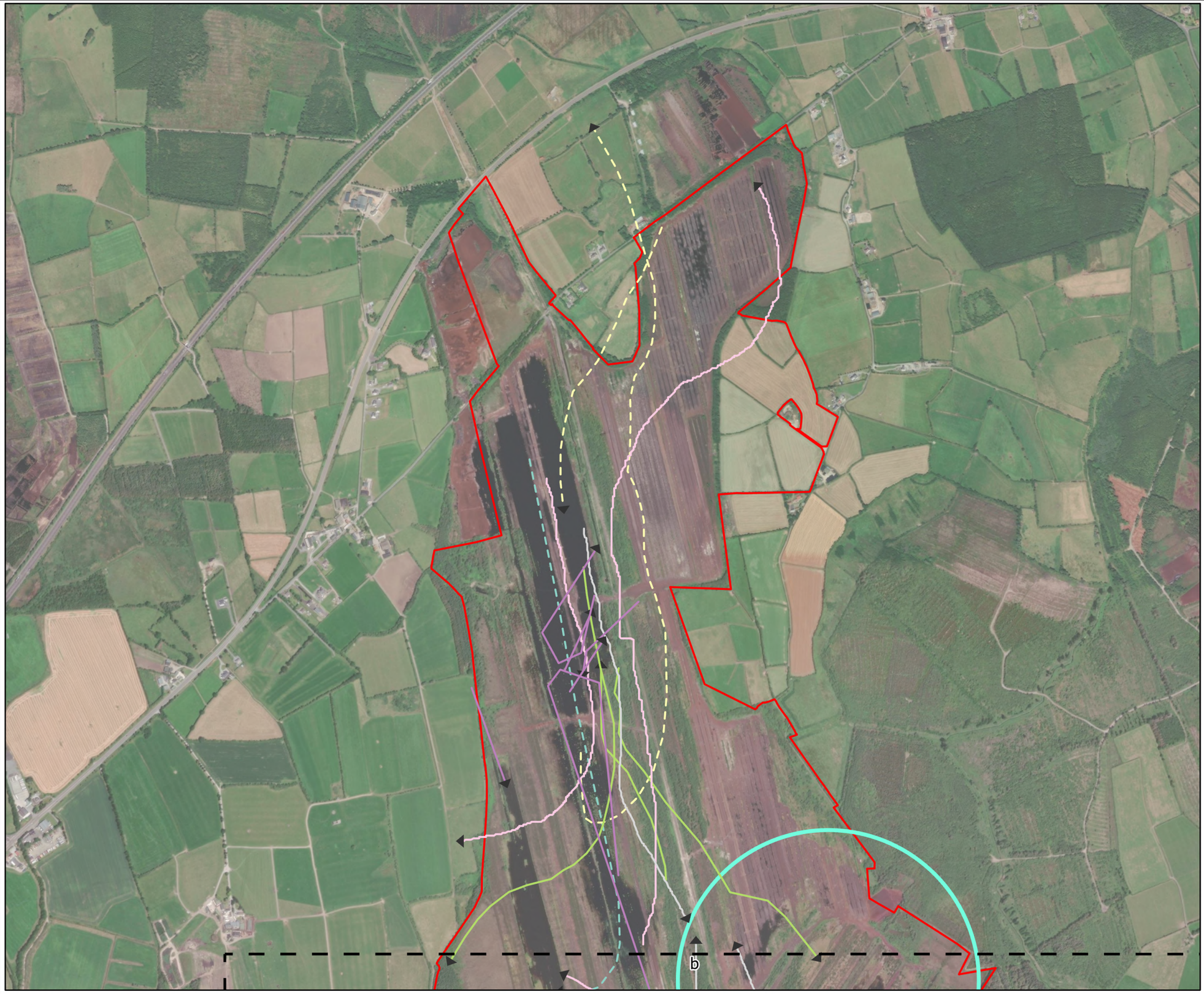

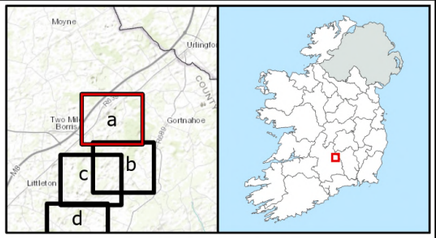

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TITLE: Mute Swan - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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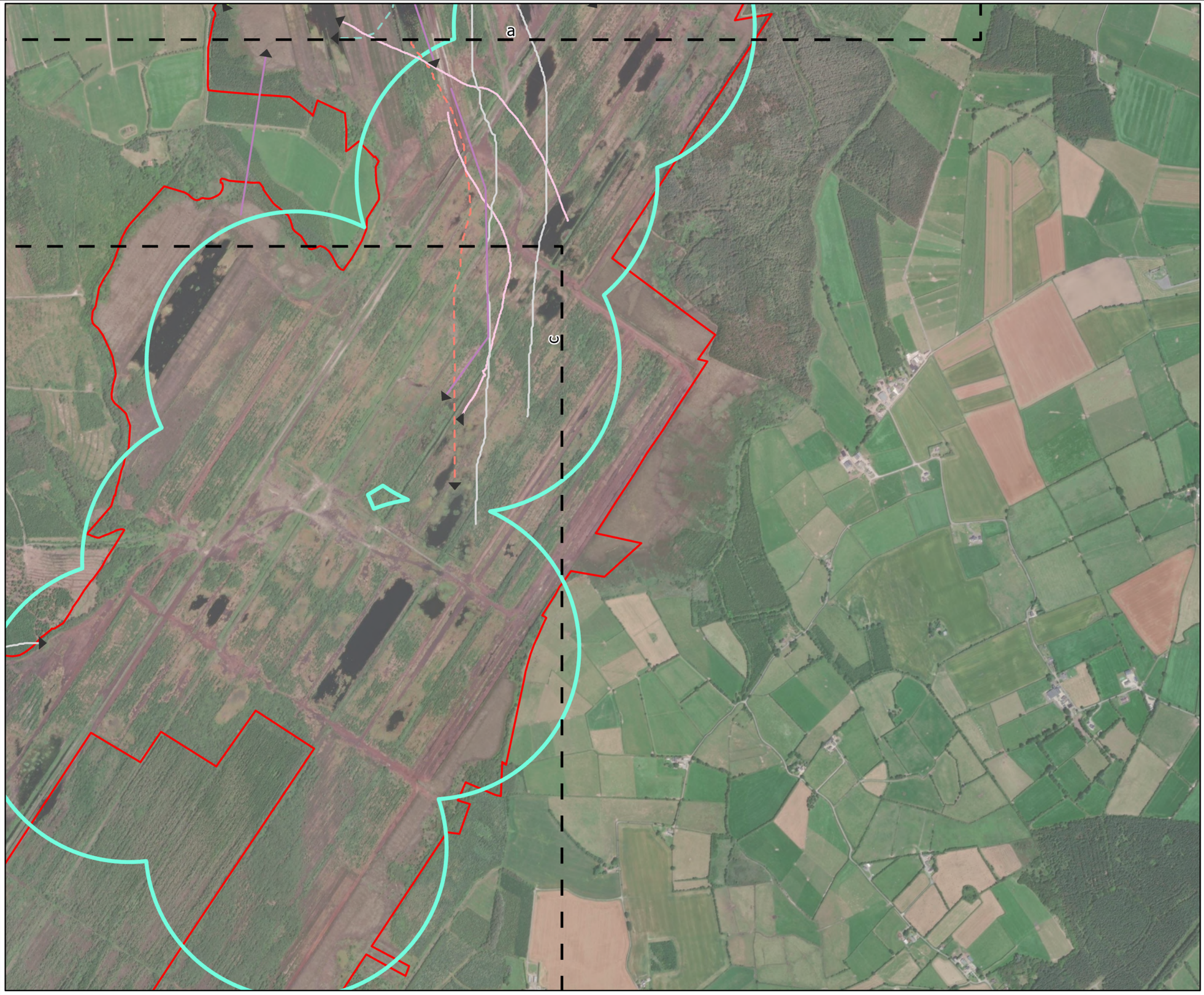

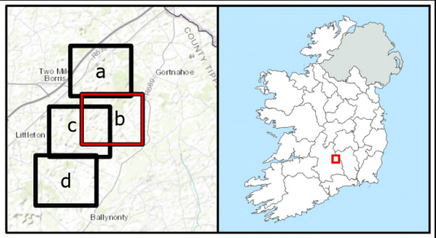

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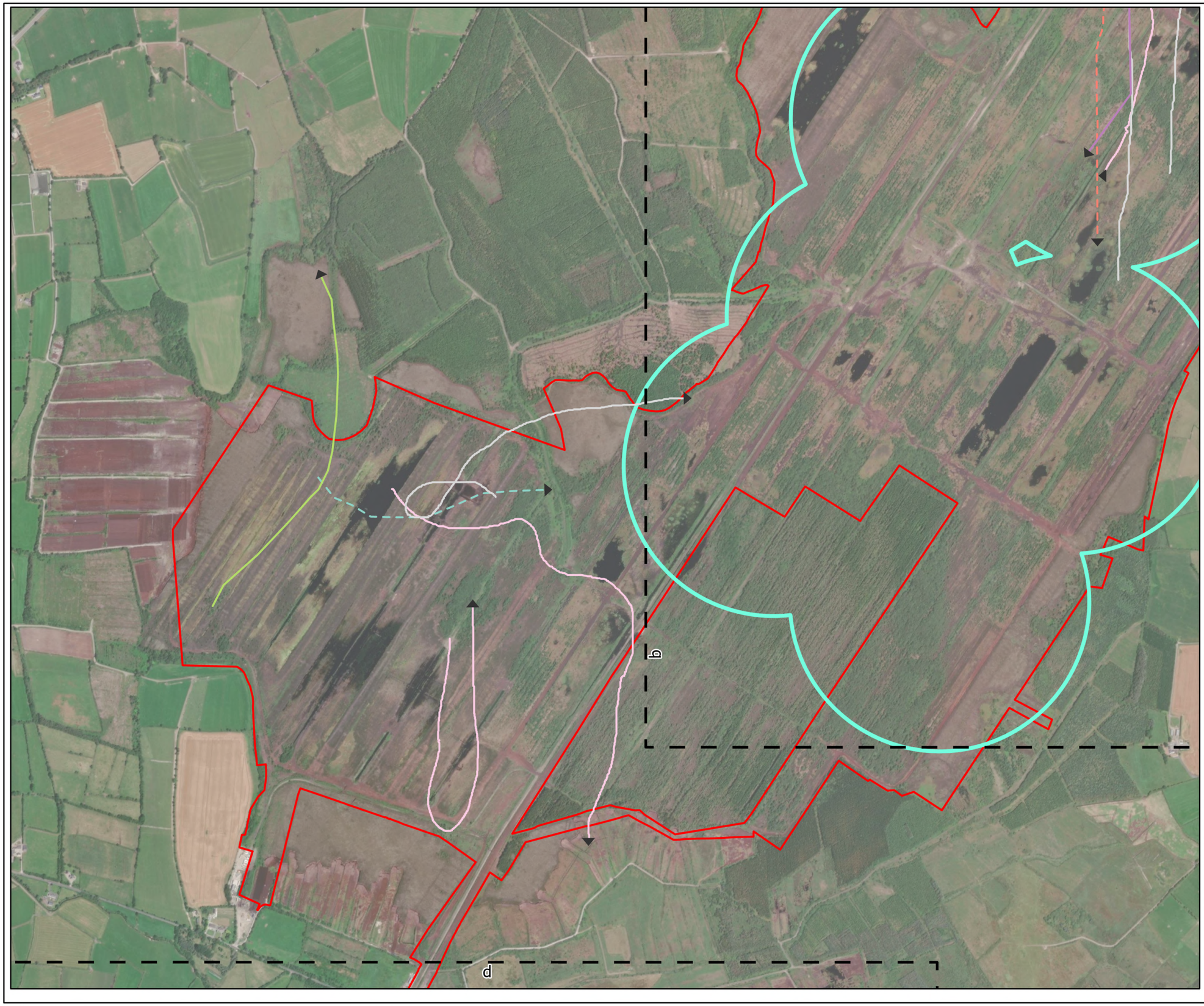

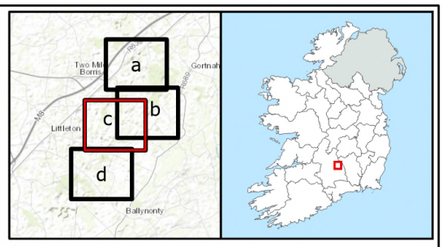

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- Turbine Buffer 500m
- Summer 2021
- Summer 2024
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Mute Swan - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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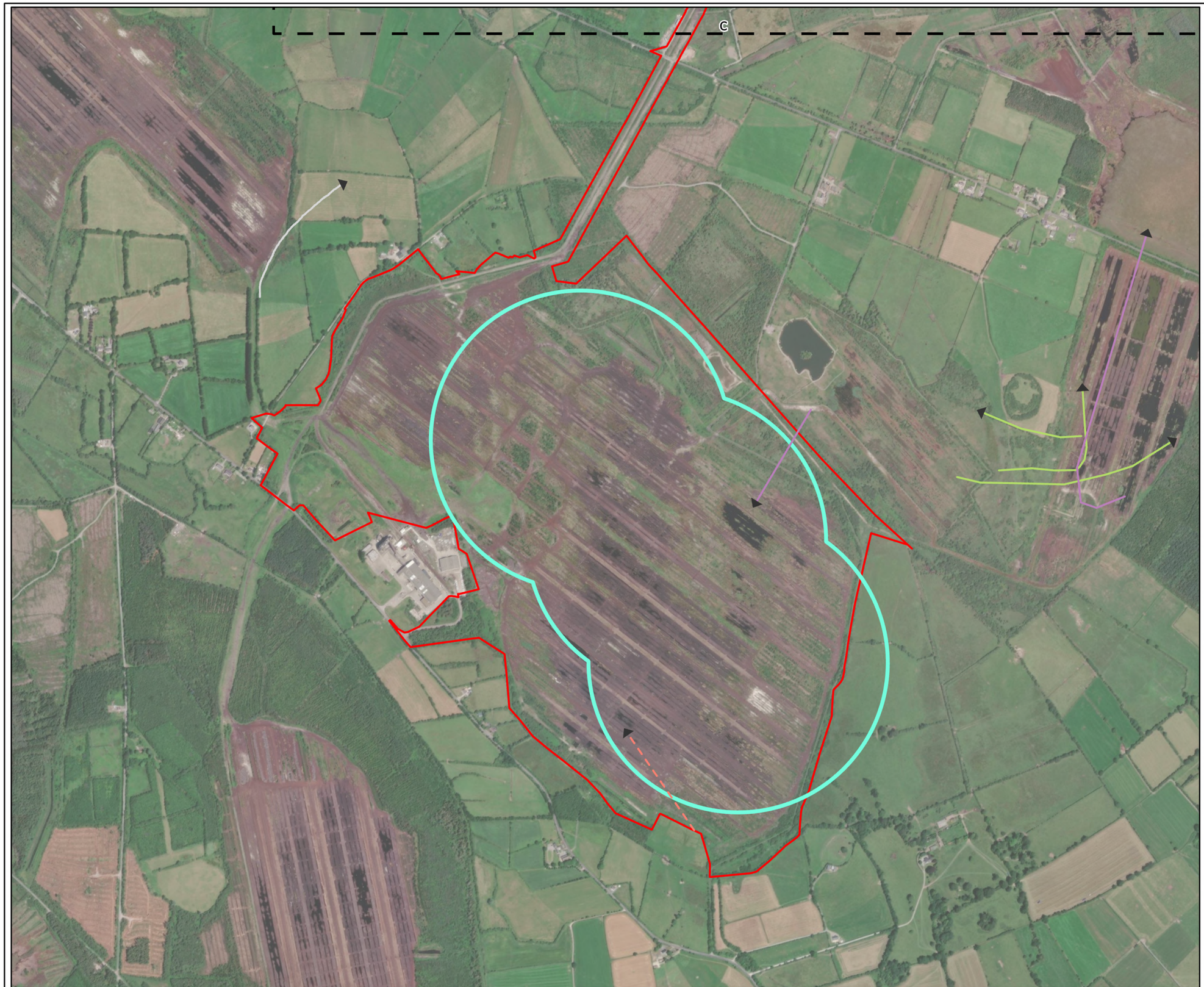

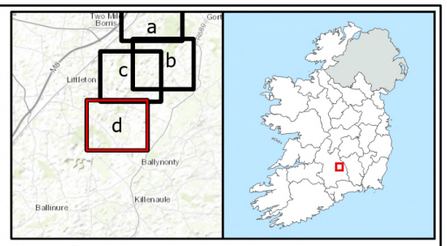

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2024
- Winter 2021/2022
- Winter 2023/2024
- Winter 2024/2025

N
W E
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0 0.25 0.5 1 Kilometers

TITLE: Mute Swan - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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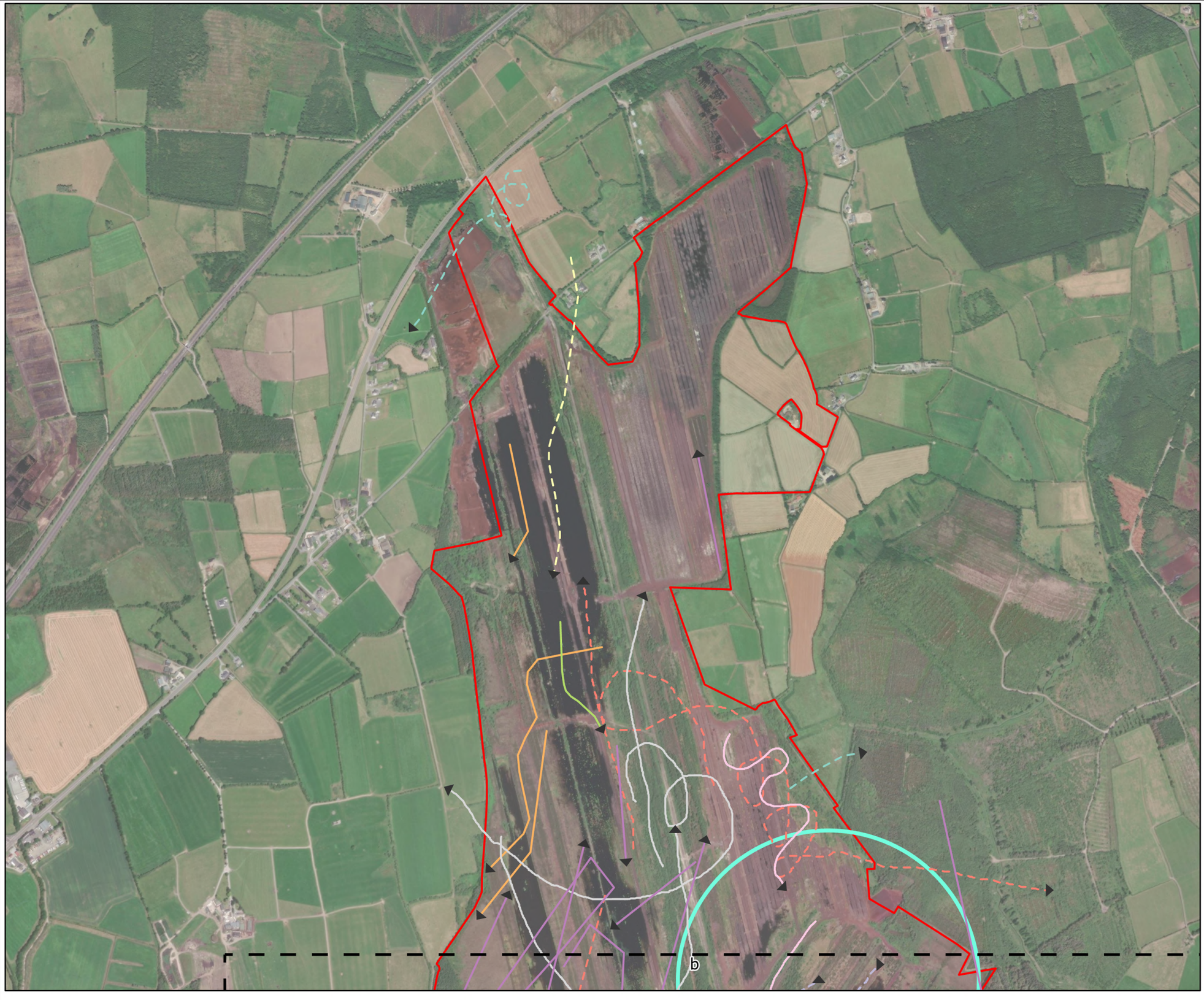

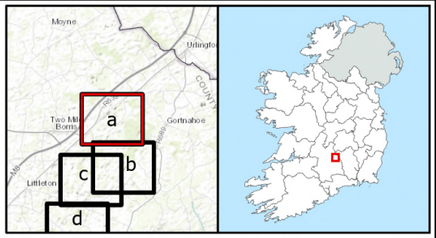

Legend

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- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
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- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Peregrine - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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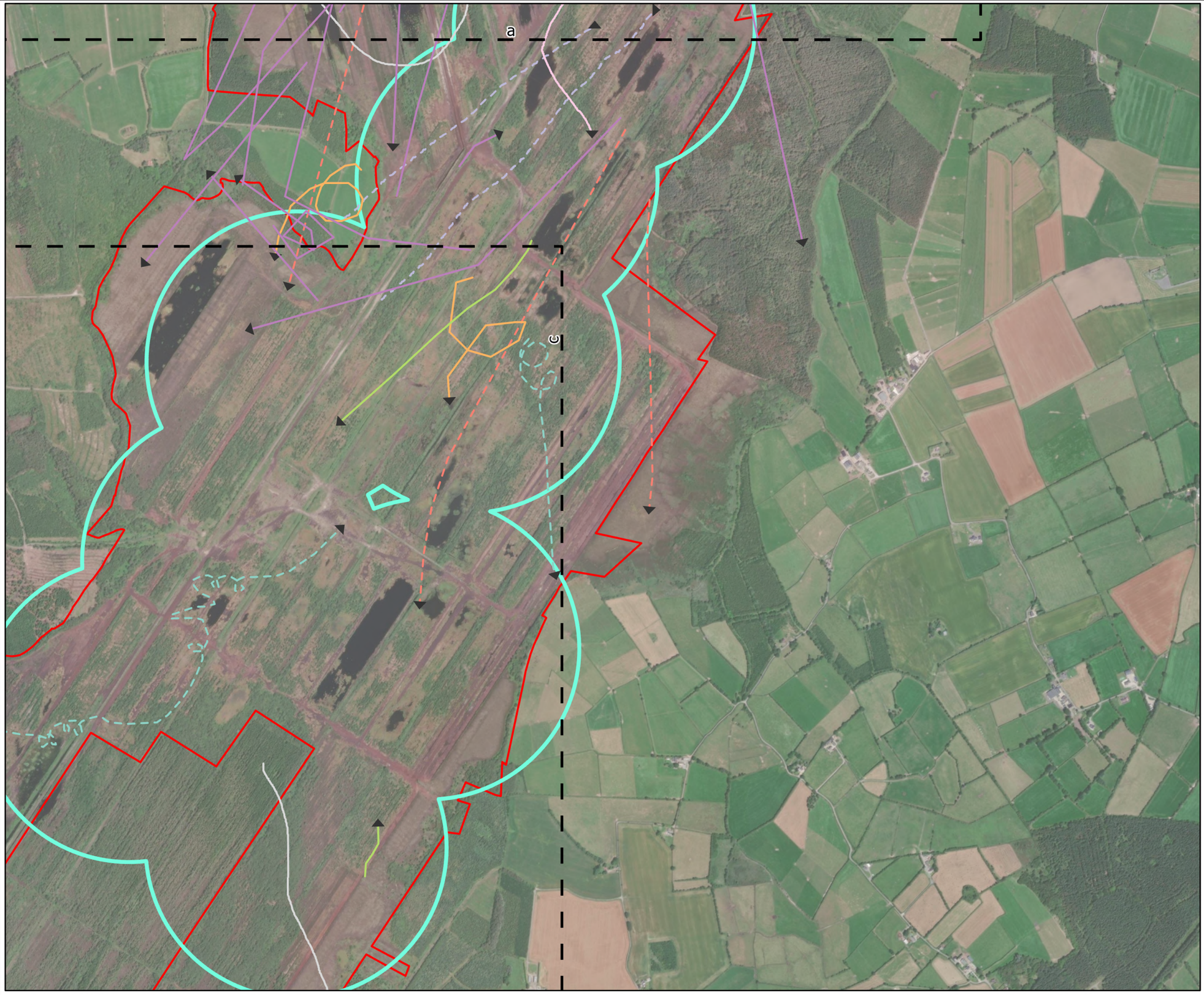

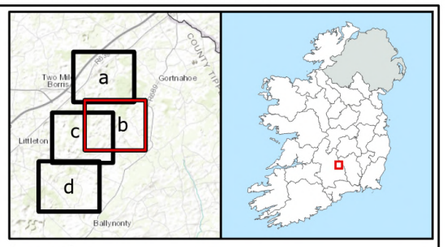

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- Turbine Buffer 500m
- Summer 2021
- Summer 2023
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- Winter 2020/2021
- Winter 2021/2022
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- Winter 2023/2024
- Winter 2024/2025

TITLE:	Peregrine - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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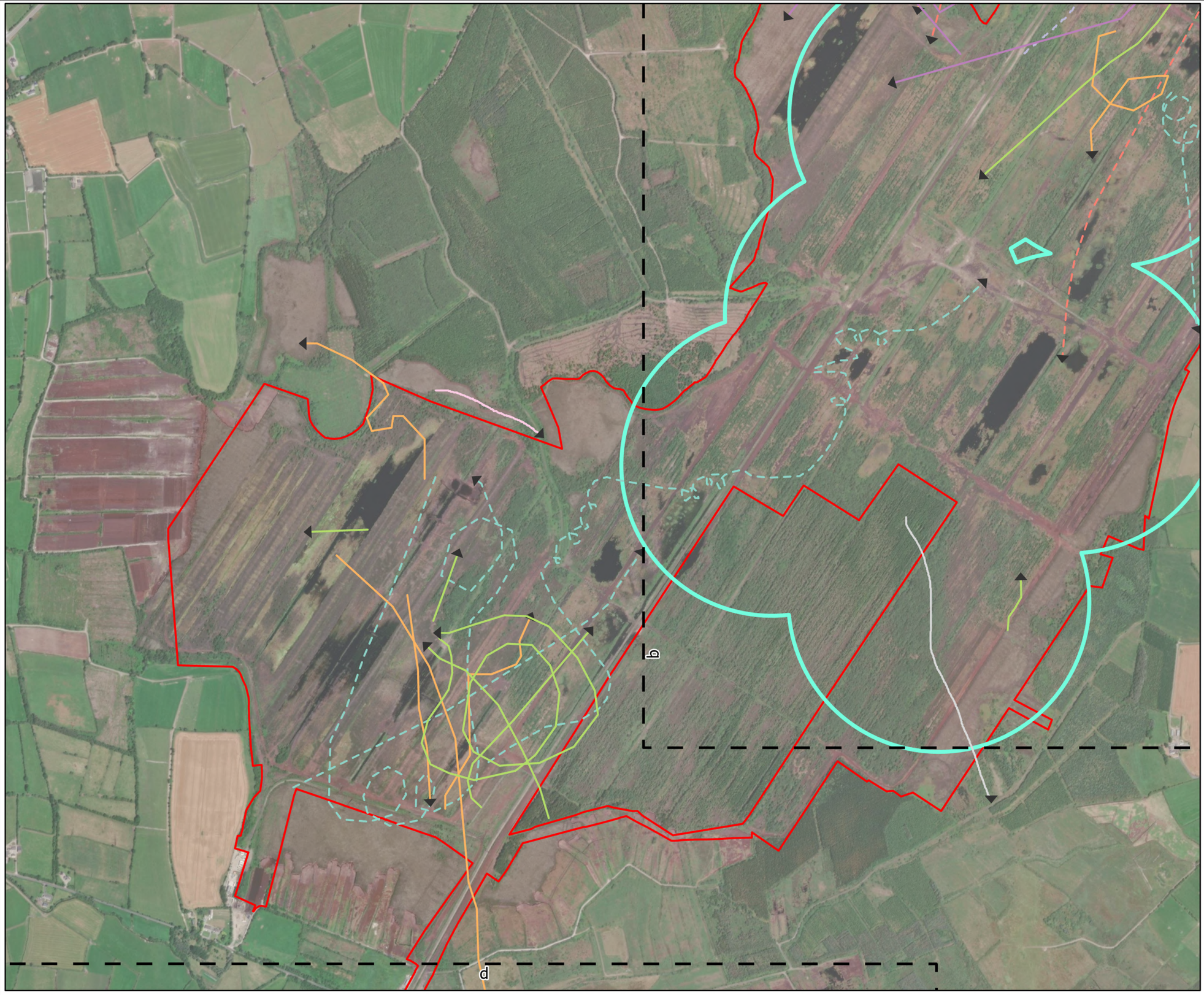

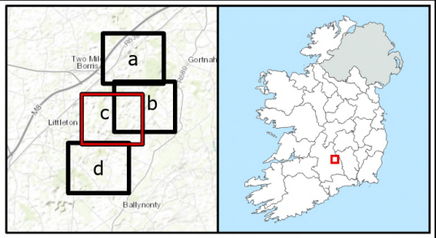

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- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2023
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- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

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TITLE:	Peregrine - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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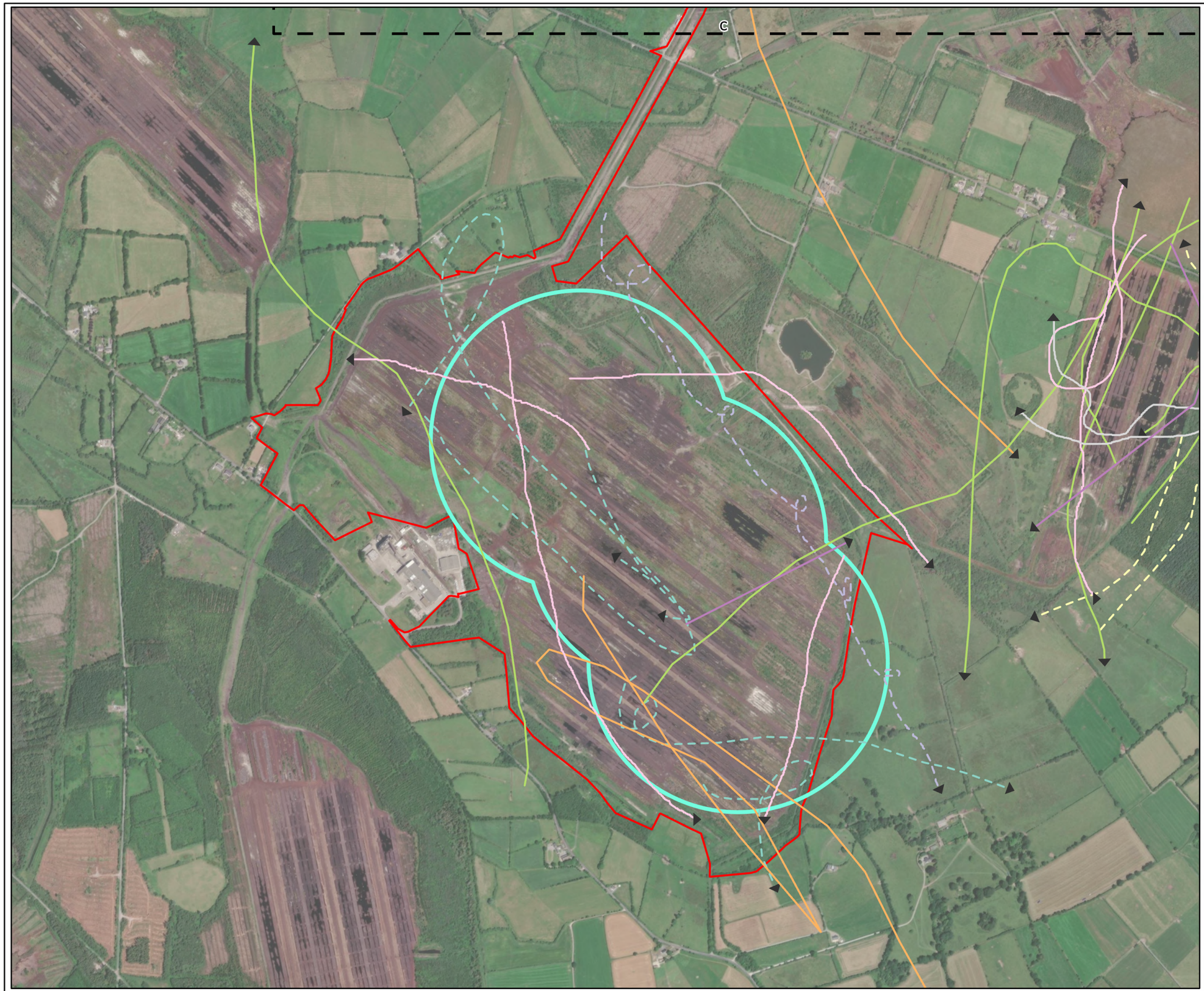

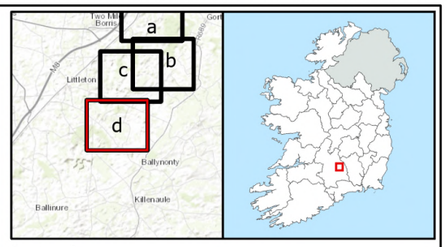

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TITLE:	Peregrine - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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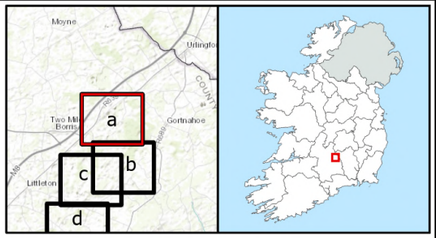

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N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Snipe - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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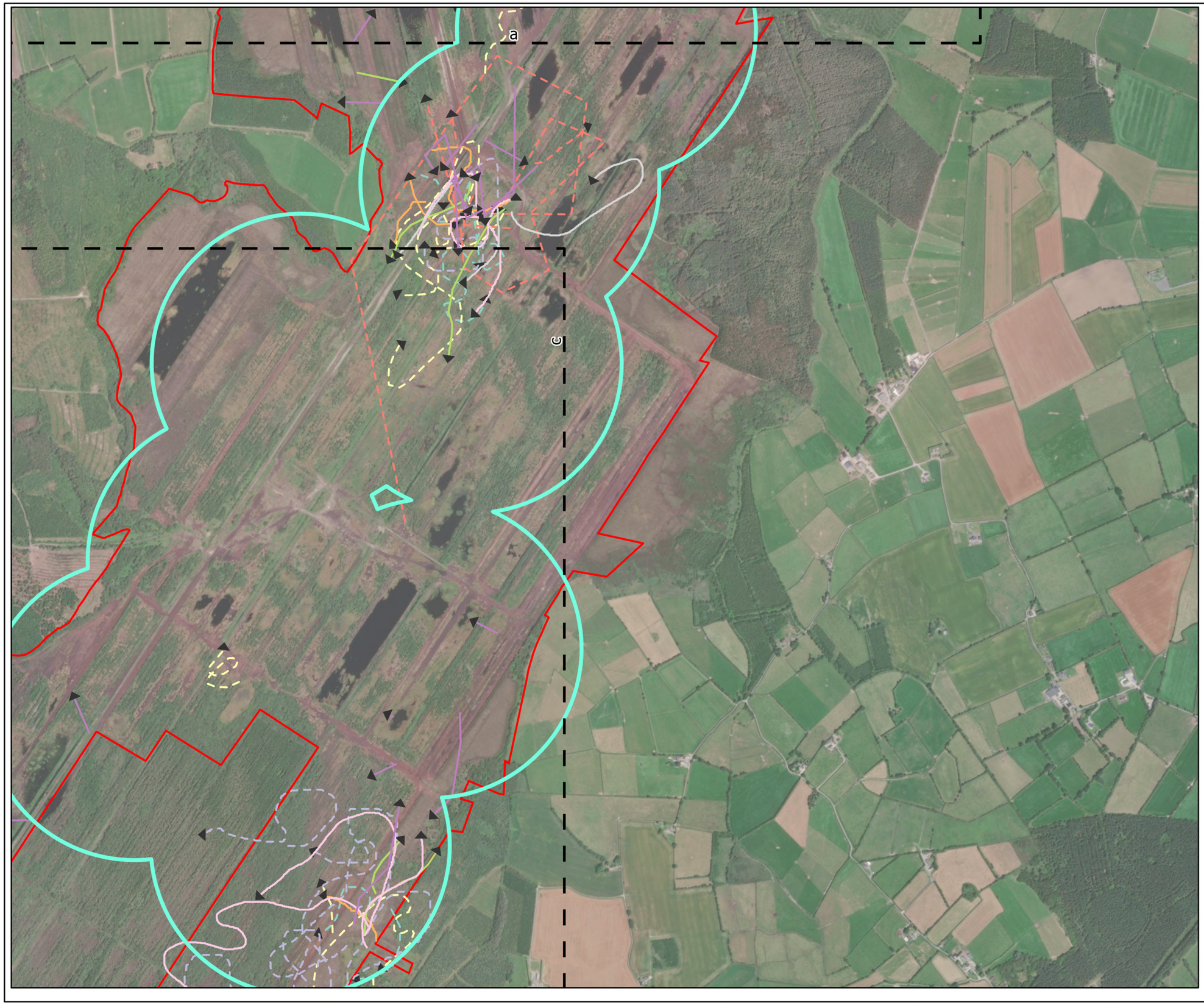

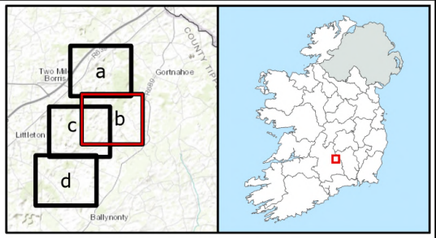

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
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- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Snipe - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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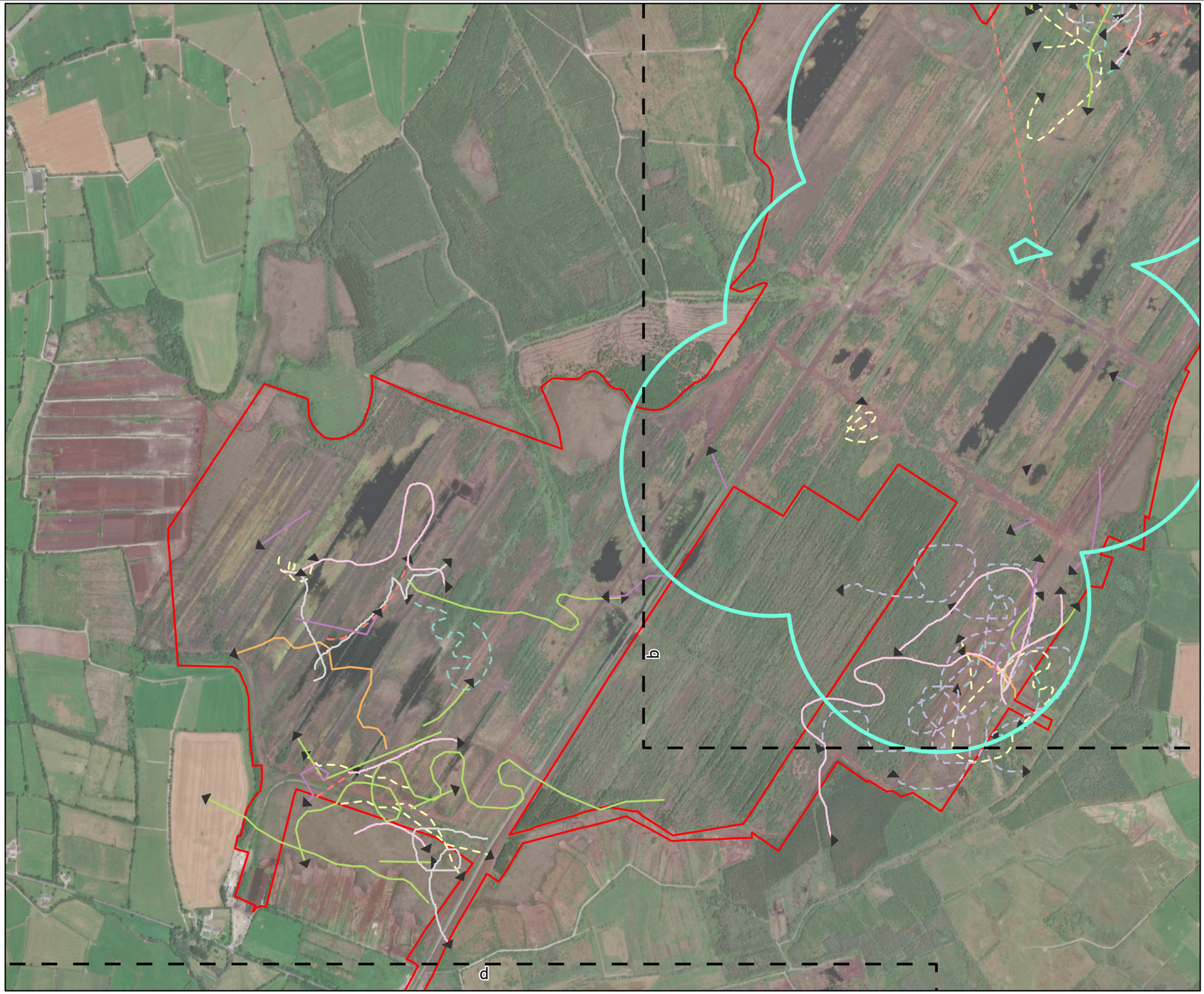

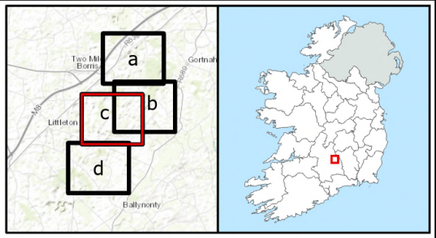

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- Index Panel
- Turbine Buffer 500m
- Summer 2021
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- Winter 2020/2021
- Winter 2021/2022
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- Winter 2023/2024
- Winter 2024/2025

N W E S

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TITLE:	Snipe - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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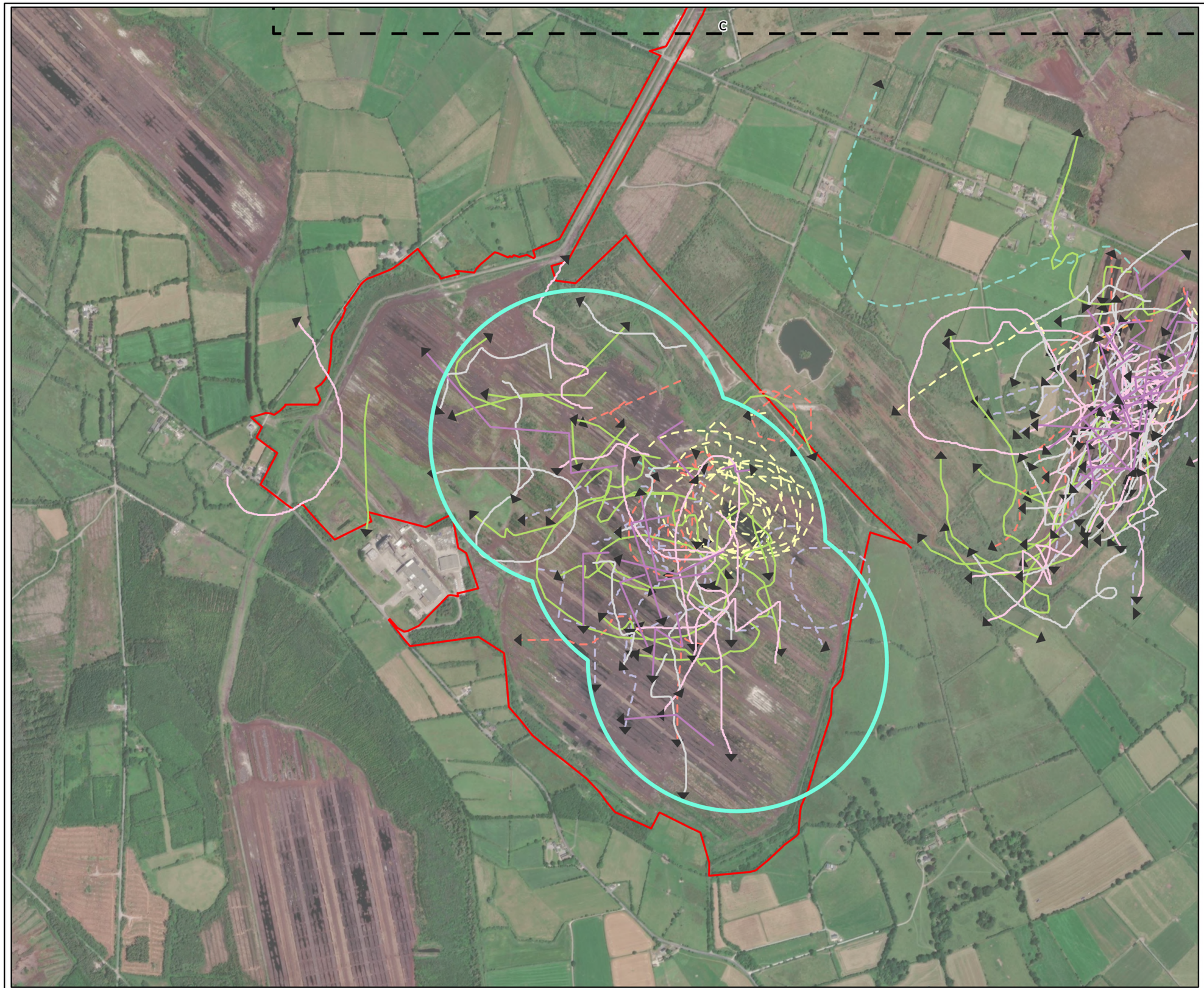

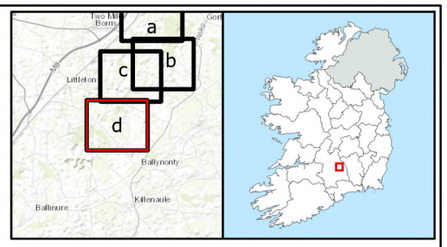

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TITLE:	Snipe - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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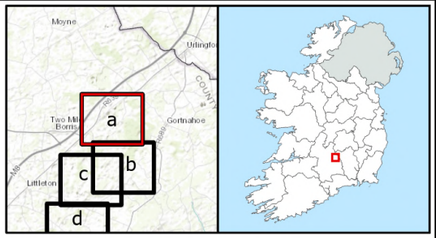

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N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Sparrowhawk - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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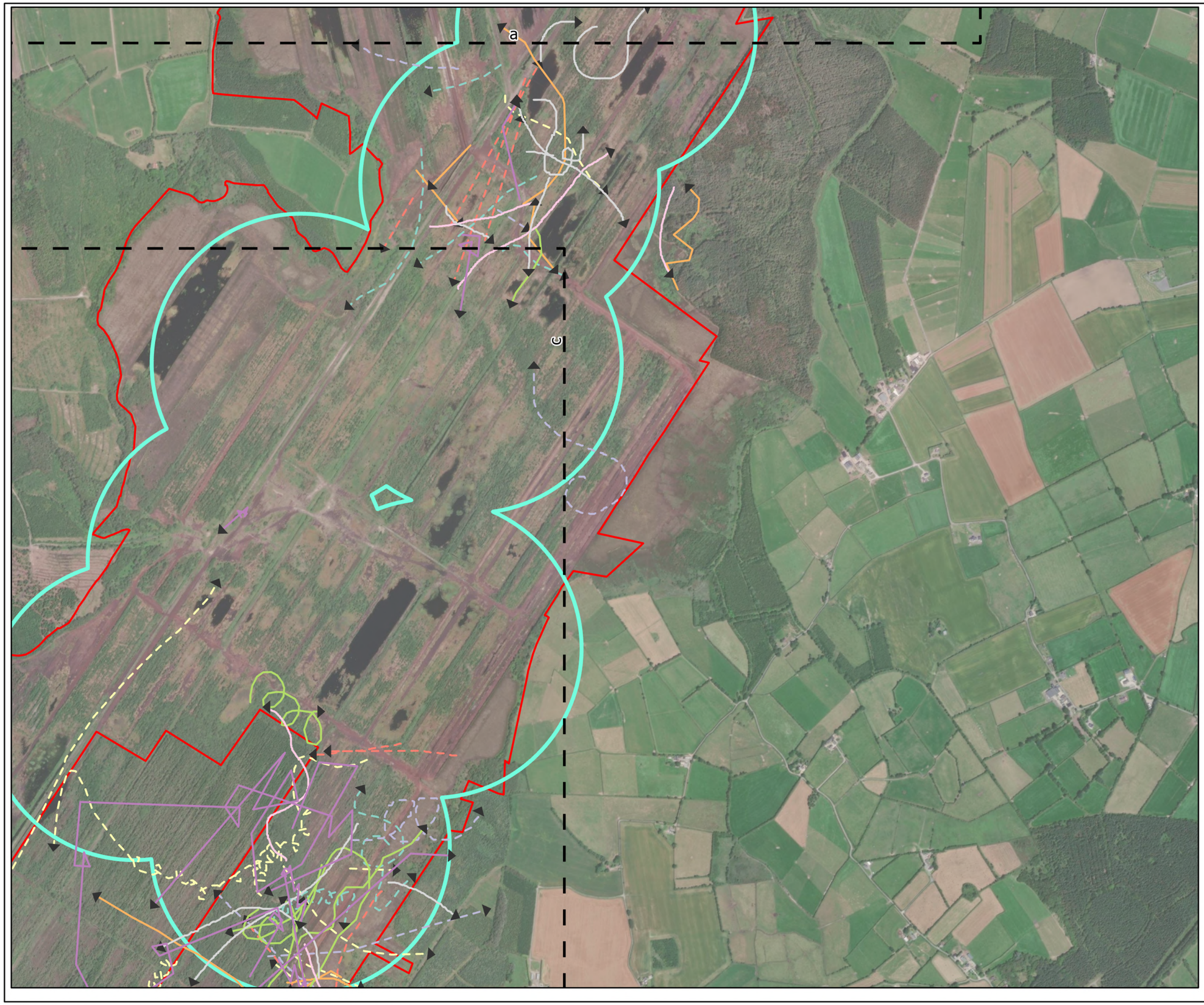

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N W E S

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TITLE:	Sparrowhawk - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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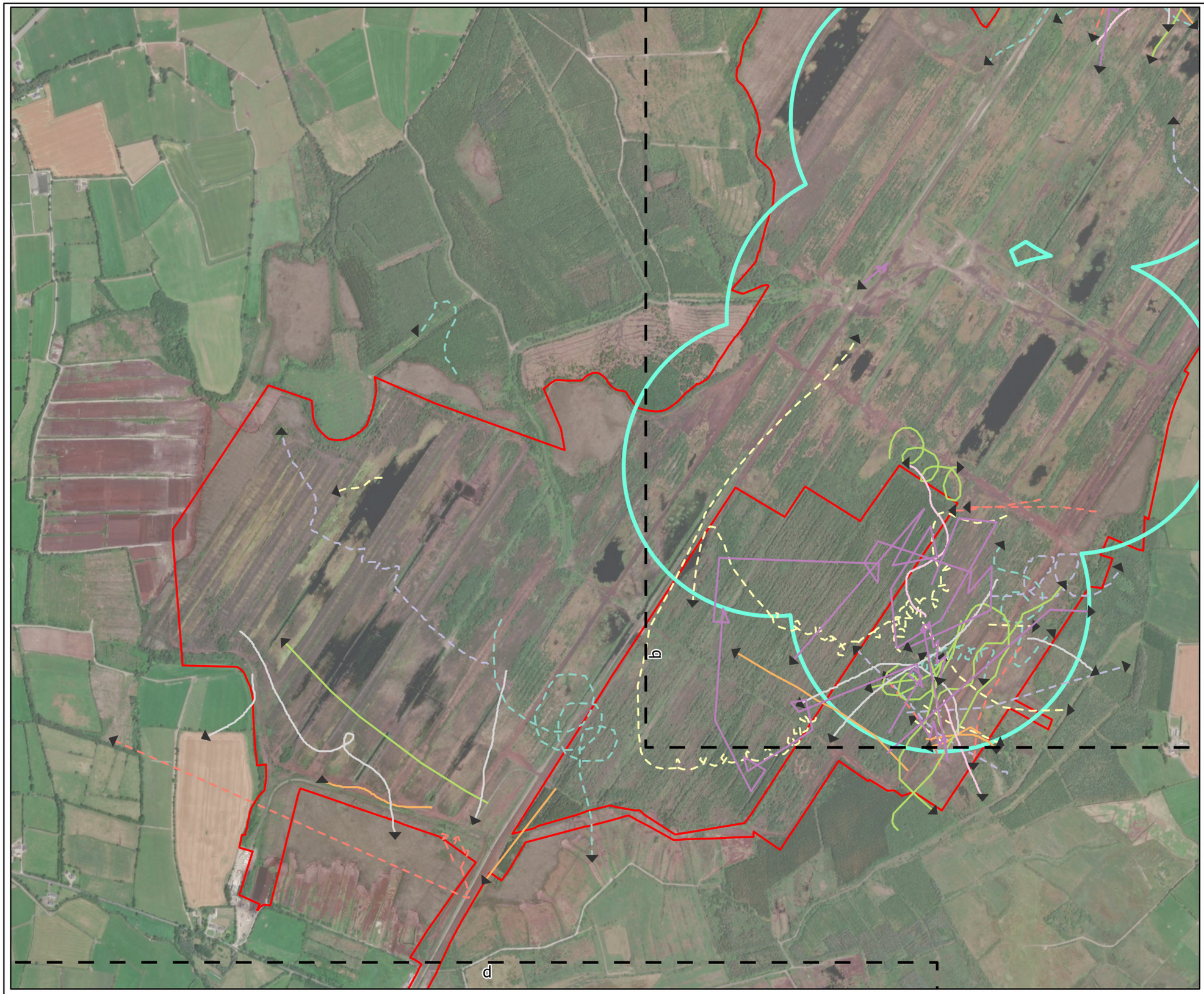

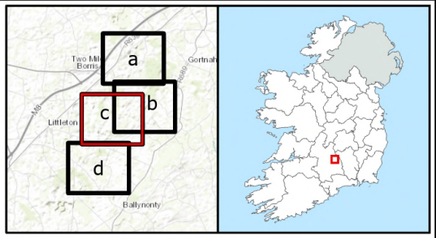

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N W E S

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TITLE: Sparrowhawk - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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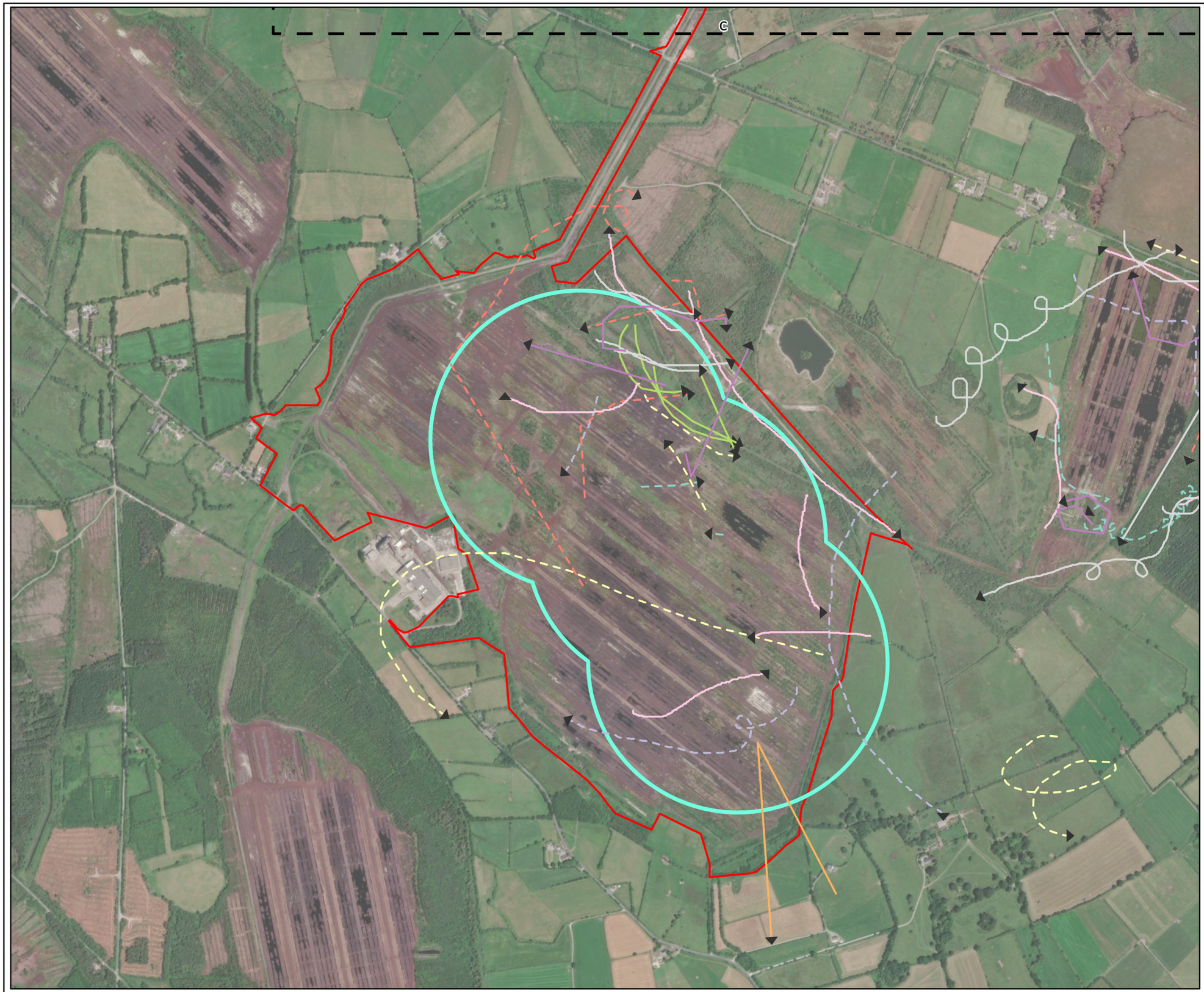

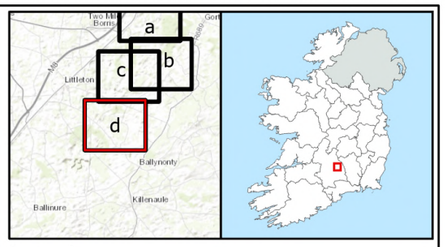

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N W E S

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TITLE:	Sparrowhawk - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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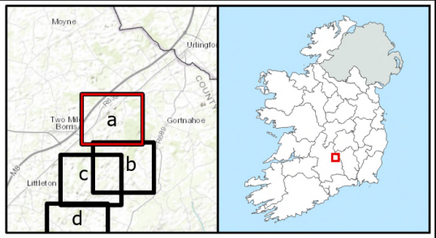

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2022
- Summer 2023
- Summer 2024

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Swift - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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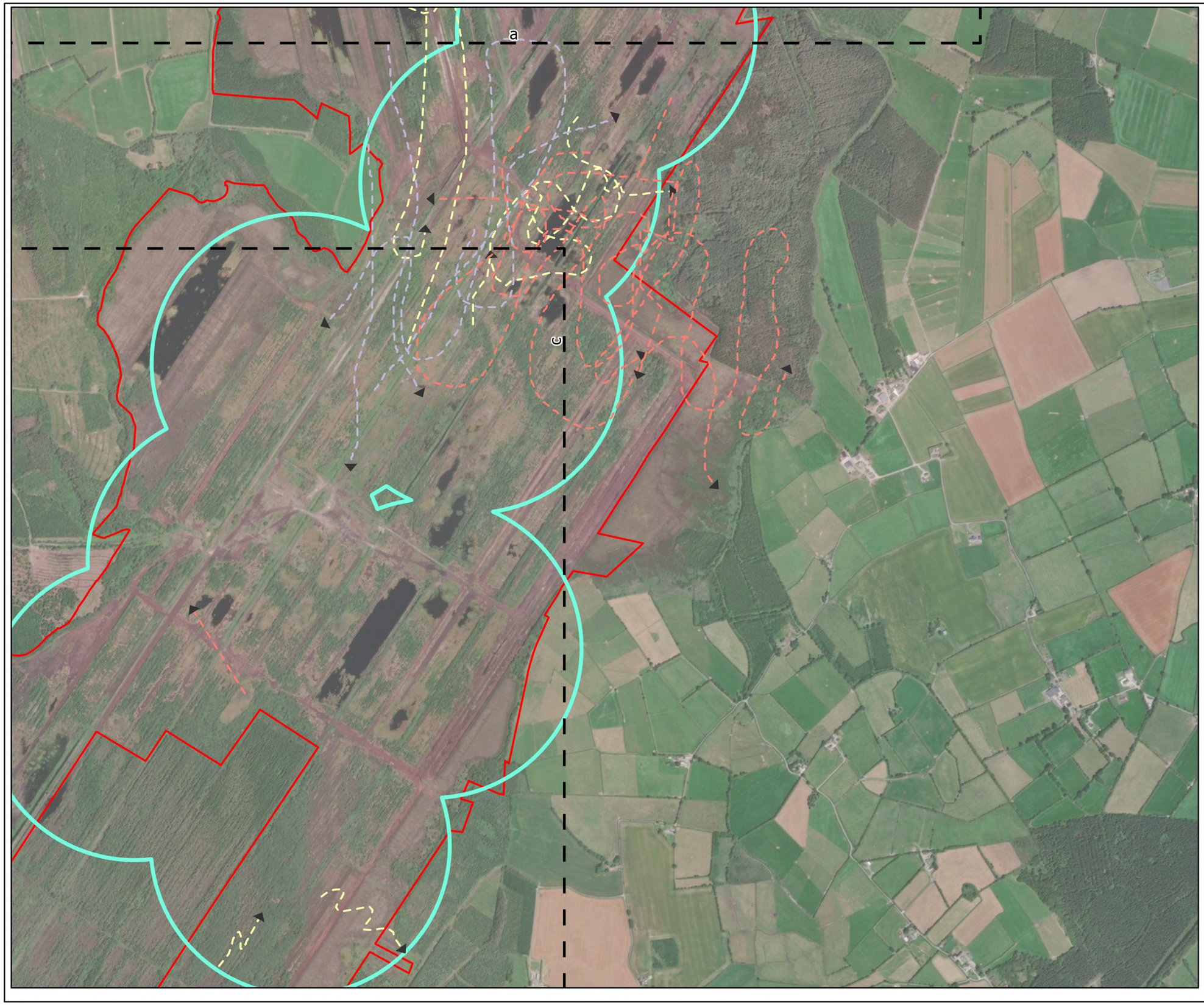

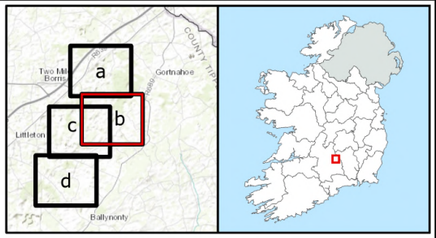

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- Turbine Buffer 500m
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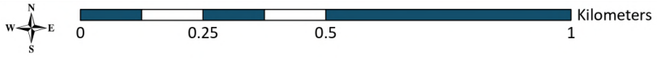
- Summer 2023
- Summer 2024



TITLE:	Swift - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
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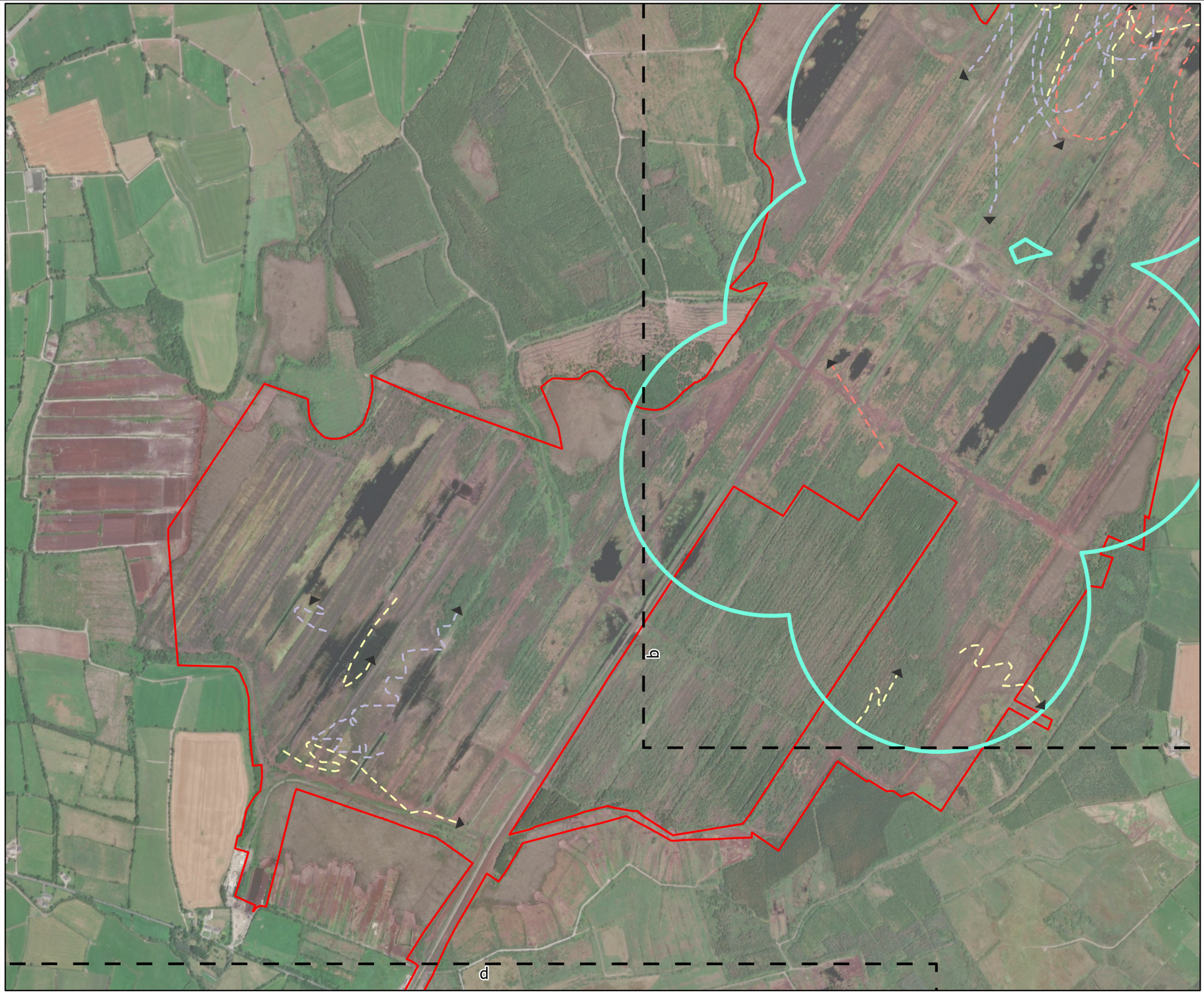

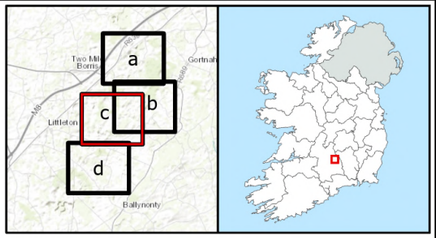

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2022
- Summer 2023
- Summer 2024

N
W E
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0 0.25 0.5 1 Kilometers

TITLE:	Swift - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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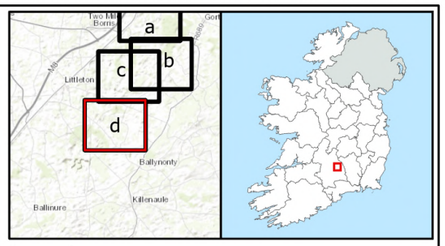

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2022
- Summer 2023
- Summer 2024

TITLE:	Swift - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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N W E S

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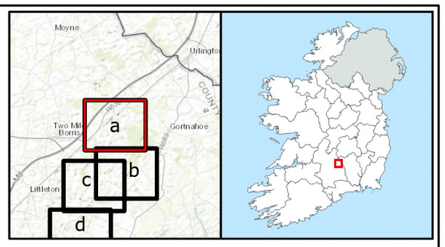

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- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Teal - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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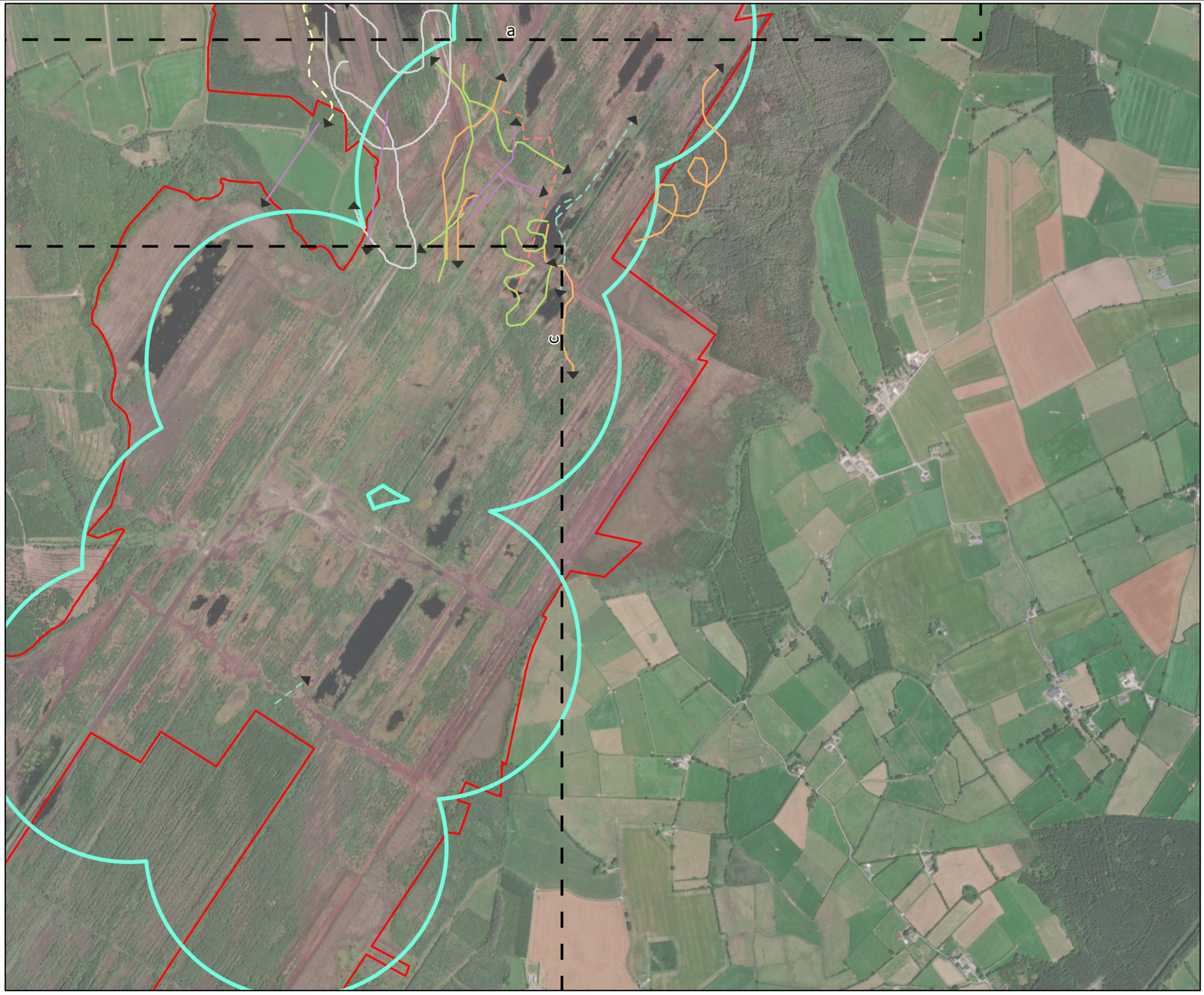

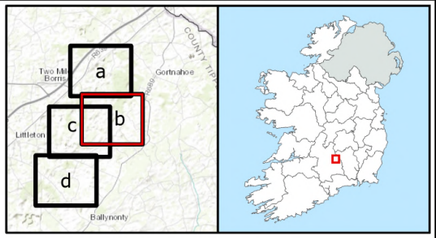

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- Summer 2021
- Summer 2022
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- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Teal - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
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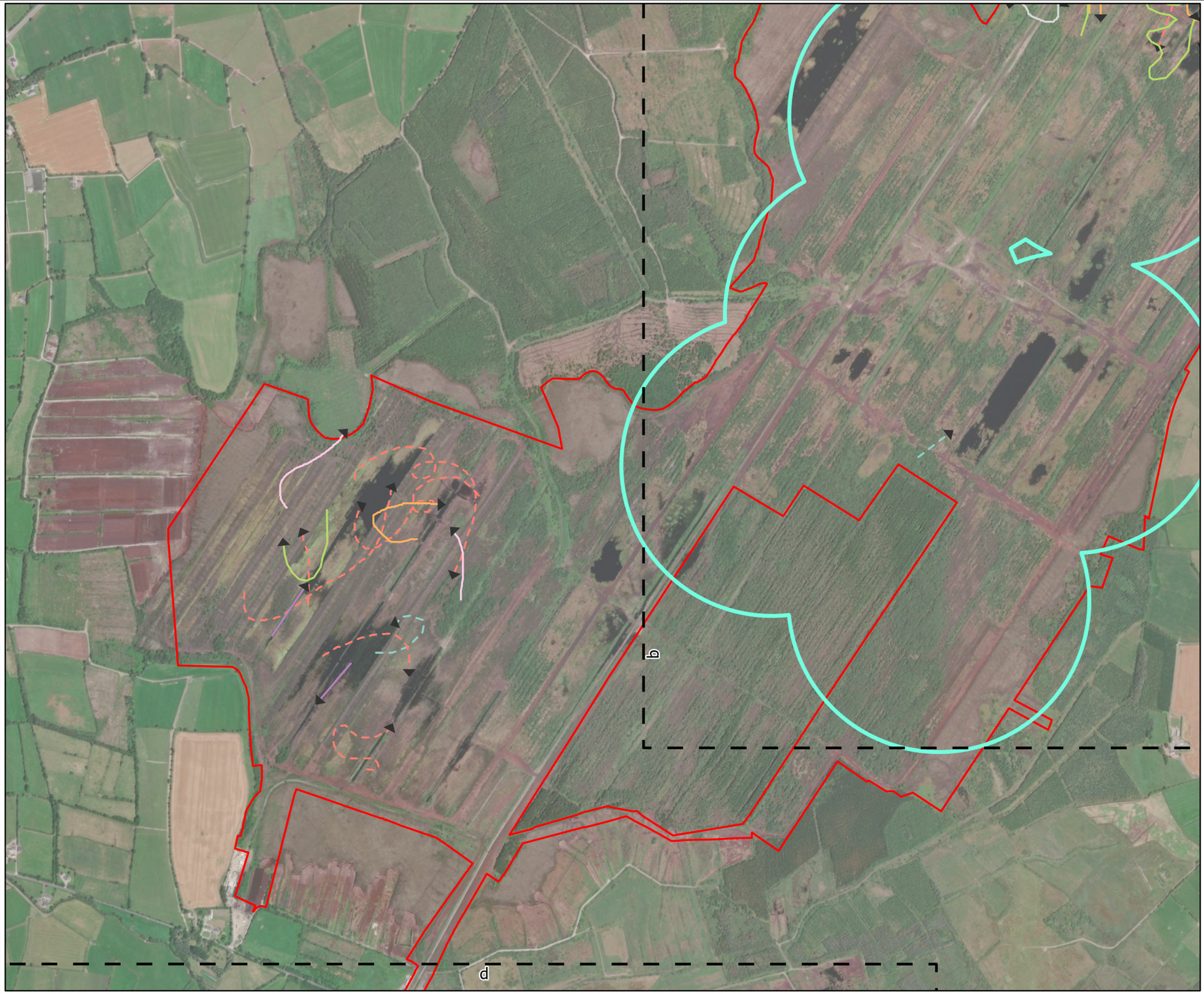

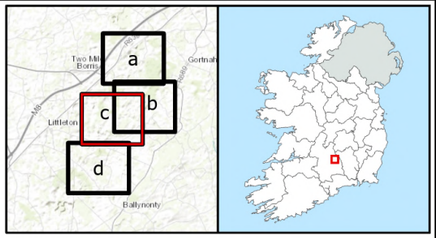

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- Summer 2024
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- Winter 2021/2022
- Winter 2022/2023
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- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Teal - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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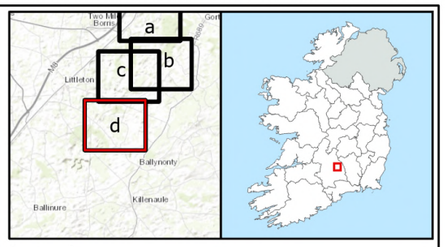

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N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Teal - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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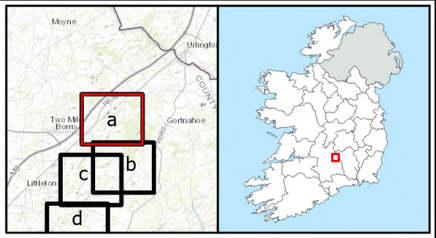

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- Winter 2024/2025

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0 0.25 0.5 1 Kilometers

TITLE: Whooper Swan - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
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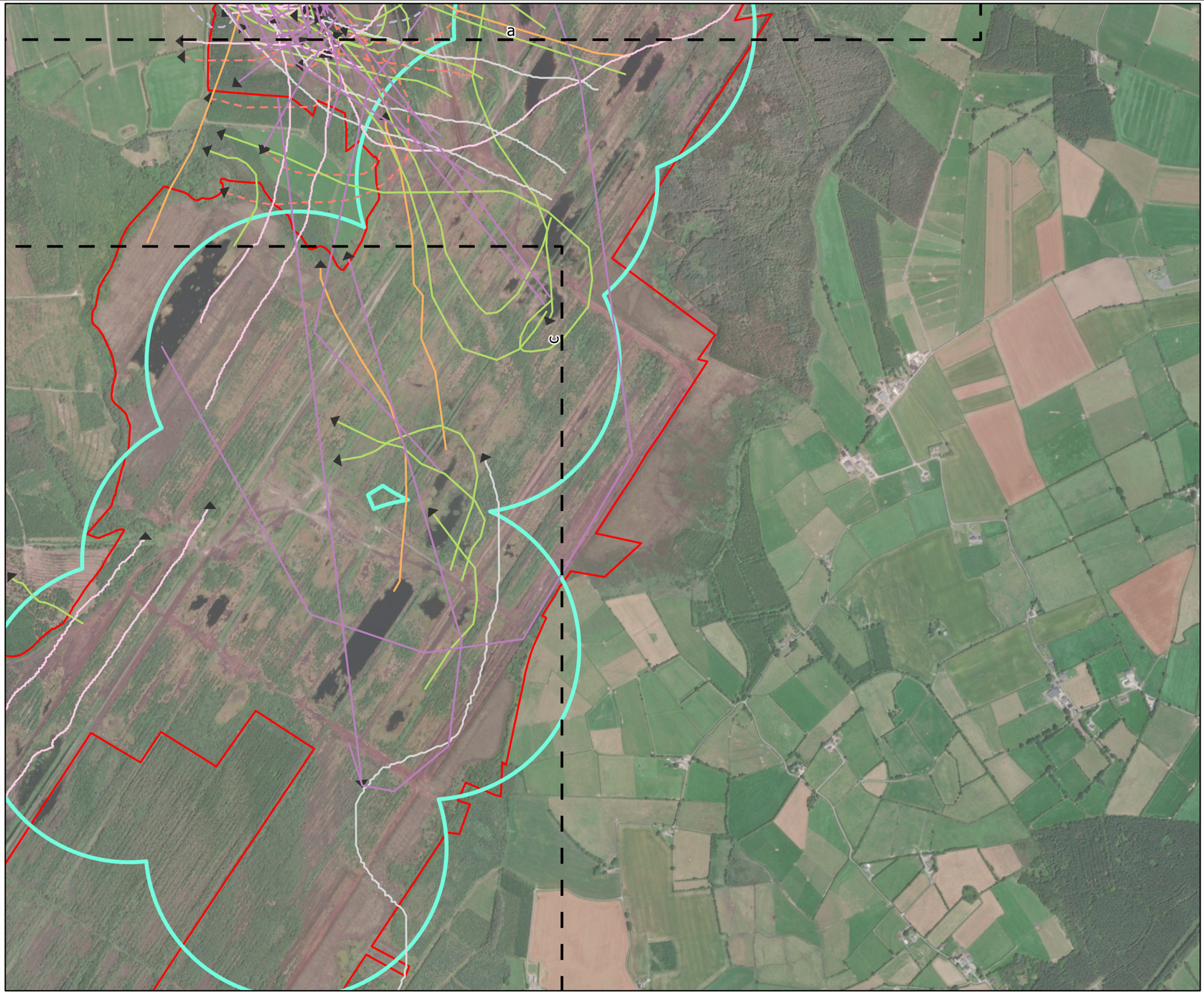

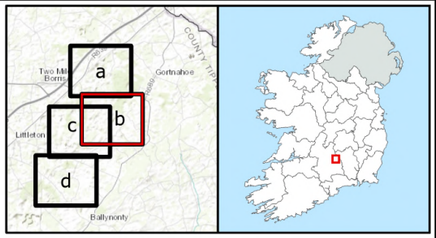

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- Winter 2024/2025

N W E S

0 0.25 0.5 1 Kilometers

TITLE: Whooper Swan - VP Survey Flightlines			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix.b		
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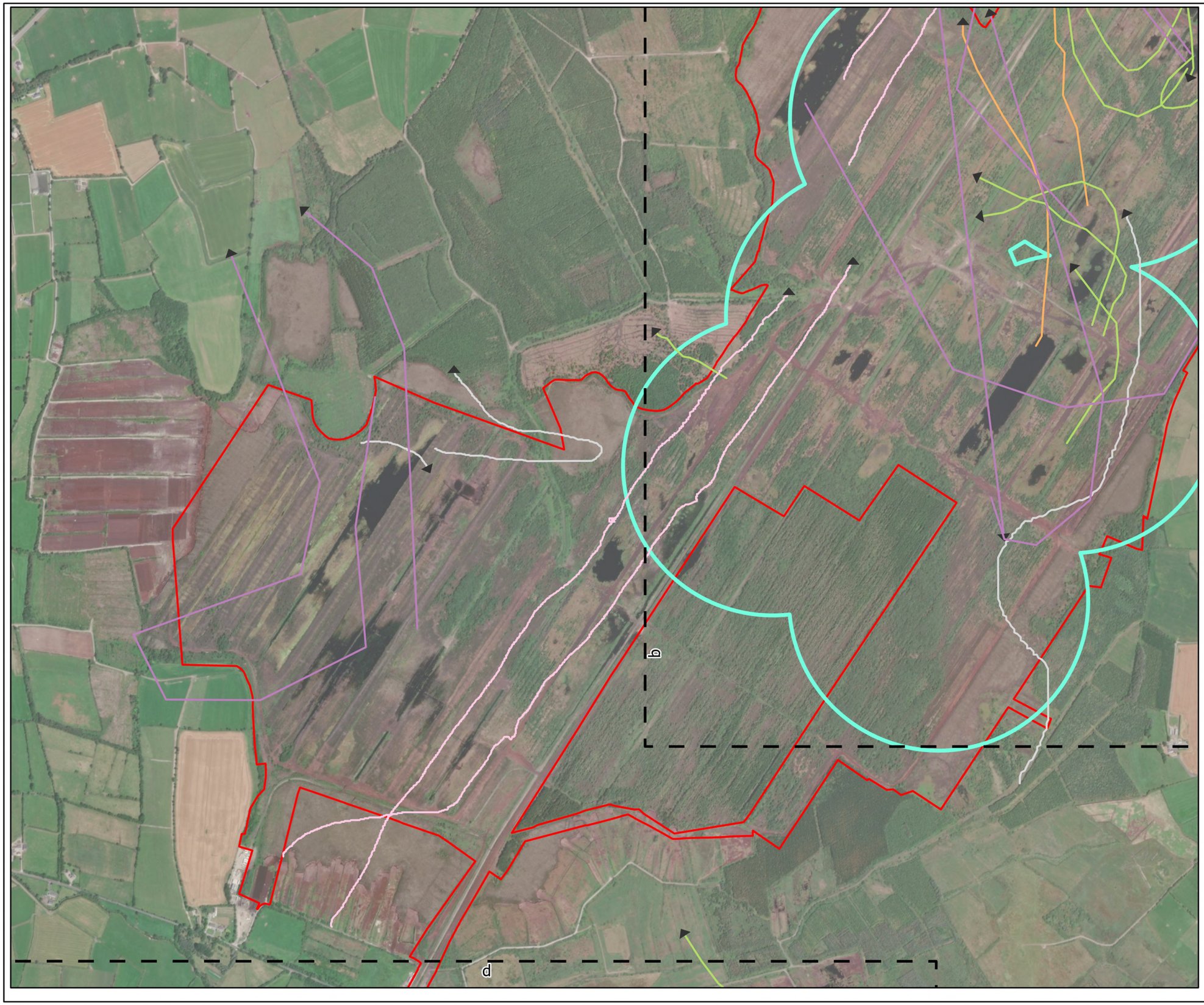

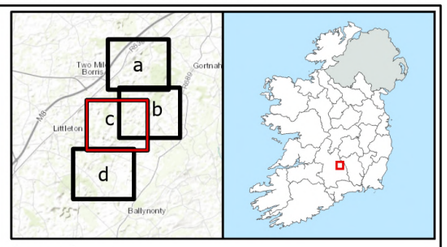

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N W E S

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TITLE:	Whooper Swan - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
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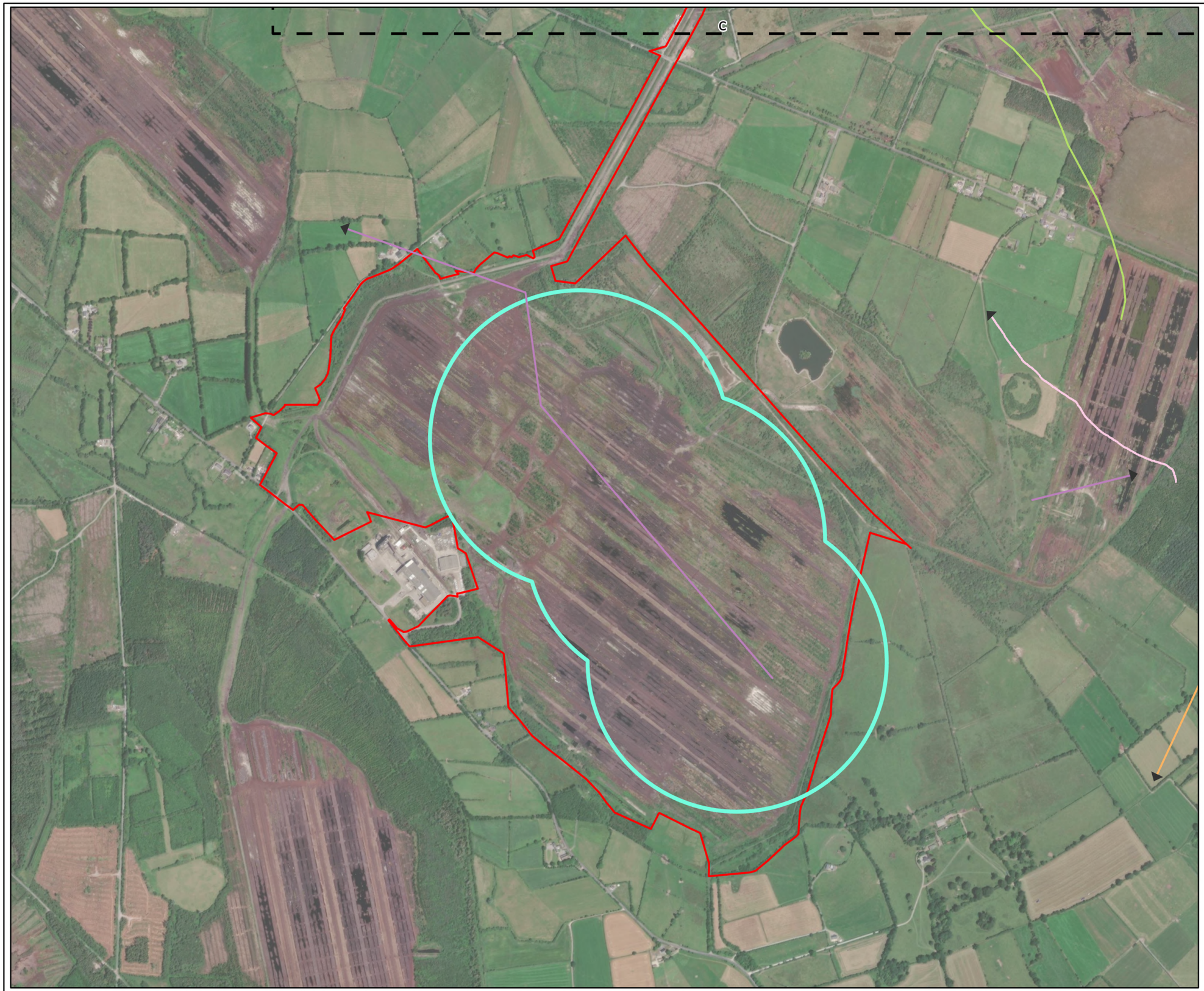

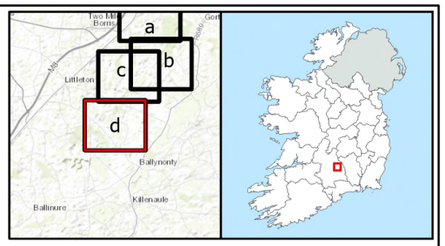

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TITLE:	Whooper Swan - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
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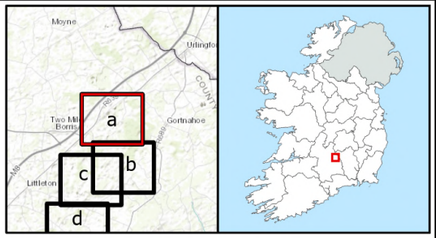

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TITLE:	Wigeon - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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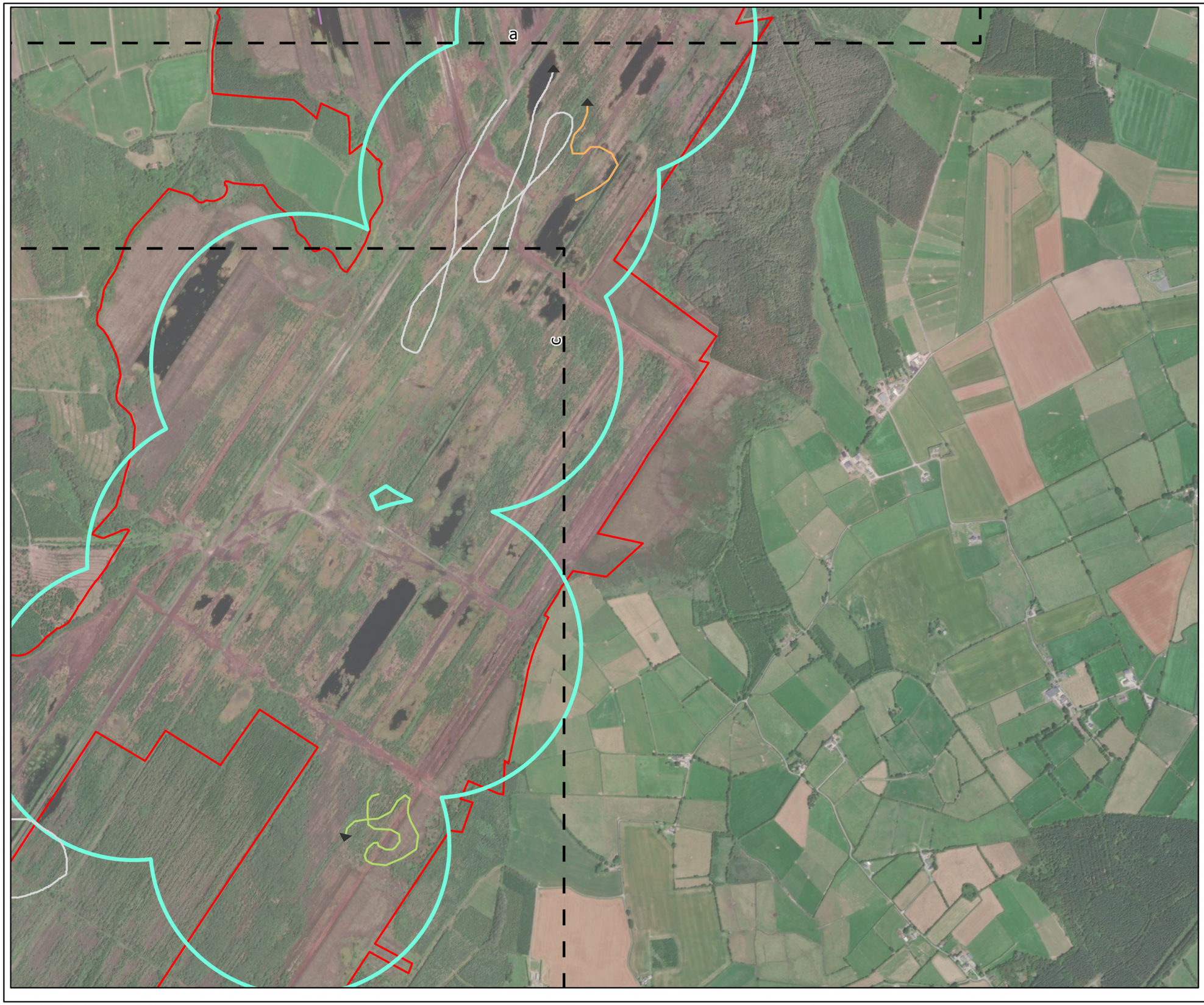

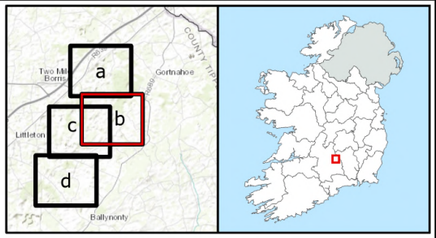

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TITLE:	Wigeon - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
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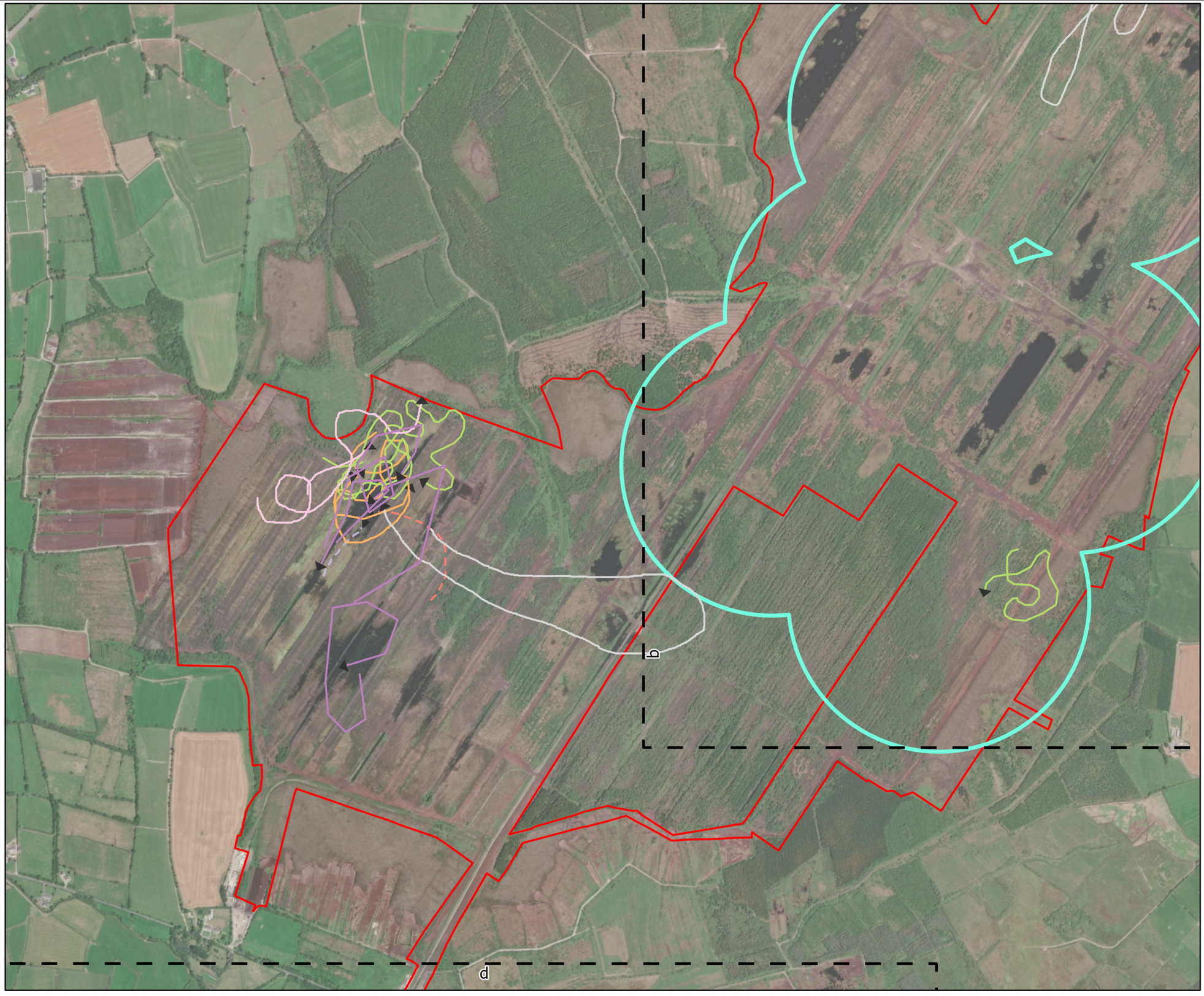

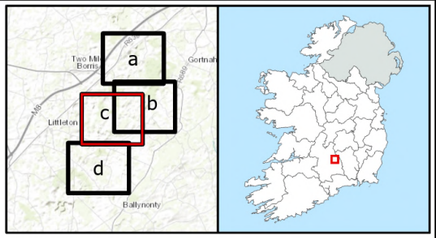

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Summer 2023
- Summer 2024
- Winter 2020/2021
- Winter 2021/2022
- Winter 2022/2023
- Winter 2023/2024
- Winter 2024/2025

TITLE:	Wigeon - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
DATE:	16/03/2026	**PAGE SIZE:**	A3

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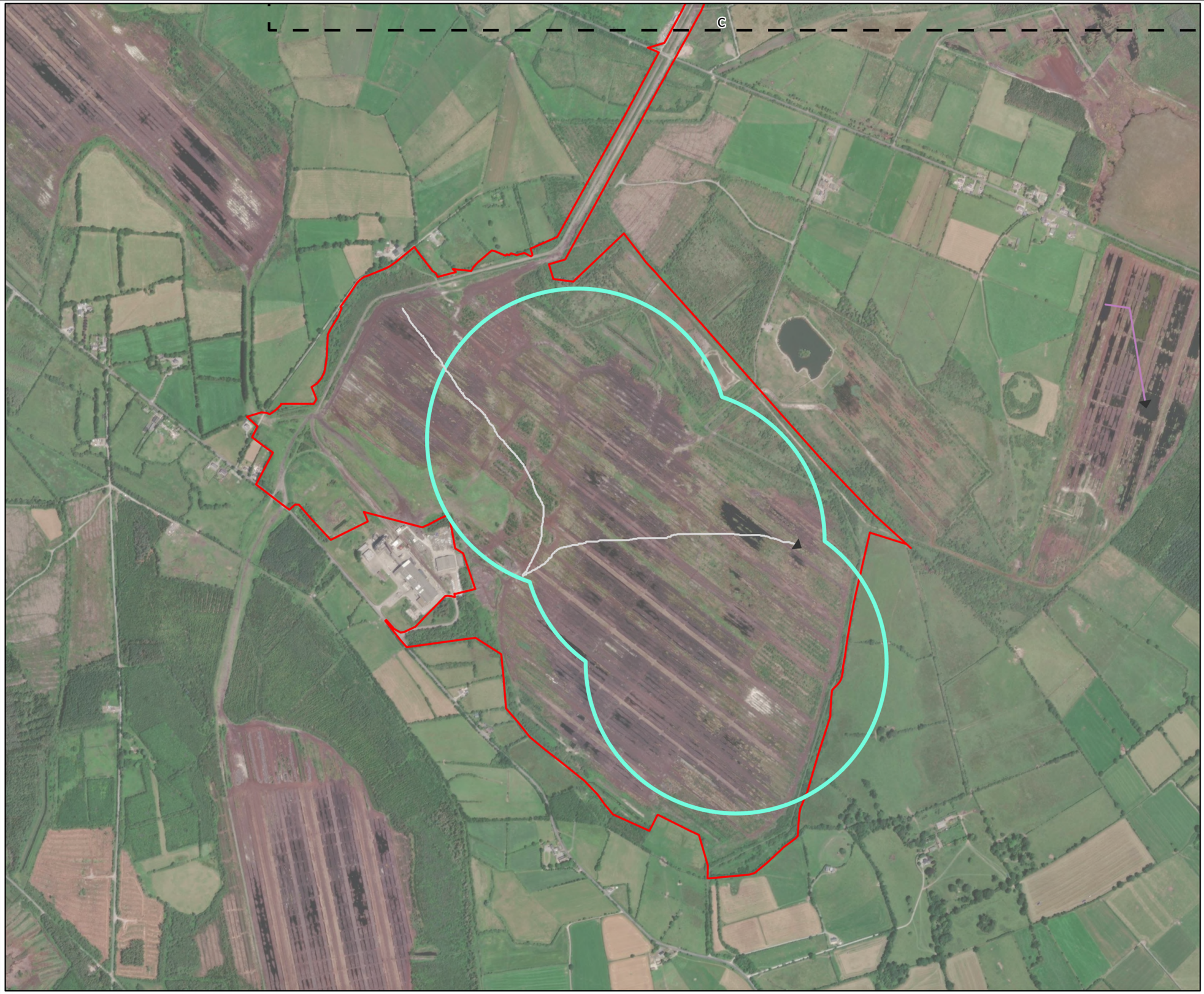

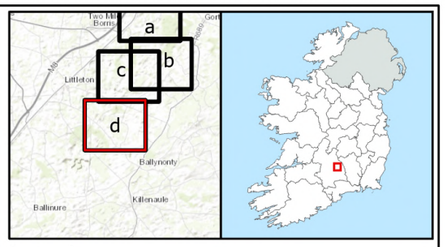

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Winter 2023/2024
- Winter 2024/2025

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TITLE:	Wigeon - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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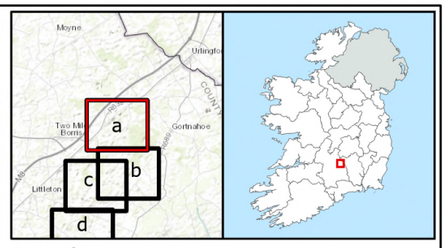

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Winter 2021/2022

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TITLE:	Woodcock - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.a		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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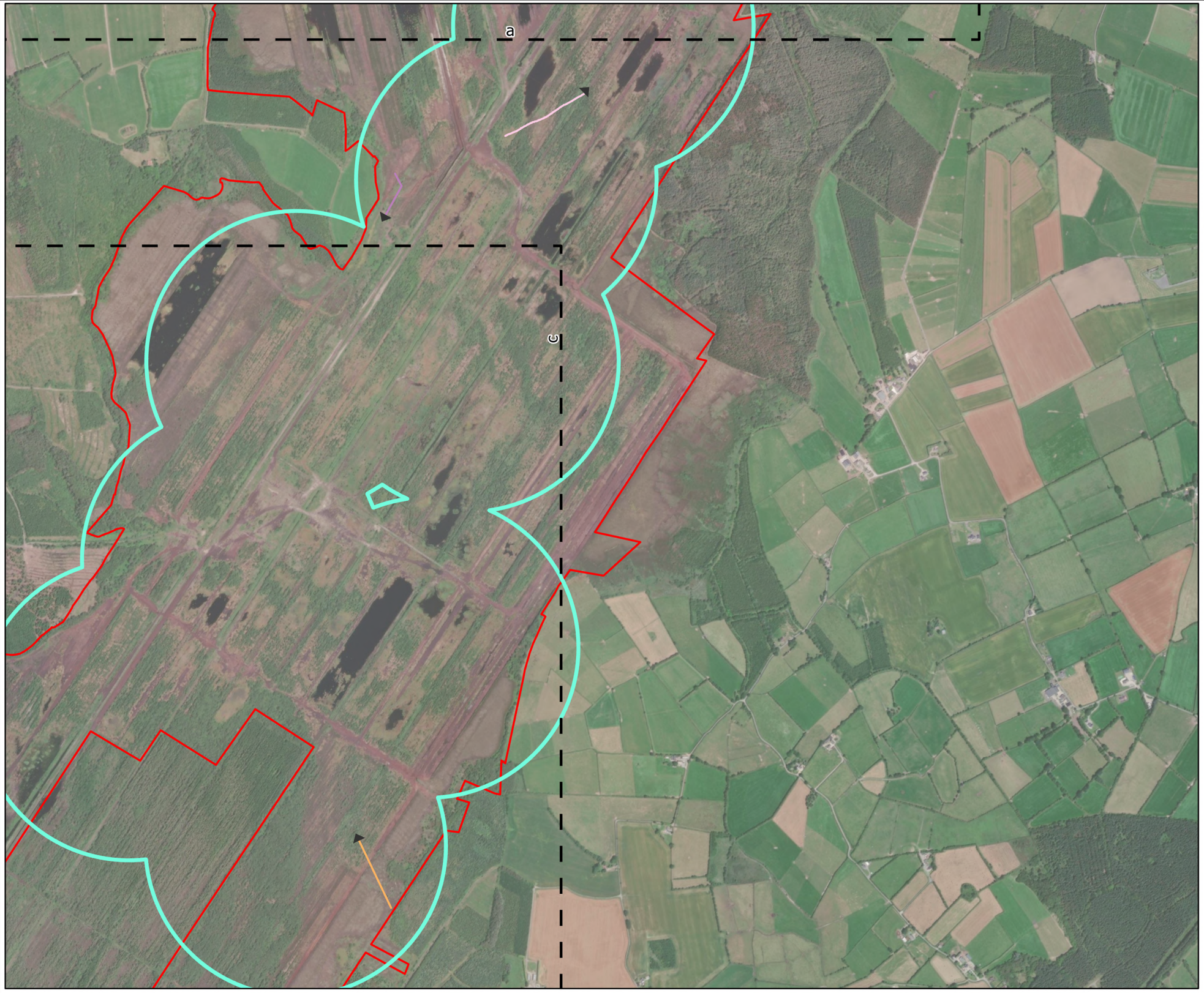

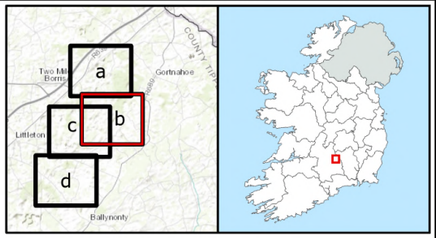

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Winter 2020/2021
- Winter 2022/2023
- Winter 2024/2025

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0 0.25 0.5 1 Kilometers

TITLE:	Woodcock - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.b		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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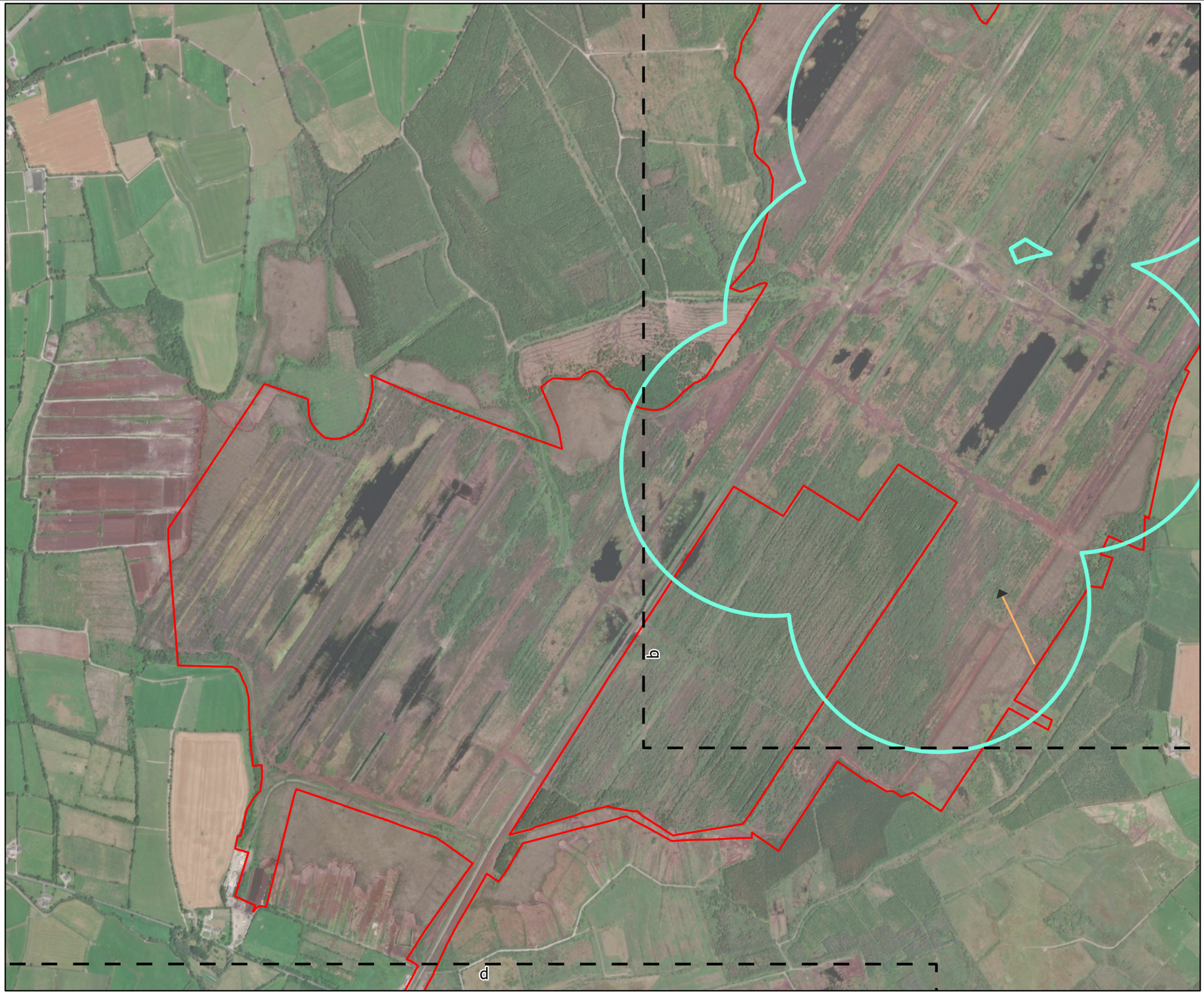

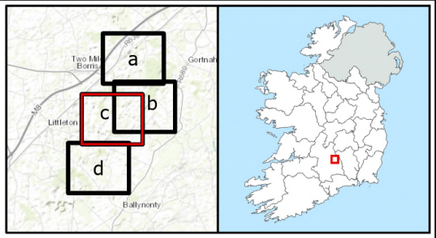

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Winter 2020/2021

N W E S

0 0.25 0.5 1 Kilometers

TITLE:	Woodcock - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.c		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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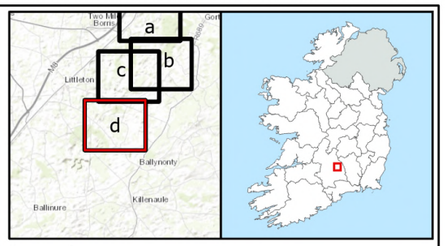

Legend

- Site Boundary
- Index Panel
- Turbine Buffer 500m
- Winter 2021/2022
- Winter 2024/2025

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TITLE:	Woodcock - VP Survey Flightlines		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix.d		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:12,500	**REVISION:**	0
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APPENDIX 9

Breeding Bird Survey Results

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	Along LI T1
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	PW	Pied/White Wagtail	Motacilla alba	Green	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	SM	Sand Martin	Riparia riparia	Amber	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	SM	Sand Martin	Riparia riparia	Amber	No	100m+/FO	45	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	MG	Magpie	Pica pica	Green	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	RO	Rook	Corvus frugilegus	Green	No	25-100m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	R.	Robin	Erithacus rubecula	Green	No	25-100m	4	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	B.	Blackbird	Turdus merula	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	CH	Chaffinch	Fringilla coelebs	Green	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	CD	Collared Dove	Streptopelia decaocto	Green	No	100m+/FO	1	
Summer_2021	4/13/2021	1	BP	4/8	V. Good	Dry	1	NE	BB-T1	18:48	19:25	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	RN	Raven	Corvus corax	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	4	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	4	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	4	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	off nest
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	3	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	CK	Cuckoo	Cuculus canorus	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	2	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	193	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	3	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	RO	Rook	Corvus frugilegus	Green	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	CU	Curlew	Numenius arquata	Red	No	100m+/FO	1	calling

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	MA	Mallard	Anas platyrhynchos	Amber	No	100m+/FO	4	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	6	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	L.	Lapwing	Vanellus vanellus	Red	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	GJ	Greylag Goose	Anser anser	Amber	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T6	7:16	8:05	T.	Teal	Anas crecca	Amber	No	100m+/FO	3	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	MA	Mallard	Anas platyrhynchos	Amber	No	100m+/FO	4	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	SL	Swallow	Hirundo rustica	Amber	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	CU	Curlew	Numenius arquata	Red	No	25-100m	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	CU	Curlew	Numenius arquata	Red	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	RN	Raven	Corvus corax	Green	No	25-100m	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	RO	Rook	Corvus frugilegus	Green	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	CK	Cuckoo	Cuculus canorus	Green	No	100m+/FO	1	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	L.	Lapwing	Vanellus vanellus	Red	No	100m+/FO	2	
Summer_2021	4/14/2021	1	BP	0/8-4/8	V. Good	Dry	2	SE	BB-T5	10:27	12:28	T.	Teal	Anas crecca	Amber	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	5	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	3	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	RO	Rook	Corvus frugilegus	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	8	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	100m+/FO	3	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	WR	Wren	Troglodytes troglodytes	Green	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	B.	Blackbird	Turdus merula	Green	No	25-100m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MH	Moorhen	Gallinula chloropus	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MH	Moorhen	Gallinula chloropus	Green	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	4	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	T.	Teal	Anas crecca	Amber	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	chipping
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	RN	Raven	Corvus corax	Green	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T4	7:14	8:08	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	GS	Great Spotted Woodpecker	Dendrocopos major	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	3	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	H.	Grey Heron	Ardea cinerea	Green	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	SN	Snipe	Gallinago gallinago	Red	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	1	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	2	
Summer_2021	4/15/2021	1	BP	5/8	V. Good	Dry	2	SE	BB-T3	18:10	19:55	PE	Peregrine	Falco peregrinus	Green	Yes	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	2 middle sections: - mainly bare peat, very little bird life away from WSI - little vegetation around bog pools
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	LI	Linnet	Carduelis cannabina	Amber	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	B.	Blackbird	Turdus merula	Green	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	RN	Raven	Corvus corax	Green	No	0-25m	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	JD	Jackdaw	Corvus monedula	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	JD	Jackdaw	Corvus monedula	Green	No	100m+/FO	4	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	SD	Stock Dove	Columba oenas	Red	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	MG	Magpie	Pica pica	Green	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	CC	Chiffchaff	Phylloscopus collybita	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	CD	Collared Dove	Streptopelia decaocto	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8	V. Good	Dry	0	0	BB-T7	6:40	7:31	FP	Feral Pigeon	Columba livia	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	WL2/WS1/WN7 All along transects both sides willow and birch and gorse scrub and trees with wawthorn
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	12	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	7	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	B.	Blackbird	Turdus merula	Green	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	RO	Rook	Corvus frugilegus	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	RB	Reed Bunting	Emberiza schoeniclus	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	RN	Raven	Corvus corax	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	2	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	H.	Grey Heron	Ardea cinerea	Green	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	L.	Lapwing	Vanellus vanellus	Red	No	100m+/FO	1	
Summer_2021	4/16/2021	1	BP	0/8 - 1/8	V. Good	Dry	1	SE	BB-T8	8:21	10:10	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	B.	Blackbird	Turdus merula	Green	No	0-25m	3	bog lake west of transect ml along 10-30m from transect, mostly WN7+WS1 along transect
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	9	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	7	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	0-25m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	100m+/FO	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MA	Mallard	Anas platyrhynchos	Amber	No	0-25m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MA	Mallard	Anas platyrhynchos	Amber	No	100m+/FO	3	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	R.	Robin	Erithacus rubecula	Green	No	100m+/FO	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	2	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	146	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	L.	Lapwing	Vanellus vanellus	Red	No	100m+/FO	1	
Summer_2021	4/17/2021	1	BP	0/8	V. Good	Dry	1	S	BB-T2	6:46	7:40	H.	Grey Heron	Ardea cinerea	Green	No	100m+/FO	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	3	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	SL	Swallow	Hirundo rustica	Amber	No	25-100m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	BZ	Buzzard	Buteo buteo	Green	No	25-100m	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	JD	Jackdaw	Corvus monedula	Green	No	100m+/FO	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WR	Wren	Troglodytes troglodytes	Green	No	100m+/FO	2	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	MG	Magpie	Pica pica	Green	No	100m+/FO	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	SK	Siskin	Carduelis spinus	Green	No	100m+/FO	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	5/18/2021	2	BP	1/8	V. Good	Dry	1	SW	BB-T1	8:16	8:41	WP	Woodpigeon	Columba palumbus	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	6	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	6	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	0-25m	3	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	BH	Black-headed Gull	Chroicocephalus	Amber	No	25-100m	5	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														ridibundus					
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	MG	Magpie	Pica pica	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	RO	Rook	Corvus frugilegus	Green	No	25-100m	6	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	PW	Pied/White Wagtail	Motacilla alba	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	CK	Cuckoo	Cuculus canorus	Green	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	4	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	CO	Coot	Fulica atra	Amber	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	RO	Rook	Corvus frugilegus	Green	No	100m+/FO	6	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	1/8	V. Good	Dry	2	SE	BB-T2	6:18	7:04	SM	Sand Martin	Riparia riparia	Amber	No	100m+/FO	2	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	colony	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	H.	Grey Heron	Ardea cinerea	Green	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	19	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	MA	Mallard	Anas platyrhynchos	Amber	No	100m+/FO	1	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	CU	Curlew	Numenius arquata	Red	No	100m+/FO	2	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	B.	Blackbird	Turdus merula	Green	No	100m+/FO	2	
Summer_2021	5/31/2021	2	BP	7/8	V. Good	Dry	3	SE	BB-T6	20:17	20:30	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	stopped at WPC3 to study wader target sp.
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	6	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	CR	Common Crossbill	Loxia curvirostra	Green	No	0-25m	4	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	WH	Whitethroat	Sylvia communis	Green	No	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	CK	Cuckoo	Cuculus canorus	Green	No	0-25m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	3	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	0-25m	6	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	3	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	100m+/FO	5	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	2	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	RN	Raven	Corvus corax	Green	No	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	BA	Bar-tailed Godwit	Limosa lapponica	Red	Yes	100m+/FO	4	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	ET	Little Egret	Egretta garzetta	Green	Yes	100m+/FO	1	
Summer_2021	6/1/2021	2	BP	8/8	Good	Dry	0	0	BB-T5	5:27	7:40	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	12	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	ST	Song Thrush	Turdus philomelos	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	5	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	7	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	GT	Great Tit	Parus major	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	SG	Starling	Sturnus vulgaris	Amber	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	SG	Starling	Sturnus vulgaris	Amber	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	BZ	Buzzard	Buteo buteo	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	JD	Jackdaw	Corvus monedula	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	RN	Raven	Corvus corax	Green	No	100m+/FO	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	occasional	0	0	BB-T8	6:35	7:24	RO	Rook	Corvus frugilegus	Green	No	100m+/FO	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	7	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	JD	Jackdaw	Corvus monedula	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	JD	Jackdaw	Corvus monedula	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	ST	Song Thrush	Turdus philomelos	Green	No	100m+/FO	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	M.	Mistle Thrush	Turdus viscivorus	Green	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	5	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SL	Swallow	Hirundo rustica	Amber	No	0-25m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SL	Swallow	Hirundo rustica	Amber	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SL	Swallow	Hirundo rustica	Amber	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	B.	Blackbird	Turdus merula	Green	No	100m+/FO	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SL	Swallow	Hirundo rustica	Amber	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SL	Swallow	Hirundo rustica	Amber	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	MG	Magpie	Pica pica	Green	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SG	Starling	Sturnus vulgaris	Amber	No	25-100m	7	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SG	Starling	Sturnus vulgaris	Amber	No	100m+/FO	4	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	SM	Sand Martin	Riparia riparia	Amber	No	100m+/FO	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	ST	Song Thrush	Turdus philomelos	Green	No	100m+/FO	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	RO	Rook	Corvus frugilegus	Green	No	25-100m	15	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	RO	Rook	Corvus frugilegus	Green	No	100m+/FO	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	JD	Jackdaw	Corvus monedula	Green	No	25-100m	3	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	JD	Jackdaw	Corvus monedula	Green	No	100m+/FO	9	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	FP	Feral Pigeon	Columba livia	Green	No	100m+/FO	2	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	RN	Raven	Corvus corax	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	HM	House Martin	Delichon urbicum	Amber	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	CC	Chiffchaff	Phylloscopus collybita	Green	No	100m+/FO	1	
Summer_2021	6/2/2021	2	BP	8/8	Good	Dry	1	NE	BB-T7	8:15	9:09	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	3	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	CH	Chaffinch	Fringilla coelebs	Green	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	RO	Rook	Corvus frugilegus	Green	No	25-100m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	GS	Great Spotted Woodpecker	Dendrocopos major	Green	No	25-100m	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	CK	Cuckoo	Cuculus canorus	Green	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	LG	Little Grebe	Tachybaptus ruficollis	Green	No	100m+/FO	1	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	2	
Summer_2021	6/3/2021	2	BP	7/8	V. Good	Dry	0	0	BB-T3	6:06	7:48	ST	Song Thrush	Turdus philomelos	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	4	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	8	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	B.	Blackbird	Turdus merula	Green	No	100m+/FO	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	MP	Meadow Pipit	Anthus pratensis	Red	No	100m+/FO	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	0-25m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	SW	Sedge Warbler	Acrocephalus	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														schoenobaenus					
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	drumming
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	drumming
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	0-25m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	25-100m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	BC	Blackcap	Sylvia atricapilla	Green	No	100m+/FO	3	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	3	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	female
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	CK	Cuckoo	Cuculus canorus	Green	No	100m+/FO	1	male
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	H.	Grey Heron	Ardea cinerea	Green	No	25-100m	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	WH	Whitethroat	Sylvia communis	Green	No	100m+/FO	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	PH	Pheasant	Phasianus colchicus	Green	No	100m+/FO	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	HC	Hooded Crow	Corvus cornix	Green	No	100m+/FO	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	ST	Song Thrush	Turdus philomelos	Green	No	100m+/FO	1	
Summer_2021	6/17/2021	2	BP	0?8	V. Good	Dry	1	W	BB-T4	6:13	7:04	BZ	Buzzard	Buteo buteo	Green	No	100m+/FO	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	2	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	PW	Pied/White Wagtail	Motacilla alba	Green	No	25-100m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2022	4/2/2021	1	BP	4-6	V. Good	Dry	1	NW	BB-T1	19:04	19:40	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	7	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	L.	Lapwing	Vanellus vanellus	Red	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	T.	Teal	Anas crecca	Amber	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MG	Magpie	Pica pica	Green	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	BH	Black–headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	19	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	3	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	CU	Curlew	Numenius arquata	Red	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	RB	Reed Bunting	Emberiza schoeniclus	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MH	Moorhen	Gallinula chloropus	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T6	7:04	7:54	T.	Teal	Anas crecca	Amber	No	>100m/Fo	4	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	3	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	BH	Black-headed Gull	Chroicocephalus	Amber	No	25-100m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														ridibundus					
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	L.	Lapwing	Vanellus vanellus	Red	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	T.	Teal	Anas crecca	Amber	No	>100m/Fo	4	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	SV	Shoveler	Anas clypeata	Red	No	>100m/Fo	2	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	WN	Wigeon	Anas penelope	Amber	No	>100m/Fo	7	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	4	
Summer_2022	4/3/2021	1	BP	0	Good	Dry	0	0	BB-T5	8:15	9:26	BH	Black-headed Gull	Chroicocephalus	Amber	No	>100m/Fo	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														ridibundus					
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	3	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	GS	Great Spotted Woodpecker	Dendrocopos major	Green	No	0-25m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	BZ	Buzzard	Buteo buteo	Green	No	25-100m	2	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	2	
Summer_2022	4/7/2021	1	BP	5	V. Good	Dry	3	NW	BB-T3	18:35	19:10	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	10	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	D.	Dunnock	Prunella modularis	Green	No	0-25m	5	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	3	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	3	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	B.	Blackbird	Turdus merula	Green	No	0-25m	5	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	R.	Robin	Erithacus rubecula	Green	No	25-100m	5	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	M.	Mistle Thrush	Turdus viscivorus	Green	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	3	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	4	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	GT	Great Tit	Parus major	Green	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	ET	Little Egret	Egretta garzetta	Green	Yes	>100m/Fo	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	PW	Pied/White Wagtail	Motacilla alba	Green	No	>100m/Fo	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	Wp	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	2	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	MH	Moorhen	Gallinula chloropus	Green	No	>100m/Fo	1	
Summer_2022	4/8/2021	1	BP	0-6	V. Good	Dry	0	0	BB-T2	6:45	7:40	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	CT	Coal Tit	Periparus ater	Green	No	0-25m	3	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	B.	Blackbird	Turdus merula	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	5	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WA	Water Rail	Rallus aquaticus	Green	No	25-100m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	3	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MS	Mute Swan	Cygnus olor	Amber	No	25-100m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	T.	Teal	Anas crecca	Amber	No	25-100m	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MH	Moorhen	Gallinula chloropus	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	2	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	3	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	4/9/2021	1	BP	0-1	V. Good	Dry	1	SW	BB-T4	10:06	10:57	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	B.	Blackbird	Turdus merula	Green	No	0-25m	5	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	D.	Dunnock	Prunella modularis	Green	No	0-25m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	6	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	8	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	B.	Blackbird	Turdus merula	Green	No	25-100m	5	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	RN	Raven	Corvus corax	Green	No	25-100m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	4	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	5	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	RN	Raven	Corvus corax	Green	No	>100m/Fo	56	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	7	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	2	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2022	5/6/2022	1	BP	1-6	V. Good	Dry	2	NW	BB-T8	18:47	19:50	WH	Whitethroat	Sylvia communis	Green	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	JD	Jackdaw	Corvus monedula	Green	No	0-25m	3	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	SL	Swallow	Hirundo rustica	Amber	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	B.	Blackbird	Turdus merula	Green	No	25-100m	5	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	3	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	JD	Jackdaw	Corvus monedula	Green	No	25-100m	4	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	3	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	6	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	CC	Chiffchaff	Phylloscopus collybita	Green	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	M.	Mistle Thrush	Turdus viscivorus	Green	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	1	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	LI	Linnet	Carduelis cannabina	Amber	No	>100m/Fo	6	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	4	
Summer_2022	5/7/2022	1	BP	8	V. Good	Dry	0	0	BB-T7	6:05	7:11	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	5	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	5	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	SK	Siskin	Carduelis spinus	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	GS	Great Spotted Woodpecker	Dendrocopos major	Green	No	25-100m	1	18:20-19:40
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2022	6/12/2022	2	BP	7	V. Good	Dry	4	NW	BB-T3	18:20	20:36	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	M.	Mistle Thrush	Turdus viscivorus	Green	No	0-25m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	SN	Snipe	Gallinago gallinago	Red	No	0-25m	2	1 drumming, one flushed
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WA	Water Rail	Rallus aquaticus	Green	No	0-25m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	H.	Grey Heron	Ardea cinerea	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	4	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	25-100m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	drumming

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WA	Water Rail	Rallus aquaticus	Green	No	25-100m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	SL	Swallow	Hirundo rustica	Amber	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T4	6:47	7:50	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	BZ	Buzzard	Buteo buteo	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	GO	Goldfinch	Carduelis carduelis	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	5	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	SL	Swallow	Hirundo rustica	Amber	No	25-100m	2	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	HM	House Martin	Delichon urbicum	Amber	No	>100m/Fo	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	MG	Magpie	Pica pica	Green	No	>100m/Fo	3	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	9	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2022	6/13/2022	2	BP	8	V. Good	Dry	2	W	BB-T1	17:35	18:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	CK	Cuckoo	Cuculus canorus	Green	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	L.	Lapwing	Vanellus vanellus	Red	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	6	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	RO	Rook	Corvus frugilegus	Green	No	25-100m	4	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	L.	Lapwing	Vanellus vanellus	Red	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	SI	Swift	Apus apus	Red	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	BZ	Buzzard	Buteo buteo	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	L.	Lapwing	Vanellus vanellus	Red	No	>100m/Fo	2	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	WH	Whitethroat	Sylvia communis	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	8	V. Good	Dry	2	SW	BB-T5	9:35	10:30	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	5	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	flushed and drumming
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	2	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	6	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	5	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	3	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	6	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	3	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	SI	Swift	Apus apus	Red	No	>100m/Fo	2	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	3	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	L.	Lapwing	Vanellus vanellus	Red	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2022	6/14/2022	2	BP	7	V. Good	Dry	2	S	BB-T6	10:50	11:32	RN	Raven	Corvus corax	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	12	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	12	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	drumming
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WH	Whitethroat	Sylvia communis	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	JD	Jackdaw	Corvus monedula	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	RN	Raven	Corvus corax	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	7	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	3	
Summer_2022	6/15/2022	2	BP	7	V. Good	Dry	0	0	BB-T8	6:17	7:15	SN	Snipe	Gallinago gallinago	Red	No	>100m/Fo	1	drumming
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	D.	Dunnock	Prunella modularis	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	B.	Blackbird	Turdus merula	Green	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	PW	Pied/White Wagtail	Motacilla alba	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	JD	Jackdaw	Corvus monedula	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	RN	Raven	Corvus corax	Green	No	0-25m	4	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	SG	Starling	Sturnus vulgaris	Amber	No	0-25m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WH	Whitethroat	Sylvia communis	Green	No	25-100m	3	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WR	Wren	Troglodytes	Green	No	25-100m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														troglodytes					
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	RN	Raven	Corvus corax	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	GO	Goldfinch	Carduelis carduelis	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	JD	Jackdaw	Corvus monedula	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	4	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	FP	Feral Pigeon	Columba livia	Green	No	>100m/Fo	5	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	8	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	3	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	LI	Linnet	Carduelis cannabina	Amber	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	K.	Kestrel	Falco tinnunculus	Red	No	>100m/Fo	0	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2022	6/15/2022	2	BP	5-7	V. Good	Dry	1	S	BB-T7	8:20	9:24	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	10	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	6	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WH	Whitethroat	Sylvia communis	Green	No	0-25m	6	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	B.	Blackbird	Turdus merula	Green	No	25-100m	5	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	4	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	drumming
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WH	Whitethroat	Sylvia communis	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	15	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	SN	Snipe	Gallinago gallinago	Red	No	>100m/Fo	1	drumming
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2022	6/16/2022	2	BP	7-8	V. Good	Dry	1	S	BB-T2	6:16	7:15	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	B.	Blackbird	Turdus merula	Green	No	0-25m	5	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	3	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	R.	Robin	Erithacus rubecula	Green	No	0-25m	5	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	D.	Dunnock	Prunella modularis	Green	No	0-25m	4	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	2	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	GT	Great Tit	Parus major	Green	No	0-25m	2	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	3	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	CD	Collared Dove	Streptopelia decaocto	Green	No	0-25m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	5	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	MG	Magpie	Pica pica	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	GG	Great Crested Grebe	Podiceps cristatus	Amber	No	>100m/Fo	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	GJ	Greylag Goose	Anser anser	Amber	No	>100m/Fo	2	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2023	4/2/2023	1	BP	8	V. Good	Dry	1	NE	BB-T2	6:51	7:52	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	flushed
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	3	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MA	Mallard	Anas platyrhynchos	Amber	No	0-25m	3	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	CT	Coal Tit	Periparus ater	Green	No	25-100m	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	7	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	4	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	T.	Teal	Anas crecca	Amber	No	>100m/Fo	10	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	SV	Shoveler	Anas clypeata	Red	No	>100m/Fo	4	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	WN	Wigeon	Anas penelope	Amber	No	>100m/Fo	10	
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	MH	Moorhen	Gallinula chloropus	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/4/2023	1	BP	8	V. Good	Dry	3	S	BB-T5	10:12	11:16	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	4	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	3	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	both chipping
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	3	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	5	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	H.	Grey Heron	Ardea cinerea	Green	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	5	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	MH	Moorhen	Gallinula chloropus	Green	No	>100m/Fo	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	WN	Wigeon	Anas penelope	Amber	No	>100m/Fo	4	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	T.	Teal	Anas crecca	Amber	No	>100m/Fo	2	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	4/4/2023	1	BP	6-7	V. Good	Dry	3	S	BB-T6	12:08	12:50	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	CC	Chiffchaff	Phylloscopus collybita	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	CT	Coal Tit	Periparus ater	Green	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	SK	Siskin	Carduelis spinus	Green	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	GJ	Greylag Goose	Anser anser	Amber	No	>100m/Fo	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2023	4/14/2023	1	BP	1-3	V. Good	Dry	2	N	BB-T3	8:15	8:57	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	GR	Greenfinch	Carduelis chloris	Amber	No	0-25m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	5	
Summer_2023	4/14/2023	1	BP	3-4	V. Good	Dry	2	N	BB-T1	10:34	11:10	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	SN	Snipe	Gallinago gallinago	Red	No	0-25m	2	drumming & chipping
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	11	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	MS	Mute Swan	Cygnus olor	Amber	No	25-100m	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	R.	Robin	Erithacus rubecula	Green	No	25-100m	5	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	T.	Teal	Anas crecca	Amber	No	25-100m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	3	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	2	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2023	4/15/2023	1	BP	0	V. Good	Dry	0	W	BB-T4	7:40	8:33	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	ST	Song Thrush	Turdus philomelos	Green	No	point count	3	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	BC	Blackcap	Sylvia atricapilla	Green	No	point count	3	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	MP	Meadow Pipit	Anthus pratensis	Red	No	point count	2	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	HS	House Sparrow	Passer domesticus	Amber	No	point count	1	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	3	no distance bands for a point count

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	R.	Robin	Erithacus rubecula	Green	No	point count	3	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	B.	Blackbird	Turdus merula	Green	No	point count	1	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	BZ	Buzzard	Buteo buteo	Green	No	point count	1	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	HC	Hooded Crow	Corvus cornix	Green	No	point count	4	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	SM	Sand Martin	Riparia riparia	Amber	No	point count	6	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	CH	Chaffinch	Fringilla coelebs	Green	No	point count	1	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	GT	Great Tit	Parus major	Green	No	point count	1	no distance bands for a point count

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	WR	Wren	Troglodytes troglodytes	Green	No	point count	1	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	LR	Lesser Redpoll	Carduelis cabaret	Green	No	point count	2	no distance bands for a point count
Summer_2023	4/15/2023	1	BP	4-7	V. Good	Dry	1	S	PC2	9:40	10:28	RO	Rook	Corvus frugilegus	Green	No	point count	2	no distance bands for a point count
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	6	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	D.	Dunnock	Prunella modularis	Green	No	0-25m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	RN	Raven	Corvus corax	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	SL	Swallow	Hirundo rustica	Amber	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	R.	Robin	Erithacus rubecula	Green	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	RO	Rook	Corvus frugilegus	Green	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	JD	Jackdaw	Corvus monedula	Green	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	CC	Chiffchaff	Phylloscopus collybita	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	WH	Whitethroat	Sylvia communis	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	MG	Magpie	Pica pica	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	5	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	FP	Feral Pigeon	Columba livia	Green	No	>100m/Fo	8	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	1	NW	BB-T7	5:57	6:55	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	12	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	B.	Blackbird	Turdus merula	Green	No	0-25m	6	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	10	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	CC	Chiffchaff	Phylloscopus collybita	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	6	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	D.	Dunnock	Prunella modularis	Green	No	0-25m	4	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	B.	Blackbird	Turdus merula	Green	No	25-100m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	S.	Skylark	Alauda arvensis	Amber	No	25-100m	3	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	5	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WH	Whitethroat	Sylvia communis	Green	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	5/1/2023	1	BP	8	V. Good	Dry	2	NW	BB-T8	7:52	8:50	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	5	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	SG	Starling	Sturnus vulgaris	Amber	No	25-100m	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	JD	Jackdaw	Corvus monedula	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	BB-T1	6:10	6:50	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	B.	Blackbird	Turdus merula	Green	No	point count	1	no distance bands for a point count

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	RO	Rook	Corvus frugilegus	Green	No	point count	3	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	GT	Great Tit	Parus major	Green	No	point count	1	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	HC	Hooded Crow	Corvus cornix	Green	No	point count	2	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	CK	Cuckoo	Cuculus canorus	Green	No	point count	1	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	JD	Jackdaw	Corvus monedula	Green	No	point count	2	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	ST	Song Thrush	Turdus philomelos	Green	No	point count	1	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	R.	Robin	Erithacus rubecula	Green	No	point count	2	no distance bands for a point count

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	WR	Wren	Troglodytes troglodytes	Green	No	point count	3	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	2	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	WP	Woodpigeon	Columba palumbus	Green	No	point count	5	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	CH	Chaffinch	Fringilla coelebs	Green	No	point count	2	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	BC	Blackcap	Sylvia atricapilla	Green	No	point count	1	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	MP	Meadow Pipit	Anthus pratensis	Red	No	point count	3	no distance bands for a point count
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	LR	Lesser Redpoll	Carduelis cabaret	Green	No	point count	1	no distance bands for a point count

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/30/2023	2	BP	0	V. Good	Dry	1	NE	PC2	5:33	6:00	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	point count	4	no distance bands for a point count
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	7	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	6	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WH	Whitethroat	Sylvia communis	Green	No	0-25m	3	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	PH	Pheasant	Phasianus colchicus	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	JD	Jackdaw	Corvus monedula	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	BZ	Buzzard	Buteo buteo	Green	No	25-100m	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	2	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	GG	Great Crested Grebe	Podiceps cristatus	Amber	No	>100m/Fo	1	
Summer_2023	5/31/2023	2	BP	0-1	V. Good	Dry	3	NE	BB-T2	9:55	10:48	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	CR	Common Crossbill	Loxia curvirostra	Green	No	0-25m	2	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	3	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	0	V. Good	Dry	1	NE	BB-T3	5:50	6:33	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	3	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	8	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	MA	Mallard	Anas platyrhynchos	Amber	No	0-25m	5	adult with 4 chicks
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	M.	Mistle Thrush	Turdus viscivorus	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	0-25m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	R.	Robin	Erithacus rubecula	Green	No	25-100m	3	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	25-100m	4	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	chipping and drumming
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WR	Wren	Troglodytes	Green	No	25-100m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
														troglodytes					
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WH	Whitethroat	Sylvia communis	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	2	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	6/1/2023	2	BP	1	V. Good	Dry	2	NE	BB-T4	9:15	10:05	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	4	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SM	Sand Martin	Riparia riparia	Amber	No	0-25m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	5	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	3	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	5	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	3	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	not specified	2	65 s in C
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T6	5:43	6:28	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	not specified	4	136 s in A,B,C
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	5	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	L.	Lapwing	Vanellus vanellus	Red	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	6	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	drumming
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	L.	Lapwing	Vanellus vanellus	Red	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	drumming
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	M.	Mistle Thrush	Turdus viscivorus	Green	No	25-100m	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	3	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	H.	Grey Heron	Ardea cinerea	Green	No	>100m/Fo	1	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	2	
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/2/2023	2	BP	0	V. Good	Dry	1	NE	BB-T5	6:40	7:34	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	10	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	6	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	4	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	SK	Siskin	Carduelis spinus	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	CU	Curlew	Numenius arquata	Red	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WH	Whitethroat	Sylvia communis	Green	No	25-100m	3	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	SK	Siskin	Carduelis spinus	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	SN	Snipe	Gallinago gallinago	Red	No	>100m/Fo	1	chipping
Summer_2023	6/15/2023	2	BP	8	Good	Dry	1	SE	BB-T8	5:40	6:37	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	S.	Skylark	Alauda arvensis	Amber	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	SG	Starling	Sturnus vulgaris	Amber	No	0-25m	12	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	JD	Jackdaw	Corvus monedula	Green	No	0-25m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	RO	Rook	Corvus frugilegus	Green	No	0-25m	3	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	M.	Mistle Thrush	Turdus viscivorus	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WH	Whitethroat	Sylvia communis	Green	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	GO	Goldfinch	Carduelis carduelis	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	GT	Great Tit	Parus major	Green	No	25-100m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	25-100m	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	MG	Magpie	Pica pica	Green	No	25-100m	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	JD	Jackdaw	Corvus monedula	Green	No	25-100m	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	5	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	FP	Feral Pigeon	Columba livia	Green	No	>100m/Fo	6	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	HM	House Martin	Delichon urbicum	Amber	No	>100m/Fo	2	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	4	
Summer_2023	6/15/2023	2	BP	8	V. Good	Dry	1	S	BB-T7	7:25	8:23	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	23	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	5	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	CC	Chiffchaff	Phylloscopus collybita	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	GC	Goldcrest	Regulus regulus	Amber	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	4	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	5	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	GL	Grey Wagtail	Motacilla cinerea	Red	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	CU	Curlew	Numenius arquata	Red	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	GJ	Greylag Goose	Anser anser	Amber	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	T.	Teal	Anas crecca	Amber	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T5	9:16	10:24	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	D.	Dunnock	Prunella modularis	Green	No	0-25m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	SN	Snipe	Gallinago gallinago	Red	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	4	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	S.	Skylark	Alauda arvensis	Amber	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	CT	Coal Tit	Periparus ater	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	S.	Skylark	Alauda arvensis	Amber	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	7	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	CU	Curlew	Numenius arquata	Red	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	H.	Grey Heron	Ardea cinerea	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	T.	Teal	Anas crecca	Amber	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	SC	Stonechat	Saxicola rubicola	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	2	SW	BB-T6	11:03	11:43	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	5	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	GL	Grey Wagtail	Motacilla cinerea	Red	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	GO	Goldfinch	Carduelis carduelis	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	JD	Jackdaw	Corvus monedula	Green	No	25-100m	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	CC	Chiffchaff	Phylloscopus collybita	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	BZ	Buzzard	Buteo buteo	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	WR	Wren	Troglodytes troglodytes	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	BB-T1	12:43	13:20	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	13:25	14:00	BC	Blackcap	Sylvia atricapilla	Green	No	point count	1
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	WR	Wren	Troglodytes troglodytes	Green	No	point count	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	B.	Blackbird	Turdus merula	Green	No	point count	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	CH	Chaffinch	Fringilla coelebs	Green	No	point count	1	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	R.	Robin	Erithacus rubecula	Green	No	point count	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	MP	Meadow Pipit	Anthus pratensis	Red	No	point count	2	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	SM	Sand Martin	Riparia riparia	Amber	No	point count	3	
Summer_2024	4/18/2024	1	BP	8	V. Good	Dry	3	W	PC2	13:25	14:00	GT	Great Tit	Parus major	Green	No	point count	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	CT	Coal Tit	Periparus ater	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	4	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	CC	Chiffchaff	Phylloscopus collybita	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	7	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	5	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	SK	Siskin	Carduelis spinus	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	M.	Mistle Thrush	Turdus viscivorus	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	RN	Raven	Corvus corax	Green	No	>100m/Fo	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	2	NW	BB-T3	8:25	8:58	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	5	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	MS	Mute Swan	Cygnus olor	Amber	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	MH	Moorhen	Gallinula chloropus	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	S.	Skylark	Alauda arvensis	Amber	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	16	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	MS	Mute Swan	Cygnus olor	Amber	No	25-100m	1	on nest
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	RN	Raven	Corvus corax	Green	No	25-100m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	H.	Grey Heron	Ardea cinerea	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	R.	Robin	Erithacus rubecula	Green	No	25-100m	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	T.	Teal	Anas crecca	Amber	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	2	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	3	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	4/19/2024	1	BP	8	V. Good	Dry	3	NW	BB-T4	9:45	10:50	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	B.	Blackbird	Turdus merula	Green	No	0-25m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	SG	Starling	Sturnus vulgaris	Amber	No	0-25m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	12	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	5	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	R.	Robin	Erithacus rubecula	Green	No	0-25m	3	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	GT	Great Tit	Parus major	Green	No	0-25m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	PH	Pheasant	Phasianus colchicus	Green	No	0-25m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	9	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	3	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	3	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	B.	Blackbird	Turdus merula	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	BT	Blue Tit	Cyanistes caeruleus	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	M.	Mistle Thrush	Turdus viscivorus	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	4	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	4/24/2024	1	BP	1	V. Good	Dry	1	NW	BB-T2	6:15	7:05	BC	Blackcap	Sylvia atricapilla	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	SG	Starling	Sturnus vulgaris	Amber	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	B.	Blackbird	Turdus merula	Green	No	0-25m	6	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	D.	Dunnock	Prunella modularis	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	PW	Pied/White Wagtail	Motacilla alba	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	JD	Jackdaw	Corvus monedula	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	RO	Rook	Corvus frugilegus	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	SL	Swallow	Hirundo rustica	Amber	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	4	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	JD	Jackdaw	Corvus monedula	Green	No	25-100m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	5	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	GO	Goldfinch	Carduelis carduelis	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	MG	Magpie	Pica pica	Green	No	25-100m	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	SG	Starling	Sturnus vulgaris	Amber	No	>100m/Fo	3	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	LI	Linnet	Carduelis cannabina	Amber	No	>100m/Fo	4	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	FP	Feral Pigeon	Columba livia	Green	No	>100m/Fo	2	
Summer_2024	5/10/2024	1	BP	7	V. Good	Dry	0	SE	BB-T7	5:40	6:38	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	6	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	WR	Wren	Troglodytes troglodytes	Green	No	point count	2	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	Wp	Woodpigeon	Columba palumbus	Green	No	point count	2	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	ST	Song Thrush	Turdus philomelos	Green	No	point count	2	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	WH	Whitethroat	Sylvia communis	Green	No	point count	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	4	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	H.	Grey Heron	Ardea cinerea	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	B.	Blackbird	Turdus merula	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	CK	Cuckoo	Cuculus canorus	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	S.	Skylark	Alauda arvensis	Amber	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	MH	Moorhen	Gallinula chloropus	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	BC	Blackcap	Sylvia atricapilla	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	BT	Blue Tit	Cyanistes caeruleus	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	HC	Hooded Crow	Corvus cornix	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	R.	Robin	Erithacus rubecula	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	PH	Pheasant	Phasianus colchicus	Green	No	point count	1	
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	SN	Snipe	Gallinago gallinago	Red	No	point count	1	chipping 200m to south
Summer_2024	5/9/2024	1	BP	7	V. Good	Dry	1	S	PC3	9:30	10:00	RB	Reed Bunting	Emberiza schoeniclus	Green	No	point count	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	10	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	9	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	3	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	2	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	B.	Blackbird	Turdus merula	Green	No	25-100m	3	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	8	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	4	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	2	male and

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
																			female 150m apart
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	SW	Sedge Warbler	Acrocephalus schoenobaenus	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	4	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	CC	Chiffchaff	Phylloscopus collybita	Green	No	>100m/Fo	1	
Summer_2024	5/10/2024	1	BP	2	V. Good	Dry	0	SE	BB-T8	7:44	8:42	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	6	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	R.	Robin	Erithacus rubecula	Green	No	0-25m	4	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	H.	Grey Heron	Ardea cinerea	Green	No	0-25m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WA	Water Rail	Rallus aquaticus	Green	No	0-25m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	R.	Robin	Erithacus rubecula	Green	No	25-100m	4	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	9	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	B.	Blackbird	Turdus merula	Green	No	25-100m	4	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	2	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	T.	Teal	Anas crecca	Amber	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	MS	Mute Swan	Cygnus olor	Amber	No	25-100m	6	2 adults and 4 juveniles
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	RO	Rook	Corvus frugilegus	Green	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WK	Woodcock	Scolopax rusticola	Red	No	25-100m	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	4	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	2	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	2	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	R.	Robin	Erithacus rubecula	Green	No	>100m/Fo	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	3	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	4	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2024	5/16/2024	2	BP	8	V. Good	some drizzle	2	NW	BB-T4	20:32	21:40	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	8	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	D.	Dunnock	Prunella modularis	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	GT	Great Tit	Parus major	Green	No	0-25m	3	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	5	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	SK	Siskin	Carduelis spinus	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WH	Whitethroat	Sylvia communis	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	RB	Reed Bunting	Emberiza schoenicl us	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	MH	Moorhen	Gallinula chloropus	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	LG	Little Grebe	Tachybaptus ruficollis	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	H.	Grey Heron	Ardea cinerea	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	3	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	3	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	chipping
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	CD	Collared Dove	Streptopelia decaocto	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	SC	Stonechat	Saxicola rubicola	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	3	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	21	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	PW	Pied/White Wagtail	Motacilla alba	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	SN	Snipe	Gallinago gallinago	Red	No	>100m/Fo	1	chipping
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	RB	Reed Bunting	Emberiza schoeniclus	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	3	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	LG	Little Grebe	Tachybaptus ruficollis	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	4	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	1	V. Good	Dry	0	NW	BB-T2	5:43	6:52	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	R.	Robin	Erithacus rubecula	Green	No	0-25m	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	GO	Goldfinch	Carduelis carduelis	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	PW	Pied/White Wagtail	Motacilla alba	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	HS	House Sparrow	Passer domesticus	Amber	No	0-25m	6	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	RO	Rook	Corvus frugilegus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	D.	Dunnock	Prunella modularis	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	HS	House Sparrow	Passer domesticus	Amber	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	CH	Chaffinch	Fringilla coelebs	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	2	
Summer_2024	6/2/2024	2	BP	2	V. Good	Dry	1	NW	BB-T1	7:35	8:10	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	SM	Sand Martin	Riparia riparia	Amber	No	point count	3	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	MP	Meadow Pipit	Anthus pratensis	Red	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	ST	Song Thrush	Turdus philomelos	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	CH	Chaffinch	Fringilla coelebs	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	WP	Woodpigeon	Columba palumbus	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	PW	Pied/White Wagtail	Motacilla alba	Green	No	point count	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	JD	Jackdaw	Corvus monedula	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	MG	Magpie	Pica pica	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	WR	Wren	Troglodytes troglodytes	Green	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	2	
Summer_2024	6/1/2024	2	BP	0	V. Good	Dry	1	N	PC2	18:25	18:50	RB	Reed Bunting	Emberiza schoeniclus	Green	No	point count	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	CT	Coal Tit	Periparus ater	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	6	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	5	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	L.	Lapwing	Vanellus vanellus	Red	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	R.	Robin	Erithacus rubecula	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	4	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	B.	Blackbird	Turdus merula	Green	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	4	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	L.	Lapwing	Vanellus vanellus	Red	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	SN	Snipe	Gallinago gallinago	Red	No	25-100m	2	150 m apart, both chipping
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	MA	Mallard	Anas platyrhynchos	Amber	No	25-100m	17	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	LR	Lesser Redpoll	Carduelis cabaret	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	SN	Snipe	Gallinago gallinago	Red	No	>100m/Fo	1	drumming
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	12	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	MA	Mallard	Anas platyrhynchos	Amber	No	>100m/Fo	3	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	1	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	5	
Summer_2024	6/2/2024	2	BP	8	V. Good	Dry	3	NW	BB-T5	19:15	20:20	PH	Pheasant	Phasianus colchicus	Green	No	>100m/Fo	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	B.	Blackbird	Turdus merula	Green	No	0-25m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	3	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CR	Common Crossbill	Loxia curvirostra	Green	No	0-25m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	R.	Robin	Erithacus rubecula	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	2	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	GT	Great Tit	Parus major	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CR	Common Crossbill	Loxia curvirostra	Green	No	25-100m	2	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	CK	Cuckoo	Cuculus canorus	Green	No	>100m/Fo	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2024	6/3/2024	2	BP	8	Good	occ. Light drizzle	3	NW	BB-T3	7:10	7:42	B.	Blackbird	Turdus merula	Green	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	3	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	2	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	RB	Reed Bunting	Emberiza schoeniclus	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	4	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SM	Sand Martin	Riparia riparia	Amber	No	0-25m	8	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SC	Stonechat	Saxicola rubicola	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SM	Sand Martin	Riparia riparia	Amber	No	25-100m	4	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	3	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	H.	Grey Heron	Ardea cinerea	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	CK	Cuckoo	Cuculus canorus	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SN	Snipe	Gallinago gallinago	Red	No	25-100m	1	drumming
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	BC	Blackcap	Sylvia atricapilla	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SM	Sand Martin	Riparia riparia	Amber	No	>100m/Fo	7	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	>100m/Fo	31	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	

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Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	MP	Meadow Pipit	Anthus pratensis	Red	No	>100m/Fo	2	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	2	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	S.	Skylark	Alauda arvensis	Amber	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	HC	Hooded Crow	Corvus cornix	Green	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	MG	Magpie	Pica pica	Green	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	K.	Kestrel	Falco tinnunculus	Red	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	6	V. Good	Dry	2	NW	BB-T6	7:48	8:30	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	point count	5	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	B.	Blackbird	Turdus merula	Green	No	point count	3	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	R.	Robin	Erithacus rubecula	Green	No	point count	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	RB	Reed Bunting	Emberiza schoenicl us	Green	No	point count	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	SM	Sand Martin	Riparia riparia	Amber	No	point count	8	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	WP	Woodpigeon	Columba palumbus	Green	No	point count	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	MH	Moorhen	Gallinula chloropus	Green	No	point count	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	MP	Meadow Pipit	Anthus pratensis	Red	No	point count	2	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	BC	Blackcap	Sylvia atricapilla	Green	No	point count	1	
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	LR	Lesser Redpoll	Carduelis cabaret	Green	No	point count	2	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/18/2024	2	BP	8	V. Good	Dry	2	N	PC3	20:10	20:35	M.	Mistle Thrush	Turdus viscivorus	Green	No	point count	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WH	Whitethroat	Sylvia communis	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	B.	Blackbird	Turdus merula	Green	No	0-25m	4	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	MP	Meadow Pipit	Anthus pratensis	Red	No	0-25m	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WP	Woodpigeon	Columba palumbus	Green	No	0-25m	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	MG	Magpie	Pica pica	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	3	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	5	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	25-100m	3	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	RB	Reed Bunting	Emberiza schoeniclus	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	RO	Rook	Corvus frugilegus	Green	No	25-100m	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	B.	Blackbird	Turdus merula	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	JD	Jackdaw	Corvus monedula	Green	No	25-100m	3	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	LI	Linnet	Carduelis cannabina	Amber	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	GR	Greenfinch	Carduelis chloris	Amber	No	25-100m	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	SL	Swallow	Hirundo rustica	Amber	No	>100m/Fo	5	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	2	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	CC	Chiffchaff	Phylloscopus collybita	Green	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	RO	Rook	Corvus frugilegus	Green	No	>100m/Fo	5	
Summer_2024	6/19/2024	2	BP	1	V. Good	Dry	1	W	BB-T7	21:07	22:10	JD	Jackdaw	Corvus monedula	Green	No	>100m/Fo	5	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	B.	Blackbird	Turdus merula	Green	No	0-25m	3	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WR	Wren	Troglodytes troglodytes	Green	No	0-25m	10	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	0-25m	10	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	LI	Linnet	Carduelis cannabina	Amber	No	0-25m	3	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	BC	Blackcap	Sylvia atricapilla	Green	No	0-25m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	R.	Robin	Erithacus rubecula	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	GT	Great Tit	Parus major	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	CH	Chaffinch	Fringilla coelebs	Green	No	0-25m	3	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WH	Whitethroat	Sylvia communis	Green	No	0-25m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	D.	Dunnock	Prunella modularis	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	ST	Song Thrush	Turdus philomelos	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	LR	Lesser Redpoll	Carduelis cabaret	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	HC	Hooded Crow	Corvus cornix	Green	No	0-25m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	BT	Blue Tit	Cyanistes caeruleus	Green	No	0-25m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WP	Woodpigeon	Columba palumbus	Green	No	25-100m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	PH	Pheasant	Phasianus colchicus	Green	No	25-100m	3	

Season	Date	Round	Surveyor	Cloud (/8)	Visibility	Precipitation	Wind Speed (Beaufort)	Wind Direction	Transect Number	Start time	End time	BTO	Common Name	Latin	BoCCI	Annex I	Band	Quantity	Notes
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	25-100m	6	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	CH	Chaffinch	Fringilla coelebs	Green	No	25-100m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	D.	Dunnock	Prunella modularis	Green	No	25-100m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	MP	Meadow Pipit	Anthus pratensis	Red	No	25-100m	2	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	S.	Skylark	Alauda arvensis	Amber	No	25-100m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WR	Wren	Troglodytes troglodytes	Green	No	25-100m	3	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	ST	Song Thrush	Turdus philomelos	Green	No	25-100m	4	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	HC	Hooded Crow	Corvus cornix	Green	No	25-100m	4	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	CC	Chiffchaff	Phylloscopus collybita	Green	No	25-100m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	RN	Raven	Corvus corax	Green	No	25-100m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	25-100m	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	WP	Woodpigeon	Columba palumbus	Green	No	>100m/Fo	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	ST	Song Thrush	Turdus philomelos	Green	No	>100m/Fo	1	
Summer_2024	6/20/2024	2	BP	1	V. Good	Dry	0	variable	BB-T8	5:40	6:48	RN	Raven	Corvus corax	Green	No	>100m/Fo	2	

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APPENDIX 10

Winter Transect Results

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	07/11/20	4	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	7	No Notes
Winter 2020/2021	07/11/20	4	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	4	No Notes
Winter 2020/2021	07/11/20	4	1	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	3	No Notes
Winter 2020/2021	07/11/20	4	1	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	6	No Notes
Winter 2020/2021	07/11/20	4	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	6	No Notes
Winter 2020/2021	07/11/20	4	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	No Notes
Winter 2020/2021	07/11/20	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	1	No Notes
Winter 2020/2021	07/11/20	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	No Notes
Winter 2020/2021	07/11/20	4	1	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	0-25m	1	No Notes
Winter 2020/2021	07/11/20	4	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	3	No Notes
Winter 2020/2021	07/11/20	4	1	RE	Redwing	*Turdus iliacus*	Red	No	0-25m	5	No Notes
Winter 2020/2021	07/11/20	4	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	07/11/20	4	1	GT	Great Tit	*Parus major*	Green	No	0-25m	1	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	07/11/20	4	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	2	No Notes
Winter 2020/2021	07/11/20	4	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	3	No Notes
Winter 2020/2021	07/11/20	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	5	No Notes
Winter 2020/2021	07/11/20	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	100m +/FO	5	No Notes
Winter 2020/2021	07/11/20	4	1	PH	Pheasant	*Phasianus colchicus*	Green	No	25-100m	1	No Notes
Winter 2020/2021	07/11/20	4	1	J.	Jay	*Garrulus glandarius*	Green	No	25-100m	2	No Notes
Winter 2020/2021	07/11/20	4	1	H.	Grey Heron	*Ardea cinerea*	Green	No	25-100m	1	No Notes
Winter 2020/2021	07/11/20	4	1	L.	Lapwing	*Vanellus vanellus*	Red	No	25-100m	4	No Notes
Winter 2020/2021	07/11/20	4	1	K.	Kestrel	*Falco tinnunculus*	Red	No	25-100m	1	No Notes
Winter 2020/2021	07/11/20	4	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	14	No Notes
Winter 2020/2021	07/11/20	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	3	No Notes
Winter 2020/2021	07/11/20	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	07/11/20	4	1	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	2	No Notes
Winter 2020/2021	07/11/20	4	1	ET	Little Egret	*Egretta garzetta*	Green	Yes	100m +/FO	1	No Notes
Winter 2020/2021	07/11/20	4	1	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	100m +/FO	11	No Notes
Winter 2020/2021	21/11/20	1	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	No Notes
Winter 2020/2021	21/11/20	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	No Notes
Winter 2020/2021	21/11/20	1	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	3	No Notes
Winter 2020/2021	21/11/20	1	1	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	No Notes
Winter 2020/2021	21/11/20	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	14	No Notes
Winter 2020/2021	21/11/20	1	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	21/11/20	1	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	1	No Notes
Winter 2020/2021	21/11/20	1	1	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	3	No Notes
Winter 2020/2021	21/11/20	1	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	No Notes
Winter 2020/2021	21/11/20	1	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	25-100m	1	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	21/11/20	1	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	21/11/20	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	No Notes
Winter 2020/2021	21/11/20	1	1	J.	Jay	*Garrulus glandarius*	Green	No	25-100m	1	No Notes
Winter 2020/2021	21/11/20	1	1	RN	Raven	*Corvus corax*	Green	No	25-100m	1	No Notes
Winter 2020/2021	21/11/20	1	1	MS	Mute Swan	*Cygnus olor*	Amber	No	100m +/FO	2	No Notes
Winter 2020/2021	22/11/20	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	6	No Notes
Winter 2020/2021	22/11/20	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	25-100m	1	No Notes
Winter 2020/2021	22/11/20	3	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	3	No Notes
Winter 2020/2021	22/11/20	3	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	8	No Notes
Winter 2020/2021	22/11/20	3	1	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	6	No Notes
Winter 2020/2021	22/11/20	3	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	2	No Notes
Winter 2020/2021	22/11/20	3	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	No Notes
Winter 2020/2021	22/11/20	3	1	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	22/11/20	3	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	2	No Notes
Winter 2020/2021	22/11/20	3	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	2	No Notes
Winter 2020/2021	22/11/20	3	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	No Notes
Winter 2020/2021	22/11/20	3	1	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	No Notes
Winter 2020/2021	22/11/20	3	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	25-100m	2	No Notes
Winter 2020/2021	22/11/20	3	1	GT	Great Tit	*Parus major*	Green	No	25-100m	3	No Notes
Winter 2020/2021	22/11/20	3	1	D.	Dunnock	*Prunella modularis*	Green	No	25-100m	1	No Notes
Winter 2020/2021	22/11/20	3	1	H.	Grey Heron	*Ardea cinerea*	Green	No	100m +/FO	1	No Notes
Winter 2020/2021	28/11/20	2	1	CR	Common Crossbill	*Loxia curvirostra*	Green	No	0-25m	4	
Winter 2020/2021	28/11/20	2	1	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	4	No Notes
Winter 2020/2021	28/11/20	2	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	20	No Notes
Winter 2020/2021	28/11/20	2	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	28/11/20	2	1	WN	Wigeon	*Anas penelope*	Amber	No	0-25m	6	No Notes
Winter 2020/2021	28/11/20	2	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	No Notes
Winter 2020/2021	28/11/20	2	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	No Notes
Winter 2020/2021	28/11/20	2	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	2	No Notes
Winter 2020/2021	28/11/20	2	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	1	No Notes
Winter 2020/2021	28/11/20	2	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	No Notes
Winter 2020/2021	28/11/20	2	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	No Notes
Winter 2020/2021	28/11/20	2	1	ST	Song Thrush	*Turdus philomelos*	Green	No	0-25m	1	No Notes
Winter 2020/2021	28/11/20	2	1	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	25-100m	4	No Notes
Winter 2020/2021	28/11/20	2	1	HB	Carrion/Hooded Crow hybrid	*Corvus corone x cornix*	Green	No			
Winter 2020/2021	23/01/21	1	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	4	No Notes
Winter 2020/2021	23/01/21	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	2	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	23/01/21	1	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	No Notes
Winter 2020/2021	23/01/21	1	2	RN	Raven	*Corvus corax*	Green	No	0-25m	2	No Notes
Winter 2020/2021	23/01/21	1	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	No Notes
Winter 2020/2021	23/01/21	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	No Notes
Winter 2020/2021	23/01/21	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	4	No Notes
Winter 2020/2021	05/01/21	2	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2020/2021	05/01/21	2	2	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	2	
Winter 2020/2021	05/01/21	2	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2020/2021	05/01/21	2	2	GT	Great Tit	*Parus major*	Green	No	0-25m	2	
Winter 2020/2021	05/01/21	2	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2020/2021	05/01/21	2	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	2	
Winter 2020/2021	05/01/21	2	2	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	2	
Winter 2020/2021	05/01/21	2	2	MG	Magpie	*Pica pica*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	05/01/21	2	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	22	
Winter 2020/2021	05/01/21	2	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	45	
Winter 2020/2021	05/01/21	2	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	8	
Winter 2020/2021	14/01/21	3	2	H.	Grey Heron	*Ardea cinerea*	Green	No	0-25m	5	No Notes
Winter 2020/2021	14/01/21	3	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	No Notes
Winter 2020/2021	14/01/21	3	2	ET	Little Egret	*Egretta garzetta*	Green	Yes	0-25m	1	No Notes
Winter 2020/2021	14/01/21	3	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	No Notes
Winter 2020/2021	14/01/21	3	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	6	No Notes
Winter 2020/2021	14/01/21	3	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	4	No Notes
Winter 2020/2021	14/01/21	3	2	T.	Teal	*Anas crecca*	Amber	No	0-25m	4	No Notes
Winter 2020/2021	14/01/21	3	2	RN	Raven	*Corvus corax*	Green	No	25-100m	6	No Notes
Winter 2020/2021	14/01/21	3	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	1	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	03/02/21	1	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	3	No Notes
Winter 2020/2021	03/02/21	1	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	5	No Notes
Winter 2020/2021	03/02/21	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	No Notes
Winter 2020/2021	03/02/21	1	3	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	No Notes
Winter 2020/2021	03/02/21	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	No Notes
Winter 2020/2021	03/02/21	1	3	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	4	No Notes
Winter 2020/2021	03/02/21	1	3	RN	Raven	*Corvus corax*	Green	No	25-100m	2	No Notes
Winter 2020/2021	03/02/21	1	3	MG	Magpie	*Pica pica*	Green	No	25-100m	2	No Notes
Winter 2020/2021	03/02/21	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	2	No Notes
Winter 2020/2021	15/02/21	2	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	15/02/21	2	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	7	No Notes
Winter 2020/2021	15/02/21	2	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	No Notes
Winter 2020/2021	15/02/21	2	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	2	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	15/02/21	2	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	5	No Notes
Winter 2020/2021	15/02/21	2	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	3	No Notes
Winter 2020/2021	15/02/21	2	3	FF	Fieldfare	*Turdus pilaris*	Green	No	0-25m	1	No Notes
Winter 2020/2021	15/02/21	2	3	RN	Raven	*Corvus corax*	Green	No	0-25m	1	No Notes
Winter 2020/2021	15/02/21	2	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	4	No Notes
Winter 2020/2021	15/02/21	2	3	K.	Kestrel	*Falco tinnunculus*	Red	No	25-100m	1	No Notes
Winter 2020/2021	15/02/21	2	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	2	No Notes
Winter 2020/2021	15/02/21	2	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	12	No Notes
Winter 2020/2021	15/02/21	2	3	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	120	No Notes
Winter 2020/2021	15/02/21	2	3	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	20	No Notes
Winter 2020/2021	15/02/21	2	3	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	n/a	0	
Winter 2020/2021	06/02/21	3	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	2	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	06/02/21	3	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	6	No Notes
Winter 2020/2021	06/02/21	3	3	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	6	No Notes
Winter 2020/2021	06/02/21	3	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	No Notes
Winter 2020/2021	06/02/21	3	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	06/02/21	3	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	No Notes
Winter 2020/2021	06/02/21	3	3	WA	Water Rail	*Rallus aquaticus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	06/02/21	3	3	WA	Water Rail	*Rallus aquaticus*	Green	No	25-100m	2	No Notes
Winter 2020/2021	06/02/21	3	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	No Notes
Winter 2020/2021	06/02/21	3	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	No Notes
Winter 2020/2021	06/02/21	3	3	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	No Notes
Winter 2020/2021	06/02/21	3	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	6	No Notes
Winter 2020/2021	06/02/21	3	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	No Notes
Winter 2020/2021	06/02/21	3	3	RN	Raven	*Corvus corax*	Green	No	25-100m	9	No Notes

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2020/2021	06/02/21	3	3	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	20	No Notes
Winter 2021/2022	02/10/21	2	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	No Notes
Winter 2021/2022	02/10/21	2	1	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	No Notes
Winter 2021/2022	02/10/21	2	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	3	No Notes
Winter 2021/2022	02/10/21	2	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	No Notes
Winter 2021/2022	02/10/21	2	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	5	No Notes
Winter 2021/2022	02/10/21	2	1	T.	Teal	*Anas crecca*	Amber	No	0-25m	1	No Notes
Winter 2021/2022	02/10/21	2	1	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	6	No Notes
Winter 2021/2022	02/10/21	2	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	15	No Notes
Winter 2021/2022	02/10/21	2	1	RN	Raven	*Corvus corax*	Green	No	100m +/FO	4	No Notes
Winter 2021/2022	13/10/21	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	LI	Linnet	*Carduelis cannabina*	Amber	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	13/10/21	1	1	RO	Rook	*Corvus frugilegus*	Green	No	0-25m	4	
Winter 2021/2022	13/10/21	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	3	
Winter 2021/2022	13/10/21	1	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2021/2022	13/10/21	1	1	WP	Woodpigeon	*Columba palumbus*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	H.	Grey Heron	*Ardea cinerea*	Green	No	0-25m	1	
Winter 2021/2022	13/10/21	1	1	MS	Mute Swan	*Cygnus olor*	Amber	No	25-100m	1	
Winter 2021/2022	23/10/21	3	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2021/2022	23/10/21	3	1	CR	Common Crossbill	*Loxia curvirostra*	Green	No	0-25m	9	
Winter 2021/2022	23/10/21	3	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	2	
Winter 2021/2022	23/10/21	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	23/10/21	3	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	2	
Winter 2021/2022	23/10/21	3	1	PH	Pheasant	*Phasianus colchicus*	Green	No	0-25m	1	
Winter 2021/2022	23/10/21	3	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	16	
Winter 2021/2022	23/10/21	3	1	TU	Tufted Duck	*Aythya fuligula*	Amber	No	25-100m	1	
Winter 2021/2022	23/10/21	3	1	RN	Raven	*Corvus corax*	Green	No	25-100m	1	
Winter 2021/2022	23/10/21	3	1	H.	Grey Heron	*Ardea cinerea*	Green	No	25-100m	1	
Winter 2021/2022	23/10/21	3	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2021/2022	21/10/21	4	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	5	
Winter 2021/2022	21/10/21	4	1	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	3	
Winter 2021/2022	21/10/21	4	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	5	
Winter 2021/2022	21/10/21	4	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	4	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	21/10/21	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2021/2022	21/10/21	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	1	
Winter 2021/2022	21/10/21	4	1	PH	Pheasant	*Phasianus colchicus*	Green	No	0-25m	1	
Winter 2021/2022	21/10/21	4	1	PH	Pheasant	*Phasianus colchicus*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	2	
Winter 2021/2022	21/10/21	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	7	
Winter 2021/2022	21/10/21	4	1	LI	Linnet	*Carduelis cannabina*	Amber	No	0-25m	2	
Winter 2021/2022	21/10/21	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2021/2022	21/10/21	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	2	
Winter 2021/2022	21/10/21	4	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2021/2022	21/10/21	4	1	B.	Blackbird	*Turdus merula*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	2	
Winter 2021/2022	21/10/21	4	1	GT	Great Tit	*Parus major*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	21/10/21	4	1	HS	House Sparrow	*Passer domesticus*	Amber	No	25-100m	1	
Winter 2021/2022	21/10/21	4	1	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	25-100m	1	
Winter 2021/2022	21/10/21	4	1	RO	Rook	*Corvus frugilegus*	Green	No	25-100m	1	
Winter 2021/2022	21/10/21	4	1	H.	Grey Heron	*Ardea cinerea*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	SH	Sparrowhawk	*Accipiter nisus*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	100m +/FO	4	
Winter 2021/2022	21/10/21	4	1	JD	Jackdaw	*Corvus monedula*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2021/2022	21/10/21	4	1	PH	Pheasant	*Phasianus colchicus*	Green	No	100m +/FO	1	
Winter 2021/2022	02/12/21	2	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	6	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	02/12/21	2	2	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	2	
Winter 2021/2022	02/12/21	2	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2021/2022	02/12/21	2	2	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	GT	Great Tit	*Parus major*	Green	No	0-25m	2	
Winter 2021/2022	02/12/21	2	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	4	
Winter 2021/2022	02/12/21	2	2	J.	Jay	*Garrulus glandarius*	Green	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2021/2022	02/12/21	2	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	14	
Winter 2021/2022	02/12/21	2	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2021/2022	10/12/21	1	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	10/12/21	1	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2021/2022	10/12/21	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2021/2022	10/12/21	1	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2021/2022	10/12/21	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	12	
Winter 2021/2022	10/12/21	1	2	MG	Magpie	*Pica pica*	Green	No	0-25m	1	
Winter 2021/2022	10/12/21	1	2	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	1	
Winter 2021/2022	10/12/21	1	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	25	
Winter 2021/2022	18/12/21	1	2	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	7	
Winter 2021/2022	10/12/21	1	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	2	
Winter 2021/2022	10/12/21	1	2	SG	Starling	*Sturnus vulgaris*	Amber	No	0-25m	30	
Winter 2021/2022	10/12/21	1	2	RE	Redwing	*Turdus iliacus*	Red	No	0-25m	30	
Winter 2021/2022	10/12/21	1	2	ST	Song Thrush	*Turdus philomelos*	Green	No	0-25m	30	
Winter 2021/2022	10/12/21	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	30	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	10/12/21	1	2	J.	Jay	*Garrulus glandarius*	Green	No	25-100m	1	
Winter 2021/2022	18/12/21	3	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2021/2022	18/12/21	3	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2021/2022	18/12/21	3	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	4	
Winter 2021/2022	18/12/21	3	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2021/2022	18/12/21	3	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	3	
Winter 2021/2022	18/12/21	3	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	2	
Winter 2021/2022	18/12/21	3	2	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2021/2022	18/12/21	3	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2021/2022	18/12/21	3	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	2	
Winter 2021/2022	17/12/21	4	2	MG	Magpie	*Pica pica*	Green	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	17/12/21	4	2	LI	Linnet	*Carduelis cannabina*	Amber	No	0-25m	5	
Winter 2021/2022	17/12/21	4	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	3	
Winter 2021/2022	17/12/21	4	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	2	
Winter 2021/2022	17/12/21	4	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	2	
Winter 2021/2022	17/12/21	4	2	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	1	
Winter 2021/2022	17/12/21	4	2	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	3	
Winter 2021/2022	17/12/21	4	2	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	GC	Goldcrest	*Regulus regulus*	Amber	No	25-100m	2	
Winter 2021/2022	17/12/21	4	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	17/12/21	4	2	B.	Blackbird	*Turdus merula*	Green	No	25-100m	2	
Winter 2021/2022	17/12/21	4	2	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	HS	House Sparrow	*Passer domesticus*	Amber	No	25-100m	2	
Winter 2021/2022	17/12/21	4	2	RO	Rook	*Corvus frugilegus*	Green	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	PH	Pheasant	*Phasianus colchicus*	Green	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	9	
Winter 2021/2022	17/12/21	4	2	BZ	Buzzard	*Buteo buteo*	Green	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	LI	Linnet	*Carduelis cannabina*	Amber	No	25-100m	1	
Winter 2021/2022	17/12/21	4	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	25-100m	9	
Winter 2021/2022	17/12/21	4	2	MG	Magpie	*Pica pica*	Green	No	100m +/FO	1	
Winter 2021/2022	17/12/21	4	2	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	4	
Winter 2021/2022	17/12/21	4	2	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	100m +/FO	1	heard
Winter 2021/2022	17/12/21	4	2	WP	Woodpigeon	*Columba palumbus*	Green	No	100m +/FO	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	17/12/21	4	2	FF	Fieldfare	*Turdus pilaris*	Green	No	100m +/FO	3	
Winter 2021/2022	17/12/21	4	2	RE	Redwing	*Turdus iliacus*	Red	No	100m +/FO	1	
Winter 2021/2022	17/12/21	4	2	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	100m +/FO	1	
Winter 2021/2022	14/02/22	2	3	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2021/2022	14/02/22	2	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2021/2022	14/02/22	2	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2021/2022	14/02/22	2	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	3	
Winter 2021/2022	14/02/22	2	3	JS	Jack Snipe	*Lymnocryptes minimus*	Green	No	0-25m	1	
Winter 2021/2022	14/02/22	2	3	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2021/2022	14/02/22	2	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	2	
Winter 2021/2022	14/02/22	2	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	2	
Winter 2021/2022	14/02/22	2	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2021/2022	14/02/22	2	3	WP	Woodpigeon	*Columba palumbus*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	14/02/22	2	3	K.	Kestrel	*Falco tinnunculus*	Red	No	25-100m	1	
Winter 2021/2022	14/02/22	2	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	10	
Winter 2021/2022	14/02/22	2	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	8	
Winter 2021/2022	14/02/22	2	3	WN	Wigeon	*Anas penelope*	Amber	No	25-100m	80+	
Winter 2021/2022	14/02/22	2	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2021/2022	19/02/22	3	3	BZ	Buzzard	*Buteo buteo*	Green	No	0-25m	1	
Winter 2021/2022	19/02/22	3	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2021/2022	19/02/22	3	3	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2021/2022	19/02/22	3	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2021/2022	19/02/22	3	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2021/2022	19/02/22	3	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2021/2022	19/02/22	3	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	4	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	19/02/22	3	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2021/2022	19/02/22	3	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	
Winter 2021/2022	19/02/22	3	3	RN	Raven	*Corvus corax*	Green	No	25-100m	4	
Winter 2021/2022	19/02/22	3	3	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	25-100m	1	
Winter 2021/2022	19/02/22	3	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	2	
Winter 2021/2022	19/02/22	3	3	RN	Raven	*Corvus corax*	Green	No	100m +/FO	2	
Winter 2021/2022	02/02/22	1	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	7	wagging
Winter 2021/2022	02/02/22	1	3	ST	Song Thrush	*Turdus philomelos*	Green	No	0-25m	4	singing
Winter 2021/2022	02/02/22	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2021/2022	02/02/22	1	3	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	3	
Winter 2021/2022	02/02/22	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	6	
Winter 2021/2022	02/02/22	1	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	3	
Winter 2021/2022	02/02/22	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	02/02/22	1	3	K.	Kestrel	*Falco tinnunculus*	Red	No	0-25m	1	
Winter 2021/2022	02/02/22	1	3	GT	Great Tit	*Parus major*	Green	No	0-25m	2	
Winter 2021/2022	02/02/22	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	2	
Winter 2021/2022	02/02/22	1	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2021/2022	02/02/22	1	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2021/2022	02/02/22	1	3	RN	Raven	*Corvus corax*	Green	No	0-25m	2	
Winter 2021/2022	07/03/22	4	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	6	
Winter 2021/2022	07/03/22	4	3	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2021/2022	07/03/22	4	3	RE	Redwing	*Turdus iliacus*	Red	No	0-25m	1	
Winter 2021/2022	07/03/22	4	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	2	
Winter 2021/2022	07/03/22	4	3	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2021/2022	07/03/22	4	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2021/2022	07/03/22	4	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	07/03/22	4	3	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	1	
Winter 2021/2022	07/03/22	4	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2021/2022	07/03/22	4	3	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	0-25m	1	
Winter 2021/2022	07/03/22	4	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	2	
Winter 2021/2022	07/03/22	4	3	D.	Dunnock	*Prunella modularis*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	3	
Winter 2021/2022	07/03/22	4	3	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	2	
Winter 2021/2022	07/03/22	4	3	HS	House Sparrow	*Passer domesticus*	Amber	No	25-100m	2	
Winter 2021/2022	07/03/22	4	3	GR	Greenfinch	*Carduelis chloris*	Amber	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	MH	Moorhen	*Gallinula chloropus*	Green	No	25-100m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2021/2022	07/03/22	4	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	25-100m	1	
Winter 2021/2022	07/03/22	4	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	100m +/FO	2	
Winter 2021/2022	07/03/22	4	3	MG	Magpie	*Pica pica*	Green	No	100m +/FO	1	
Winter 2021/2022	07/03/22	4	3	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	2	
Winter 2021/2022	07/03/22	4	3	BZ	Buzzard	*Buteo buteo*	Green	No	100m +/FO	2	
Winter 2021/2022	07/03/22	4	3	SG	Starling	*Sturnus vulgaris*	Amber	No	100m +/FO	1	
Winter 2021/2022	07/03/22	4	3	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	100m +/FO	1	
Winter 2021/2022	07/03/22	4	3	GG	Great Crested Grebe	*Podiceps cristatus*	Amber	No	100m +/FO	1	
Winter 2021/2022	07/03/22	4	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2022/2023	06/10/22	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	3	
Winter 2022/2023	06/10/22	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2022/2023	06/10/22	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	6	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	06/10/22	1	1	RO	Rook	*Corvus frugilegus*	Green	No	0-25m	2	
Winter 2022/2023	06/10/22	1	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	4	
Winter 2022/2023	06/10/22	1	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	
Winter 2022/2023	06/10/22	1	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2022/2023	06/10/22	2	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	
Winter 2022/2023	06/10/22	2	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	4	
Winter 2022/2023	06/10/22	2	1	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	6	
Winter 2022/2023	06/10/22	2	1	SL	Swallow	*Hirundo rustica*	Amber	No	0-25m	10	
Winter 2022/2023	06/10/22	2	1	SG	Starling	*Sturnus vulgaris*	Amber	No	0-25m	2	
Winter 2022/2023	06/10/22	2	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	30	
Winter 2022/2023	06/10/22	2	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	2	
Winter 2022/2023	06/10/22	2	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2022/2023	06/10/22	2	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	8	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	06/10/22	2	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	8	
Winter 2022/2023	06/10/22	2	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	1	
Winter 2022/2023	06/10/22	2	1	H.	Grey Heron	*Ardea cinerea*	Green	No	25-100m	1	
Winter 2022/2023	06/10/22	2	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2022/2023	06/10/22	3	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2022/2023	06/10/22	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	25-100m	1	
Winter 2022/2023	06/10/22	3	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	6	
Winter 2022/2023	20/10/22	4	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	3	
Winter 2022/2023	20/10/22	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	MG	Magpie	*Pica pica*	Green	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	6	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	20/10/22	4	1	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	3	
Winter 2022/2023	20/10/22	4	1	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	7	
Winter 2022/2023	20/10/22	4	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2022/2023	20/10/22	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	2	
Winter 2022/2023	20/10/22	4	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	3	
Winter 2022/2023	20/10/22	4	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2022/2023	20/10/22	4	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2022/2023	20/10/22	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	2	
Winter 2022/2023	20/10/22	4	1	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	3	
Winter 2022/2023	20/10/22	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	20/10/22	4	1	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	4	
Winter 2022/2023	20/10/22	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	4	
Winter 2022/2023	20/10/22	4	1	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	PH	Pheasant	*Phasianus colchicus*	Green	No	25-100m	1	
Winter 2022/2023	20/10/22	4	1	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	1	
Winter 2022/2023	20/10/22	4	1	H.	Grey Heron	*Ardea cinerea*	Green	No	100m +/FO	1	
Winter 2022/2023	20/10/22	4	1	MG	Magpie	*Pica pica*	Green	No	100m +/FO	1	
Winter 2022/2023	20/10/22	4	1	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	100m +/FO	7	
Winter 2022/2023	20/10/22	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2022/2023	20/10/22	4	1	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	20/10/22	4	1	JD	Jackdaw	*Corvus monedula*	Green	No	100m +/FO	2	
Winter 2022/2023	22/12/22	1	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	one BF was male
Winter 2022/2023	22/12/22	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2022/2023	22/12/22	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	12	
Winter 2022/2023	22/12/22	1	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	2	
Winter 2022/2023	22/12/22	1	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	2	
Winter 2022/2023	22/12/22	1	2	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2022/2023	22/12/22	1	2	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	2	
Winter 2022/2023	22/12/22	1	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2022/2023	22/12/22	1	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2022/2023	22/12/22	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	3	
Winter 2022/2023	22/12/22	1	2	D.	Dunnock	*Prunella modularis*	Green	No	25-100m	1	
Winter 2022/2023	22/12/22	1	2	JD	Jackdaw	*Corvus monedula*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	06/12/22	2	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	
Winter 2022/2023	06/12/22	2	2	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2022/2023	06/12/22	2	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	18	
Winter 2022/2023	06/12/22	2	2	WN	Wigeon	*Anas penelope*	Amber	No	0-25m	40	
Winter 2022/2023	06/12/22	2	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	4	
Winter 2022/2023	06/12/22	2	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2022/2023	06/12/22	2	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2022/2023	06/12/22	2	2	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2022/2023	06/12/22	2	2	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	
Winter 2022/2023	06/12/22	2	2	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	7	
Winter 2022/2023	06/12/22	2	2	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	100m +/FO	20	
Winter 2022/2023	06/12/22	2	2	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	6	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	14/12/22	3	2	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	WA	Water Rail	*Rallus aquaticus*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2022/2023	14/12/22	3	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	3	
Winter 2022/2023	14/12/22	3	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2022/2023	14/12/22	3	2	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	1	
Winter 2022/2023	14/12/22	3	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2022/2023	03/12/22	4	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	
Winter 2022/2023	03/12/22	4	2	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	03/12/22	4	2	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	4	
Winter 2022/2023	03/12/22	4	2	RO	Rook	*Corvus frugilegus*	Green	No	0-25m	26	
Winter 2022/2023	03/12/22	4	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	3	
Winter 2022/2023	03/12/22	4	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	10	
Winter 2022/2023	03/12/22	4	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	JD	Jackdaw	*Corvus monedula*	Green	No	0-25m	6	
Winter 2022/2023	03/12/22	4	2	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	1	
Winter 2022/2023	03/12/22	4	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2022/2023	03/12/22	4	2	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2022/2023	03/12/22	4	2	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	03/12/22	4	2	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	25-100m	1	
Winter 2022/2023	03/12/22	4	2	FF	Fieldfare	*Turdus pilaris*	Green	No	25-100m	32	
Winter 2022/2023	03/12/22	4	2	RO	Rook	*Corvus frugilegus*	Green	No	25-100m	8	
Winter 2022/2023	03/12/22	4	2	MH	Moorhen	*Gallinula chloropus*	Green	No	25-100m	2	
Winter 2022/2023	03/12/22	4	2	MS	Mute Swan	*Cygnus olor*	Amber	No	25-100m	2	
Winter 2022/2023	03/12/22	4	2	JD	Jackdaw	*Corvus monedula*	Green	No	25-100m	2	
Winter 2022/2023	03/12/22	4	2	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2022/2023	03/12/22	4	2	ST	Song Thrush	*Turdus philomelos*	Green	No	100m +/FO	1	
Winter 2022/2023	03/12/22	4	2	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	1	
Winter 2022/2023	05/02/23	3	3	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	
Winter 2022/2023	05/02/23	3	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	2	
Winter 2022/2023	05/02/23	3	3	T.	Teal	*Anas crecca*	Amber	No	0-25m	22	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	05/02/23	3	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	2	
Winter 2022/2023	05/02/23	3	3	RN	Raven	*Corvus corax*	Green	No	0-25m	3	
Winter 2022/2023	02/02/23	1	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	5	
Winter 2022/2023	02/02/23	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2022/2023	02/02/23	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	1	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	1	3	WP	Woodpigeon	*Columba palumbus*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	1	3	ST	Song Thrush	*Turdus philomelos*	Green	No	0-25m	2	
Winter 2022/2023	02/02/23	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2022/2023	02/02/23	1	3	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	1	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	1	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	02/02/23	1	3	ST	Song Thrush	*Turdus philomelos*	Green	No	25-100m	1	
Winter 2022/2023	02/02/23	2	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	
Winter 2022/2023	02/02/23	2	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	2	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	2	
Winter 2022/2023	02/02/23	2	3	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	1	
Winter 2022/2023	02/02/23	2	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2022/2023	02/02/23	2	3	WN	Wigeon	*Anas penelope*	Amber	No	25-100m	70	
Winter 2022/2023	02/02/23	2	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	30	
Winter 2022/2023	10/02/23	4	3	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	2	
Winter 2022/2023	10/02/23	4	3	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	
Winter 2022/2023	10/02/23	4	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	10/02/23	4	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	8	
Winter 2022/2023	10/02/23	4	3	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2022/2023	10/02/23	4	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	1	
Winter 2022/2023	10/02/23	4	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	D.	Dunnock	*Prunella modularis*	Green	No	25-100m	2	
Winter 2022/2023	10/02/23	4	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	GO	Goldfinch	*Carduelis carduelis*	Green	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	SG	Starling	*Sturnus vulgaris*	Amber	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2022/2023	10/02/23	4	3	GR	Greenfinch	*Carduelis chloris*	Amber	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2022/2023	10/02/23	4	3	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	
Winter 2022/2023	10/02/23	4	3	WP	Woodpigeon	*Columba palumbus*	Green	No	100m +/FO	1	
Winter 2022/2023	10/02/23	4	3	ST	Song Thrush	*Turdus philomelos*	Green	No	100m +/FO	1	
Winter 2022/2023	10/02/23	4	3	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	100m +/FO	2	
Winter 2022/2023	10/02/23	4	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2022/2023	10/02/23	4	3	JD	Jackdaw	*Corvus monedula*	Green	No	100m +/FO	11	
Winter 2022/2023	10/02/23	4	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	2	
Winter 2022/2023	10/02/23	4	3	H.	Grey Heron	*Ardea cinerea*	Green	No	100m +/FO	1	
Winter 2022/2023	10/02/23	4	3	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	100m +/FO	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	28/10/23	4	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	16	
Winter 2023/2024	28/10/23	4	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	4	
Winter 2023/2024	28/10/23	4	1	J.	Jay	*Garrulus glandarius*	Green	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	3	
Winter 2023/2024	28/10/23	4	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2023/2024	28/10/23	4	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	3	
Winter 2023/2024	28/10/23	4	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	4	
Winter 2023/2024	28/10/23	4	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	GT	Great Tit	*Parus major*	Green	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	2	
Winter 2023/2024	28/10/23	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	0-25m	3	
Winter 2023/2024	28/10/23	4	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	28/10/23	4	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2023/2024	28/10/23	4	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	3	
Winter 2023/2024	28/10/23	4	1	S.	Skylark	*Alauda arvensis*	Amber	No	25-100m	2	
Winter 2023/2024	28/10/23	4	1	B.	Blackbird	*Turdus merula*	Green	No	25-100m	3	
Winter 2023/2024	28/10/23	4	1	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	3	
Winter 2023/2024	28/10/23	4	1	MS	Mute Swan	*Cygnus olor*	Amber	No	25-100m	2	
Winter 2023/2024	28/10/23	4	1	MH	Moorhen	*Gallinula chloropus*	Green	No	25-100m	1	
Winter 2023/2024	28/10/23	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2023/2024	28/10/23	4	1	SG	Starling	*Sturnus vulgaris*	Amber	No	25-100m	2	
Winter 2023/2024	28/10/23	4	1	MG	Magpie	*Pica pica*	Green	No	25-100m	1	
Winter 2023/2024	28/10/23	4	1	JD	Jackdaw	*Corvus monedula*	Green	No	25-100m	1	
Winter 2023/2024	28/10/23	4	1	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	28/10/23	4	1	WP	Woodpigeon	*Columba palumbus*	Green	No	100m +/FO	1	
Winter 2023/2024	28/10/23	4	1	MG	Magpie	*Pica pica*	Green	No	100m +/FO	1	
Winter 2023/2024	28/10/23	4	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2023/2024	28/10/23	4	1	JD	Jackdaw	*Corvus monedula*	Green	No	100m +/FO	7	
Winter 2023/2024	06/10/23	3	1	SL	Swallow	*Hirundo rustica*	Amber	No	0-25m	13	
Winter 2023/2024	06/10/23	3	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	5	
Winter 2023/2024	06/10/23	3	1	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2023/2024	06/10/23	3	1	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	0-25m	2	
Winter 2023/2024	06/10/23	3	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2023/2024	06/10/23	3	1	RN	Raven	*Corvus corax*	Green	No	0-25m	1	
Winter 2023/2024	06/10/23	3	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	3	
Winter 2023/2024	06/10/23	3	1	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2023/2024	06/10/23	3	1	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	06/10/23	3	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	2	
Winter 2023/2024	06/10/23	3	1	K.	Kestrel	*Falco tinnunculus*	Red	No	0-25m	1	
Winter 2023/2024	06/10/23	3	1	H.	Grey Heron	*Ardea cinerea*	Green	No	25-100m	1	
Winter 2023/2024	06/10/23	3	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	7	
Winter 2023/2024	06/10/23	3	1	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2023/2024	06/10/23	1	1	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	6	
Winter 2023/2024	06/10/23	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	4	
Winter 2023/2024	06/10/23	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	4	
Winter 2023/2024	06/10/23	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2023/2024	06/10/23	1	1	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	2	
Winter 2023/2024	06/10/23	1	1	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	4	
Winter 2023/2024	06/10/23	1	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	06/10/23	1	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	
Winter 2023/2024	06/10/23	1	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2023/2024	26/10/23	1	1	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	3	
Winter 2023/2024	26/10/23	1	1	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	1	
Winter 2023/2024	26/10/23	1	1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	3	
Winter 2023/2024	26/10/23	1	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	1	
Winter 2023/2024	26/10/23	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	1	
Winter 2023/2024	26/10/23	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2023/2024	26/10/23	1	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	3	
Winter 2023/2024	26/10/23	1	1	T.	Teal	*Anas crecca*	Amber	No	25-100m	2	
Winter 2023/2024	26/10/23	1	1	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	25-100m	3	
Winter 2023/2024	26/10/23	1	1	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	100m +/FO	1	only heard

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	26/10/23	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2023/2024	10/01/24	4	2	GC	Goldcrest	*Regulus regulus*	Amber	No	0-25m	1	
Winter 2023/2024	10/01/24	4	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2023/2024	10/01/24	4	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	1	
Winter 2023/2024	10/01/24	4	2	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2023/2024	10/01/24	4	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2023/2024	10/01/24	4	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2023/2024	10/01/24	4	2	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2023/2024	10/01/24	4	2	CT	Coal Tit	*Periparus ater*	Green	No	25-100m	1	
Winter 2023/2024	10/01/24	4	2	GT	Great Tit	*Parus major*	Green	No	25-100m	1	
Winter 2023/2024	10/01/24	4	2	WP	Woodpigeon	*Columba palumbus*	Green	No	25-100m	4	
Winter 2023/2024	10/01/24	4	2	HS	House Sparrow	*Passer domesticus*	Amber	No	25-100m	6	
Winter 2023/2024	10/01/24	4	2	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	10/01/24	4	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	1	
Winter 2023/2024	10/01/24	4	2	MG	Magpie	*Pica pica*	Green	No	25-100m	2	
Winter 2023/2024	10/01/24	4	2	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	4	
Winter 2023/2024	10/01/24	4	2	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	2	
Winter 2023/2024	02/12/23	3	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2023/2024	02/12/23	3	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2023/2024	02/12/23	3	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2023/2024	02/12/23	3	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2023/2024	02/12/23	3	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2023/2024	02/12/23	3	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2023/2024	02/12/23	3	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2023/2024	04/12/23	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2023/2024	04/12/23	1	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	4	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	04/12/23	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2023/2024	04/12/23	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2023/2024	04/12/23	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	3	
Winter 2023/2024	04/12/23	1	2	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2023/2024	04/12/23	1	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	5	
Winter 2023/2024	04/12/23	1	2	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	0-25m	1	
Winter 2023/2024	04/12/23	1	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	2	
Winter 2023/2024	04/12/23	1	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2023/2024	04/12/23	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2023/2024	14/12/23	2	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	4	
Winter 2023/2024	14/12/23	2	2	T.	Teal	*Anas crecca*	Amber	No	0-25m	16	
Winter 2023/2024	14/12/23	2	2	WN	Wigeon	*Anas penelope*	Amber	No	0-25m	44	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	14/12/23	2	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	10	
Winter 2023/2024	14/12/23	2	2	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	1	no birds seen/heard in other distance bands
Winter 2023/2024	15/02/24	4	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	6	
Winter 2023/2024	15/02/24	4	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2023/2024	15/02/24	4	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2023/2024	15/02/24	4	3	JD	Jackdaw	*Corvus monedula*	Green	No	0-25m	2	
Winter 2023/2024	15/02/24	4	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2023/2024	15/02/24	4	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2023/2024	15/02/24	4	3	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	25-100m	1	
Winter 2023/2024	15/02/24	4	3	RO	Rook	*Corvus frugilegus*	Green	No	25-100m	1	
Winter 2023/2024	15/02/24	4	3	GT	Great Tit	*Parus major*	Green	No	25-100m	2	
Winter 2023/2024	15/02/24	4	3	HS	House Sparrow	*Passer domesticus*	Amber	No	25-100m	3	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	15/02/24	4	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	3	
Winter 2023/2024	15/02/24	4	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	2	
Winter 2023/2024	15/02/24	4	3	WP	Woodpigeon	*Columba palumbus*	Green	No	100m +/FO	1	
Winter 2023/2024	15/02/24	4	3	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	100m +/FO	2	
Winter 2023/2024	15/02/24	4	3	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	100m +/FO	1	
Winter 2023/2024	15/02/24	4	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2023/2024	07/02/24	3	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2023/2024	07/02/24	3	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2023/2024	07/02/24	3	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	5	
Winter 2023/2024	07/02/24	3	3	MH	Moorhen	*Gallinula chloropus*	Green	No	0-25m	1	
Winter 2023/2024	07/02/24	3	3	T.	Teal	*Anas crecca*	Amber	No	0-25m	8	
Winter 2023/2024	07/02/24	3	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	0-25m	4	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	07/02/24	3	3	SK	Siskin	*Carduelis spinus*	Green	No	0-25m	7	
Winter 2023/2024	07/02/24	3	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	4	
Winter 2023/2024	07/02/24	3	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2023/2024	07/02/24	3	3	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	25-100m	4	
Winter 2023/2024	07/02/24	3	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	3	
Winter 2023/2024	07/02/24	3	3	ST	Song Thrush	*Turdus philomelos*	Green	No	25-100m	1	
Winter 2023/2024	07/02/24	3	3	RN	Raven	*Corvus corax*	Green	No	25-100m	11	
Winter 2023/2024	07/02/24	3	3	ST	Song Thrush	*Turdus philomelos*	Green	No	100m +/FO	1	
Winter 2023/2024	12/02/24	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	0-25m	2	
Winter 2023/2024	12/02/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	2	
Winter 2023/2024	12/02/24	1	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	3	
Winter 2023/2024	12/02/24	1	3	ST	Song Thrush	*Turdus philomelos*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2023/2024	12/02/24	1	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2023/2024	12/02/24	1	3	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	0-25m	2	
Winter 2023/2024	12/02/24	1	3	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2023/2024	12/02/24	1	3	RN	Raven	*Corvus corax*	Green	No	25-100m	2	
Winter 2023/2024	12/02/24	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	2	
Winter 2023/2024	12/02/24	2	3	WP	Woodpigeon	*Columba palumbus*	Green	No	0-25m	1	
Winter 2023/2024	12/02/24	2	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	3	
Winter 2023/2024	12/02/24	2	3	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	1	
Winter 2023/2024	12/02/24	2	3	WN	Wigeon	*Anas penelope*	Amber	No	0-25m	90	
Winter 2023/2024	12/02/24	2	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	20	
Winter 2023/2024	12/02/24	2	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	60	
Winter 2024/2025	03/10/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	11	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	03/10/24	1	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	2	
Winter 2024/2025	03/10/24	1	2	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	0-25m	1	
Winter 2024/2025	03/10/24	1	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	10	
Winter 2024/2025	03/10/24	1	2	SC	Stonechat	*Saxicola rubicola*	Green	No	0-25m	2	
Winter 2024/2025	03/10/24	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	0-25m	1	
Winter 2024/2025	03/10/24	1	2	CT	Coal Tit	*Periparus ater*	Green	No	0-25m	1	
Winter 2024/2025	03/10/24	1	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2024/2025	03/10/24	1	2	LI	Linnet	*Linaria cannabina*	Amber	No	0-25m	5	
Winter 2024/2025	03/10/24	1	2	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2024/2025	03/10/24	1	2	CT	Coal Tit	*Periparus ater*	Green	No	25-100m	1	
Winter 2024/2025	03/10/24	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	3	
Winter 2024/2025	03/10/24	1	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	14	
Winter 2024/2025	03/10/24	1	2	SN	Snipe	*Gallinago gallinago*	Red	No	25-100m	4	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	03/10/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	2	
Winter 2024/2025	03/10/24	1	2	S.	Skylark	*Alauda arvensis*	Amber	No	25-100m	2	
Winter 2024/2025	03/10/24	1	2	WA	Water Rail	*Rallus aquaticus*	Green	No	25-100m	1	
Winter 2024/2025	03/10/24	1	2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	25-100m	1	
Winter 2024/2025	03/10/24	1	2	ET	Little Egret	*Egretta garzetta*	Green	Yes	25-100m	1	
Winter 2024/2025	03/10/24	1	2	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	23	
Winter 2024/2025	03/10/24	1	2	WP	Woodpigeon	*Columba palumbus*	Green	No	100m +/FO	1	
Winter 2024/2025	03/10/24	1	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	100m +/FO	5	
Winter 2024/2025	03/10/24	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	18	
Winter 2024/2025	03/10/24	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	2	
Winter 2024/2025	03/10/24	1	2	MG	Magpie	*Pica pica*	Green	No	100m +/FO	1	
Winter 2024/2025	03/10/24	1	2	WA	Water Rail	*Rallus aquaticus*	Green	No	100m +/FO	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	14/12/24	1	3	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	3	
Winter 2024/2025	14/12/24	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2024/2025	14/12/24	1	3	RN	Raven	*Corvus corax*	Green	No	100m +/FO	2	
Winter 2024/2025	14/12/24	1	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	3	
Winter 2024/2025	14/12/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	WA	Water Rail	*Rallus aquaticus*	Green	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	PH	Pheasant	*Phasianus colchicus*	Green	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	14/12/24	1	3	D.	Dunnock	*Prunella modularis*	Green	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	14/12/24	1	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	8	
Winter 2024/2025	14/12/24	1	3	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	25-100m	2	
Winter 2024/2025	14/12/24	1	3	D.	Dunnock	*Prunella modularis*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	CT	Coal Tit	*Periparus ater*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	14/12/24	1	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	25-100m	1	
Winter 2024/2025	14/12/24	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2024/2025	14/12/24	1	3	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	
Winter 2024/2025	14/12/24	1	3	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	
Winter 2024/2025	15/12/24	1	2	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	
Winter 2024/2025	15/12/24	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2024/2025	15/12/24	1	2	RO	Rook	*Corvus frugilegus*	Green	No	100m +/FO	3	
Winter 2024/2025	15/12/24	1	2	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	15/12/24	1	2	CH	Chaffinch	*Fringilla coelebs*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	PH	Pheasant	*Phasianus colchicus*	Green	No	0-25m	3	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	2	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	GO	Goldfinch	*Carduelis carduelis*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	15/12/24	1	2	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	0-25m	2	
Winter 2024/2025	15/12/24	1	2	RN	Raven	*Corvus corax*	Green	No	25-100m	1	
Winter 2024/2025	15/12/24	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2024/2025	15/12/24	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2024/2025	15/12/24	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	30	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	15/12/24	1	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	8	
Winter 2024/2025	15/12/24	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	26	
Winter 2024/2025	15/12/24	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	28	
Winter 2024/2025	15/12/24	1	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	2	
Winter 2024/2025	15/12/24	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	3	
Winter 2024/2025	15/12/24	1	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	7	
Winter 2024/2025	15/12/24	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	12	
Winter 2024/2025	08/02/25	1	3	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	25-100m	4	
Winter 2024/2025	08/02/25	1	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	SN	Snipe	*Gallinago gallinago*	Red	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	RN	Raven	*Corvus corax*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	WP	Woodpigeon	*Columba palumbus*	Green	No	25-100m	2	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	08/02/25	1	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	B.	Blackbird	*Turdus merula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	SN	Snipe	*Gallinago gallinago*	Red	No	0-25m	1	
Winter 2024/2025	08/02/25	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	T.	Teal	*Anas crecca*	Amber	No	25-100m	6	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	08/02/25	1	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	2	
Winter 2024/2025	08/02/25	1	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	25-100m	2	
Winter 2024/2025	08/02/25	1	3	MH	Moorhen	*Gallinula chloropus*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	MS	Mute Swan	*Cygnus olor*	Amber	No	25-100m	2	
Winter 2024/2025	08/02/25	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	B.	Blackbird	*Turdus merula*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	3	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	5	
Winter 2024/2025	08/02/25	1	3	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	2	
Winter 2024/2025	08/02/25	1	3	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2024/2025	08/02/25	1	3	ST	Song Thrush	*Turdus philomelos*	Green	No	100m +/FO	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	08/02/25	1	3	SK	Siskin	*Carduelis spinus*	Green	No	100m +/FO	1	
Winter 2024/2025	08/02/25	1	2	RN	Raven	*Corvus corax*	Green	No	100m +/FO	1	
Winter 2024/2025	08/02/25	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	100m +/FO	1	
Winter 2024/2025	08/02/25	1	2	R.	Robin	*Erithacus rubecula*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	2	ST	Song Thrush	*Turdus philomelos*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	2	R.	Robin	*Erithacus rubecula*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	0-25m	1	
Winter 2024/2025	08/02/25	1	2	WR	Wren	*Troglodytes troglodytes*	Green	No	25-100m	1	
Winter 2024/2025	08/02/25	1	2	HC	Hooded Crow	*Corvus cornix*	Green	No	25-100m	1	

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	08/02/25	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	4	
Winter 2024/2025	08/02/25	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	65	
Winter 2024/2025	08/02/25	1	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	35	
Winter 2024/2025	08/02/25	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	2	
Winter 2024/2025	08/02/25	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	2	
Winter 2024/2025	08/02/25	1	2	T.	Teal	*Anas crecca*	Amber	No	100m +/FO	6	
Winter 2024/2025	08/02/25	1	2	WN	Wigeon	*Anas penelope*	Amber	No	100m +/FO	22	
Winter 2024/2025	08/02/25	1	2	MA	Mallard	*Anas platyrhynchos*	Amber	No	100m +/FO	2	
Winter 2024/2025	########	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Adult Male
Winter 2024/2025	########	1	3	CH	Chaffinch	*Fringilla coelebs*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Both	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	########	1	3	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Both	11 birds	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	3	PH	Pheasant	*Phasianus colchicus*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Adult Male
Winter 2024/2025	########	1	3	CT	Coal Tit	*Periparus ater*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	3	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	########	1	3	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Both	4	Unsexed Adult
Winter 2024/2025	########	1	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	GO	Goldfinch	*Carduelis carduelis*	Green	No	Both	25	Unsexed Adult
Winter 2024/2025	########	1	4	S.	Skylark	*Alauda arvensis*	Amber	No	Both	4	Unsexed Adult
Winter 2024/2025	########	1	4	SG	Starling	*Sturnus vulgaris*	Amber	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Both	12	Unsexed Adult
Winter 2024/2025	########	1	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	GC	Goldcrest	*Regulus regulus*	Amber	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	CT	Coal Tit	*Periparus ater*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Adult Male

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	########	1	4	GC	Goldcrest	*Regulus regulus*	Amber	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	S.	Skylark	*Alauda arvensis*	Amber	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	CT	Coal Tit	*Periparus ater*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	R.	Robin	*Erithacus rubecula*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	S.	Skylark	*Alauda arvensis*	Amber	No	Both	2	Unsexed Adult
Winter 2024/2025	########	1	4	HC	Hooded Crow	*Corvus cornix*	Green	No	Both		Unsexed Adult
Winter 2024/2025	########	1	4	GO	Goldfinch	*Carduelis carduelis*	Green	No	Both	12	Unsexed Adult
Winter 2024/2025	########	1	4	RO	Rook	*Corvus frugilegus*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	D.	Dunnock	*Prunella modularis*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Heard	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	########	1	4	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	HM	House Martin	*Delichon urbicum*	Amber	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	CH	Chaffinch	*Fringilla coelebs*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	RO	Rook	*Corvus frugilegus*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	########	1	4	RO	Rook	*Corvus frugilegus*	Green	No	Both	13	Unsexed Adult
Winter 2024/2025	########	1	4	MG	Magpie	*Pica pica*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	J.	Jay	*Garrulus glandarius*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	########	1	4	GO	Goldfinch	*Carduelis carduelis*	Green	No	Both	18	Unsexed Adult
Winter 2024/2025	########	1	4	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Both	8	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	RN	Raven	*Corvus corax*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Both	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	29/10/2024	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	D.	Dunnock	*Prunella modularis*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	GC	Goldcrest	*Regulus regulus*	Amber	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	ST	Song Thrush	*Turdus philomelos*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	29/10/2024	1	1	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	GC	Goldcrest	*Regulus regulus*	Amber	No	Both	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	14/12/2024	2	4	H.	Grey Heron	*Ardea cinerea*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	JD	Jackdaw	*Corvus monedula*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	H.	Grey Heron	*Ardea cinerea*	Green	No	Seen	1 flushed from drain	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	GO	Goldfinch	*Carduelis carduelis*	Green	No	Heard	5	Unsexed Adult
Winter 2024/2025	14/12/2024	2	4	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	GO	Goldfinch	*Carduelis carduelis*	Green	No	Both	9	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	19/12/2024	2	1	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	B.	Blackbird	*Turdus merula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	RN	Raven	*Corvus corax*	Green	No	Seen	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	ET	Little Egret	*Egretta garzetta*	Green	No	Seen	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	SN	Snipe	*Gallinago gallinago*	Red	No	Both	1	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Seen	2	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	B.	Blackbird	*Turdus merula*	Green	No	Both	3	Adult Male
Winter 2024/2025	19/12/2024	2	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Seen	4	Unsexed Adult
Winter 2024/2025	19/12/2024	2	1	B.	Blackbird	*Turdus merula*	Green	No	Both	2	Adult Male
Winter 2024/2025	02/02/25	3	4	ST	Song Thrush	*Turdus philomelos*	Green	No	Heard	1	Adult Male
Winter 2024/2025	02/02/25	3	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	02/02/25	3	4	GC	Goldcrest	*Regulus regulus*	Amber	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	ST	Song Thrush	*Turdus philomelos*	Green	No	Both	1	Adult Male
Winter 2024/2025	02/02/25	3	4	B.	Blackbird	*Turdus merula*	Green	No	Seen	1	Adult Male
Winter 2024/2025	02/02/25	3	4	B.	Blackbird	*Turdus merula*	Green	No	Seen	2	Male anf Female
Winter 2024/2025	02/02/25	3	4	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Seen	1	Adult Male
Winter 2024/2025	02/02/25	3	4	R.	Robin	*Erithacus rubecula*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	Seen	1	Adult flying over NE
Winter 2024/2025	02/02/25	3	4	GT	Great Tit	*Parus major*	Green	No	Both	1	Adult Male
Winter 2024/2025	02/02/25	3	4	D.	Dunnock	*Prunella modularis*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	WR	Wren	*Troglodytes troglodytes*	Green	No	Heard	1	Unsexed Adult
Winter 2024/2025	02/02/25	3	4	R.	Robin	*Erithacus rubecula*	Green	No	Both	1	Unsexed Adult

Season	Date	Transect	Round	BTO	Species Name	Scientific Name	BoCCI	Annex I	Band	Quantity	Notes
Winter 2024/2025	02/02/25	3	4	ST	Song Thrush	*Turdus philomelos*	Green	No	Heard	1	Adult Male
Winter 2024/2025	18/02/2025	3	1	B.	Blackbird	*Turdus merula*	Green	No	Both	1	Adult Male
Winter 2024/2025	18/02/2025	3	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Seen	1	Unsexed Adult
Winter 2024/2025	18/02/2025	3	1	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Both	2	Male and Female
Winter 2024/2025	18/02/2025	3	1	MA	Mallard	*Anas platyrhynchos*	Amber	No	Seen	2	Male and Female
Winter 2024/2025	18/02/2025	3	1	R.	Robin	*Erithacus rubecula*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	18/02/2025	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	Both	1	Unsexed Adult
Winter 2024/2025	18/02/2025	3	1	SN	Snipe	*Gallinago gallinago*	Red	No	Both	1	Unsexed Adult
Winter 2024/2025	18/02/2025	3	1	HC	Hooded Crow	*Corvus cornix*	Green	No	Both	1	Unsexed Adult
Winter 2024/2025	18/02/2025	3	1	ST	Song Thrush	*Turdus philomelos*	Green	No	Heard	1	Adult Male

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APPENDIX 11

Breeding Wader Maps

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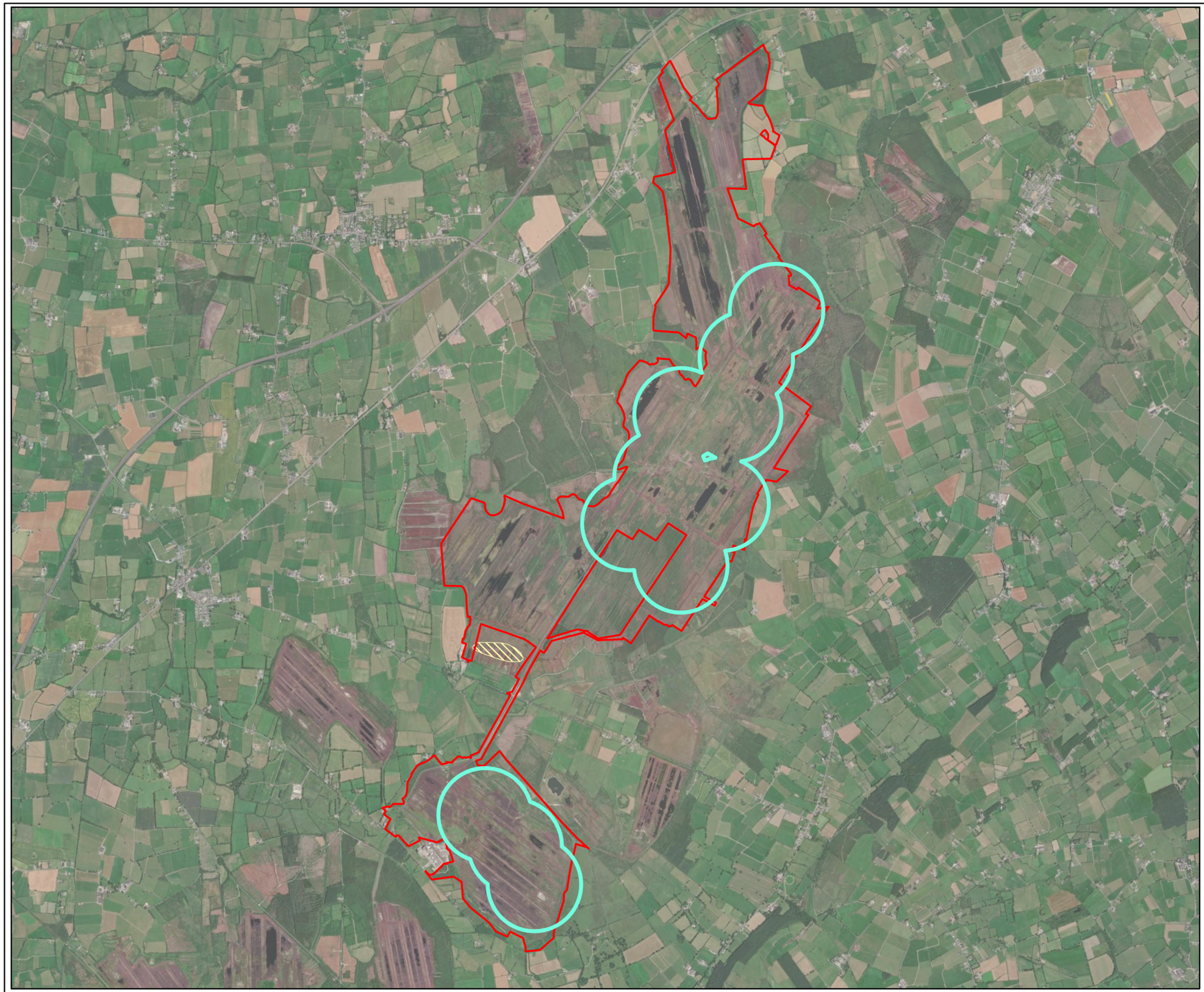

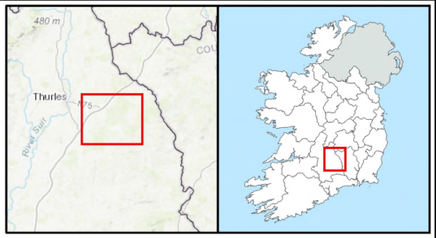

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

TITLE:	Barn Owl - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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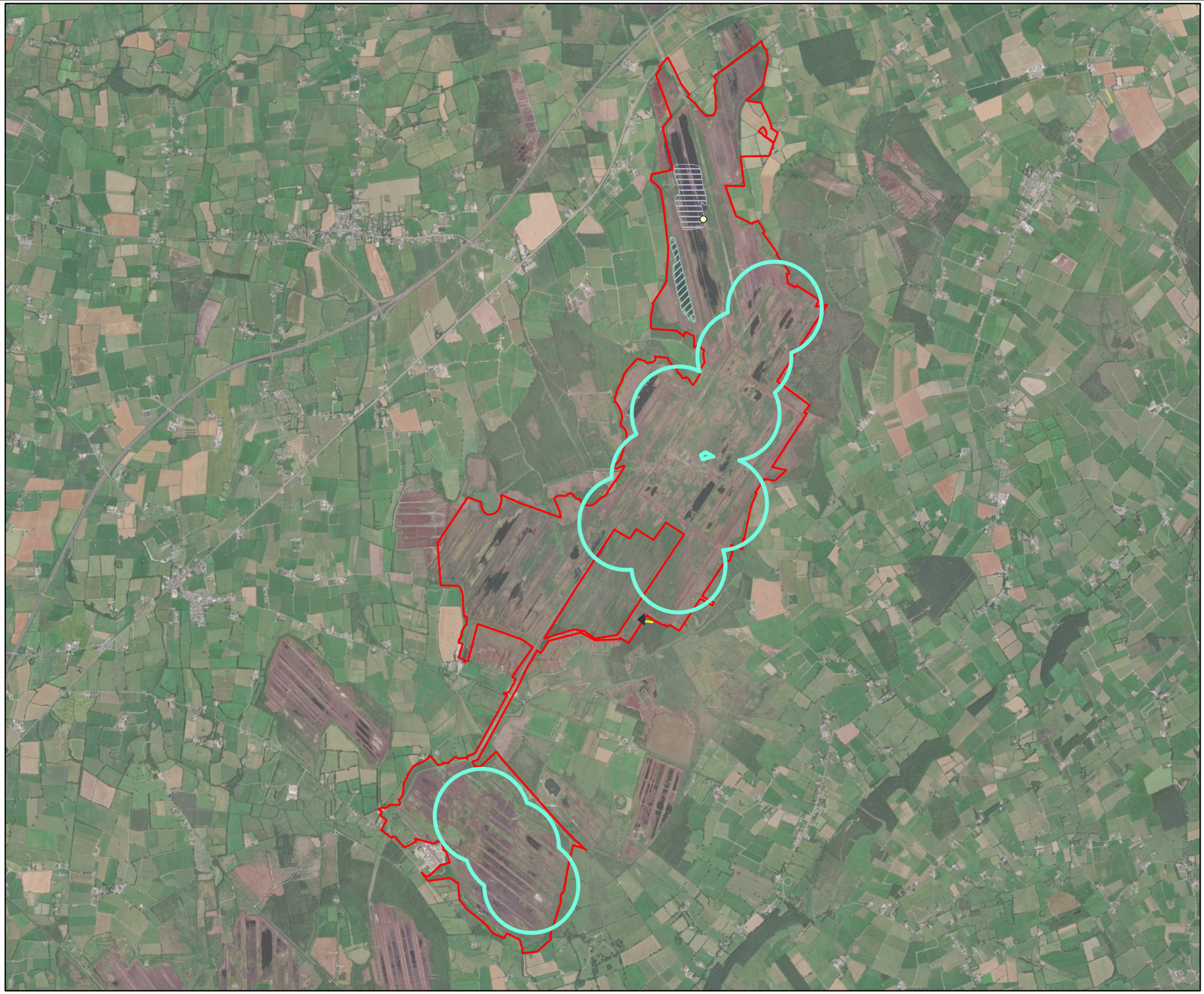

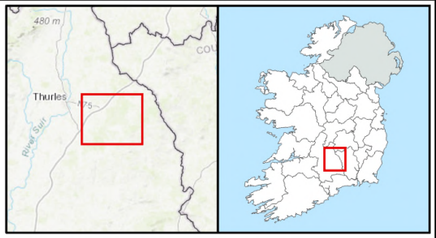

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023
- Summer 2022
- Summer 2022

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TITLE: Buzzard - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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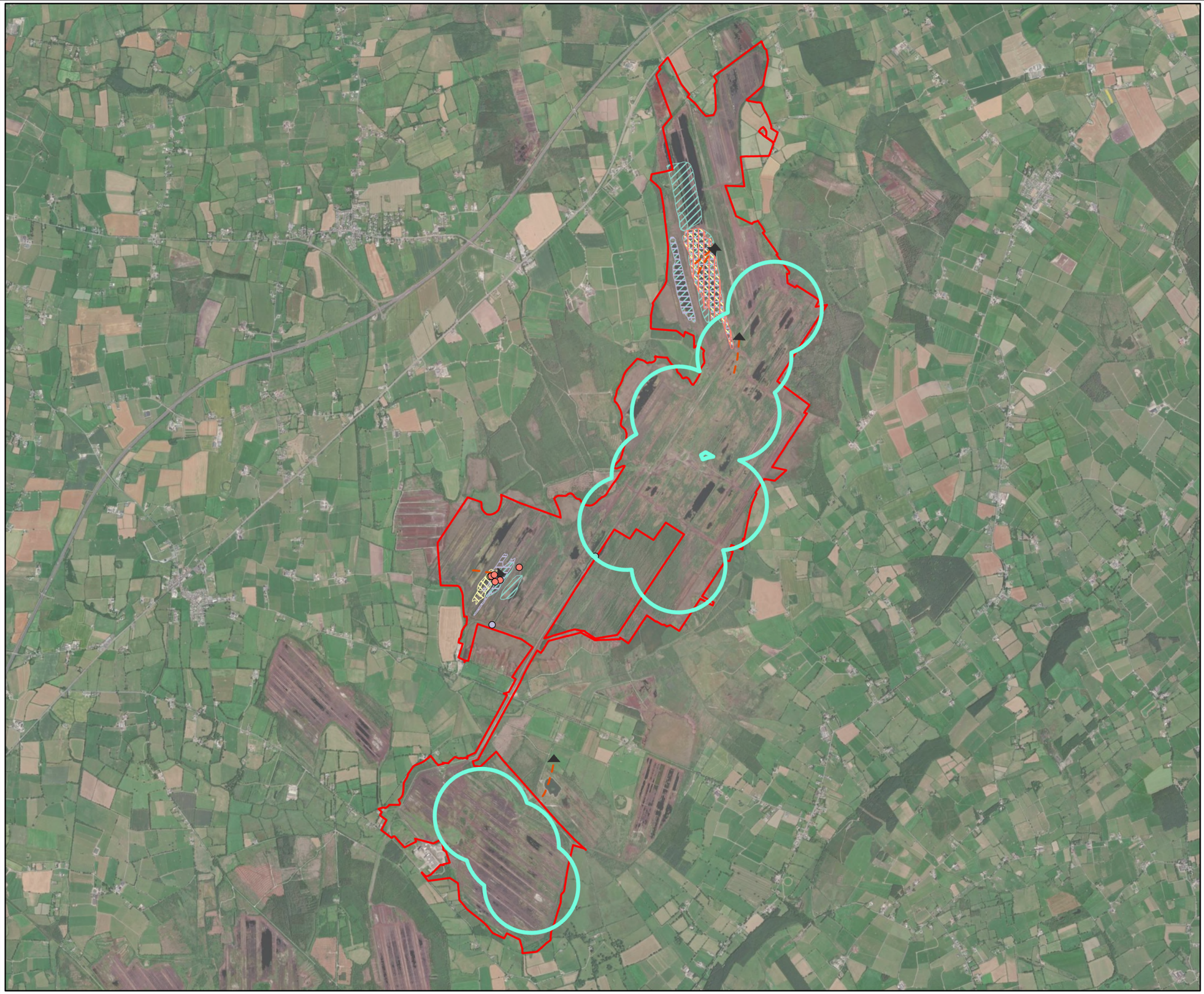

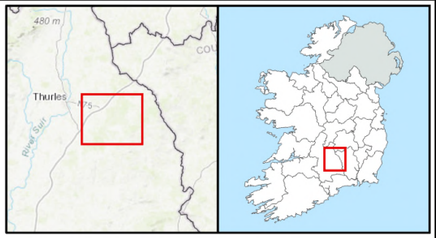

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

N W E S

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TITLE: Black-Headed Gull - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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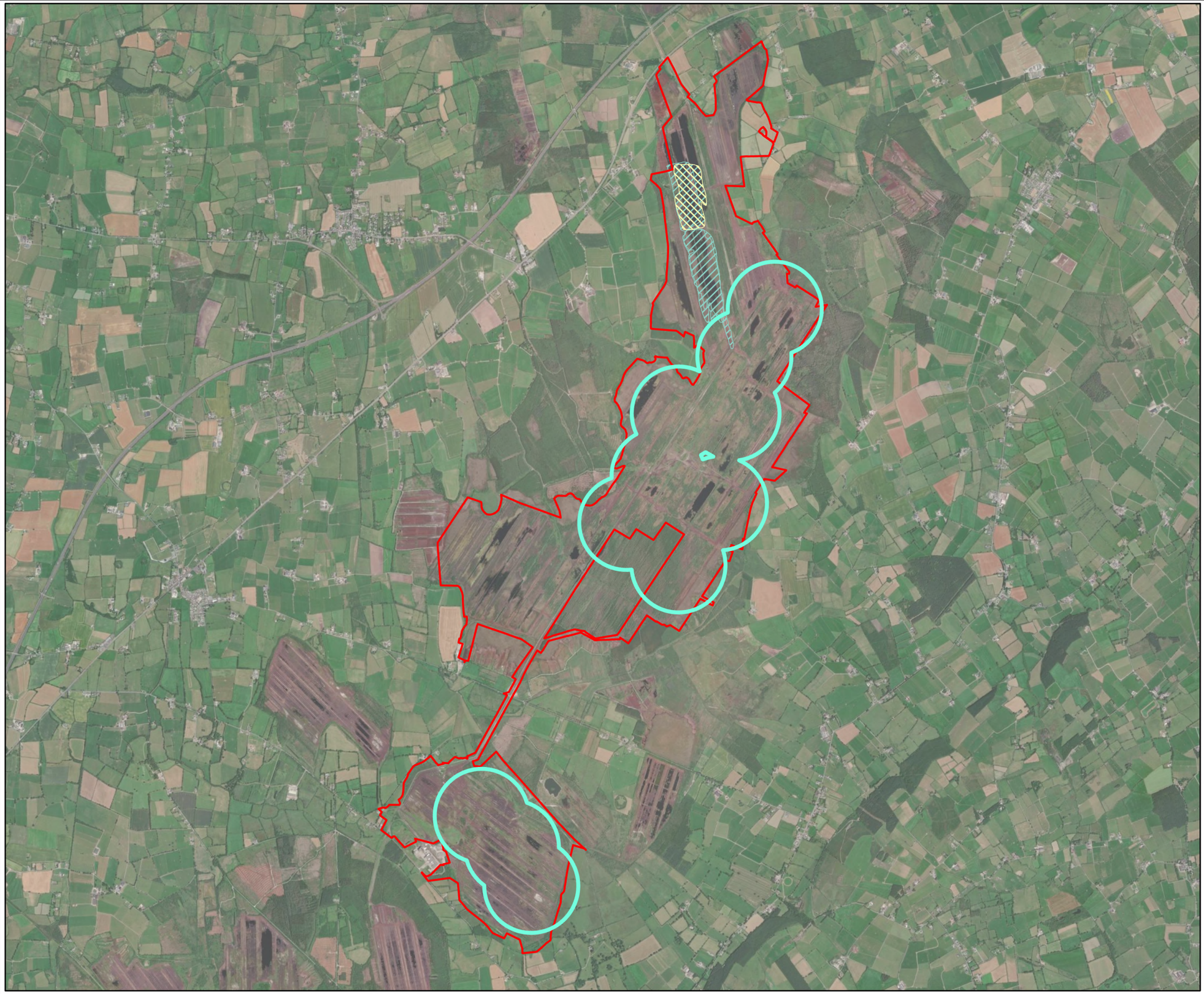

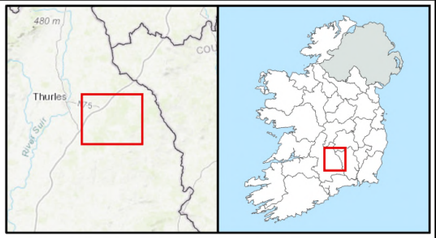

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022

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TITLE:	Coot - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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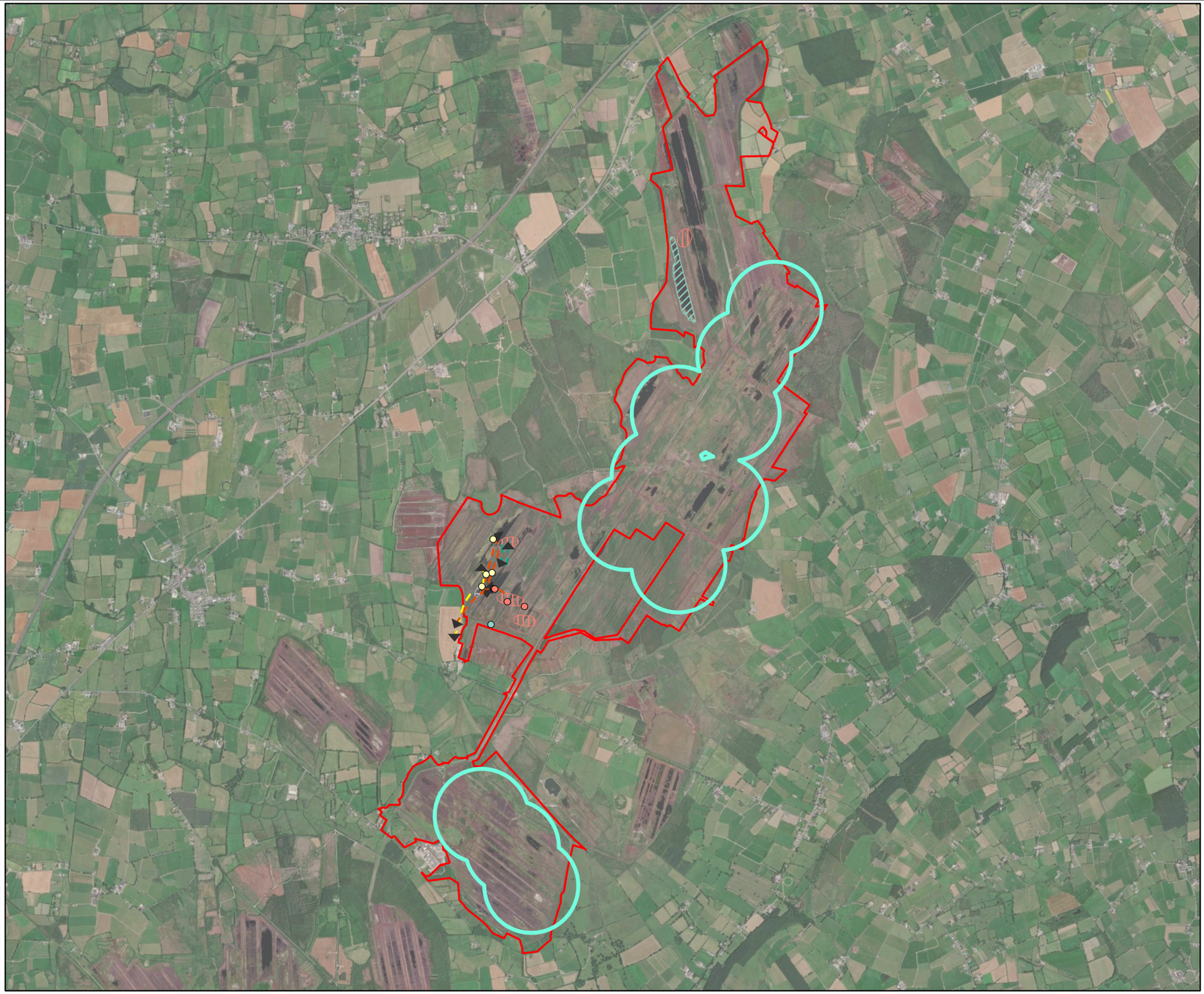

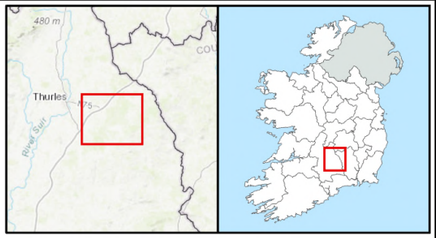

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2024

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TITLE: Curlew - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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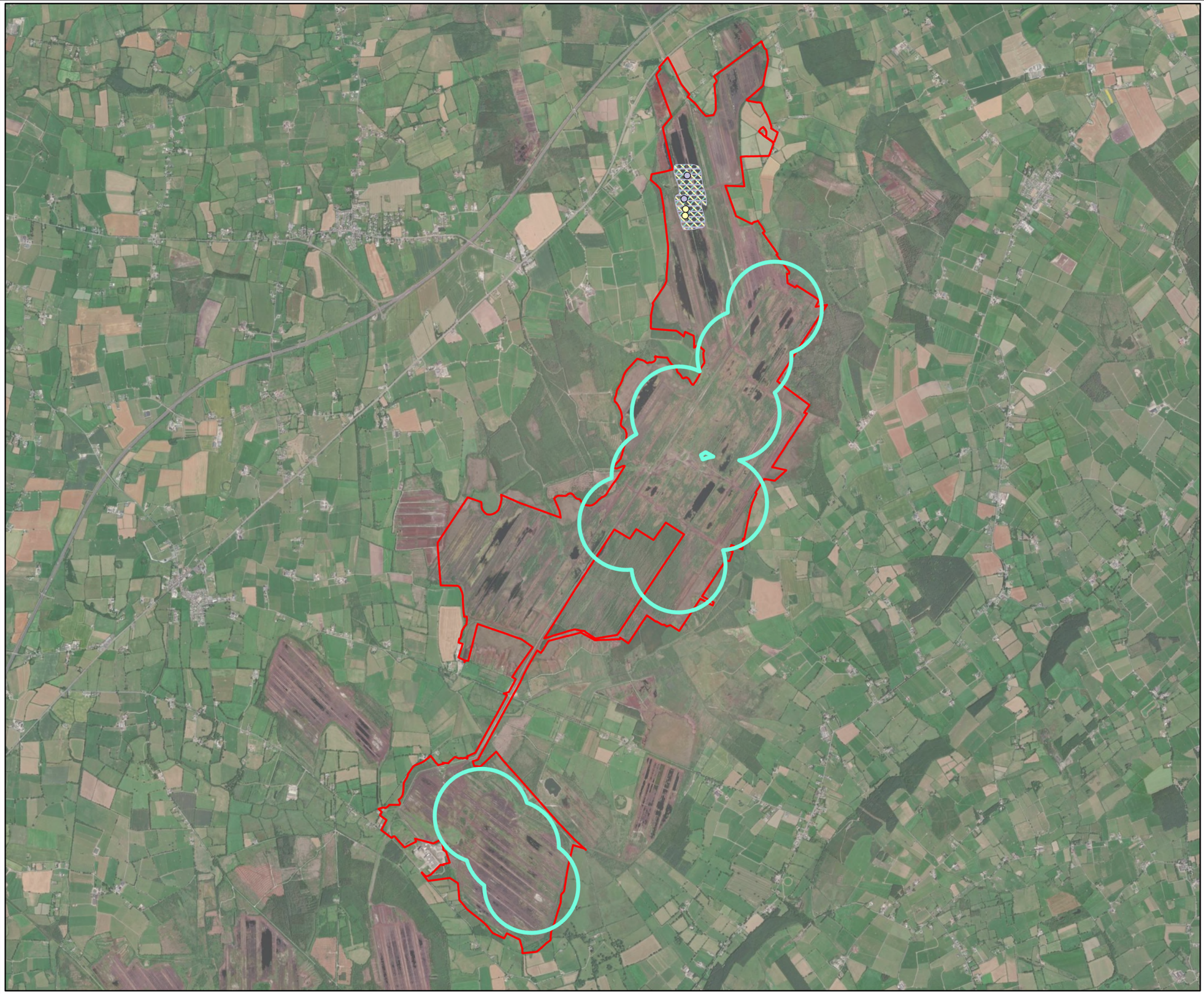

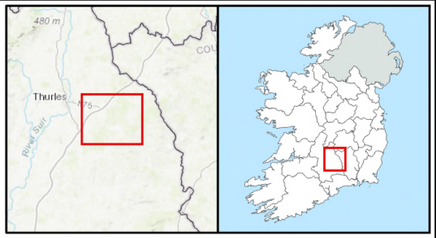

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2022
- Summer 2023

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TITLE: Great Crested Grebe - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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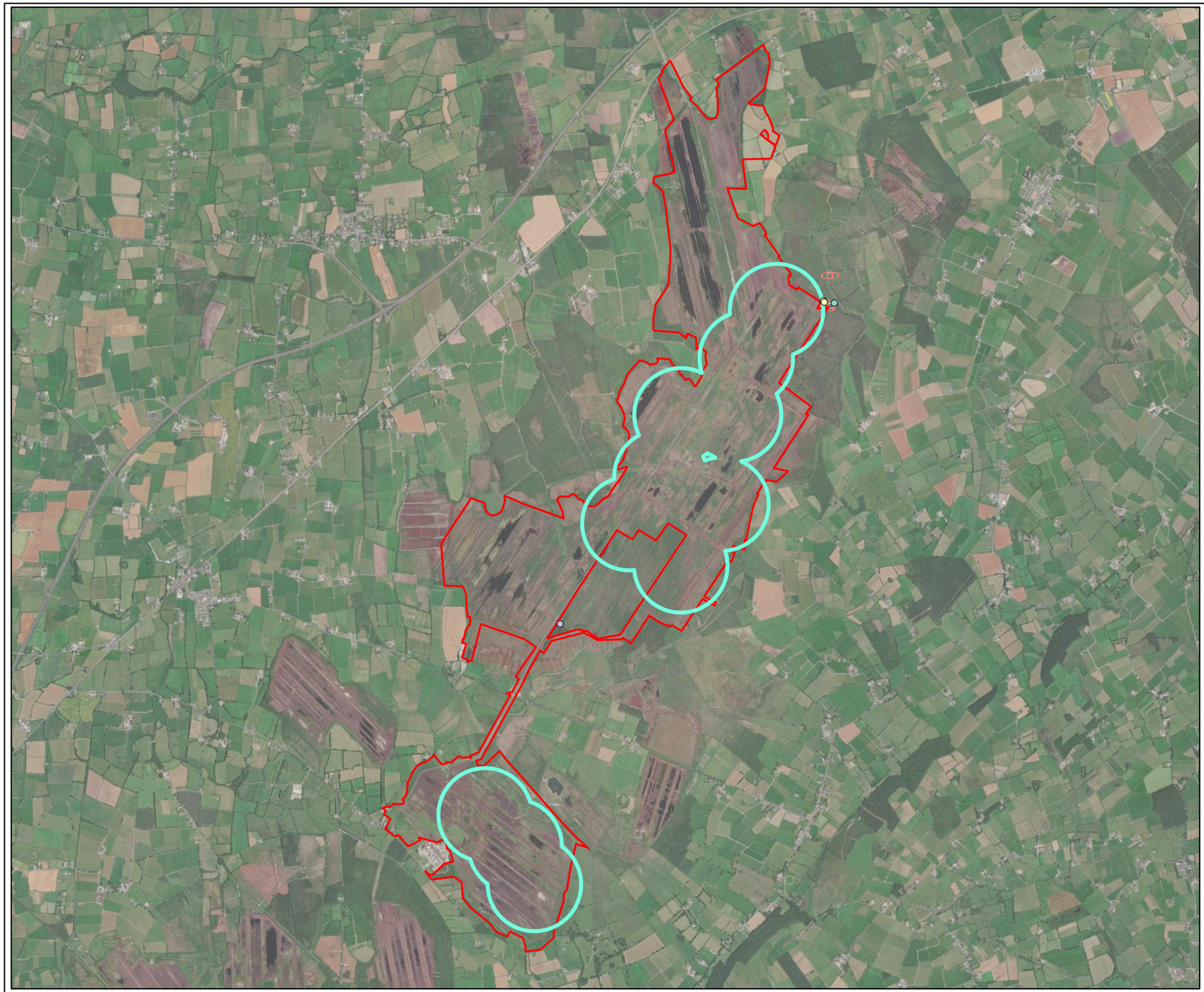

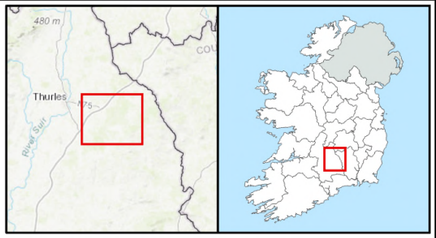

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2023

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TITLE: Great Spotted Woodpecker - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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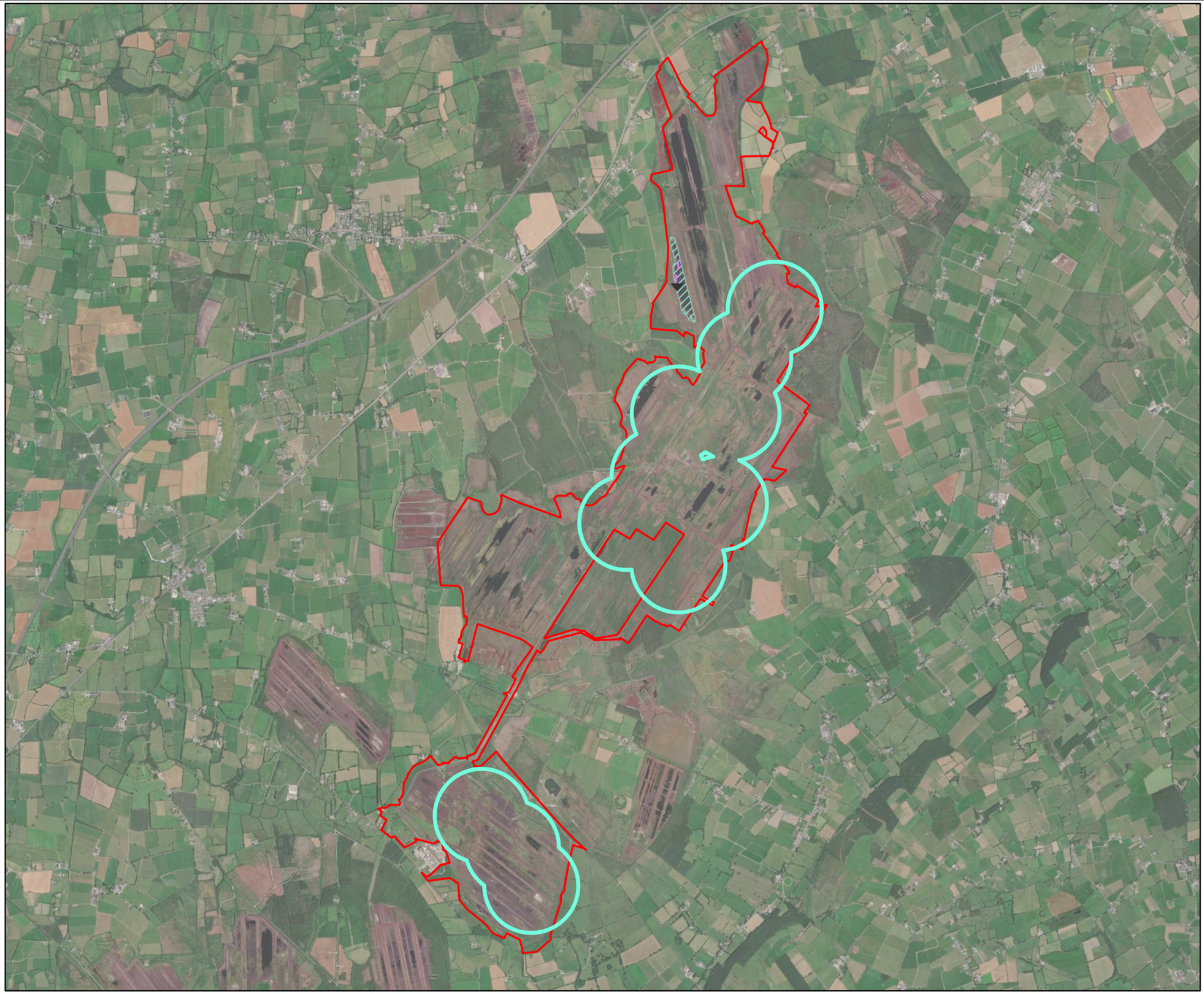

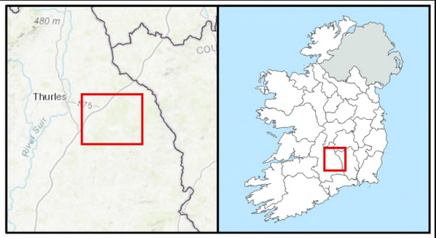

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023

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TITLE: Grean Sandpiper - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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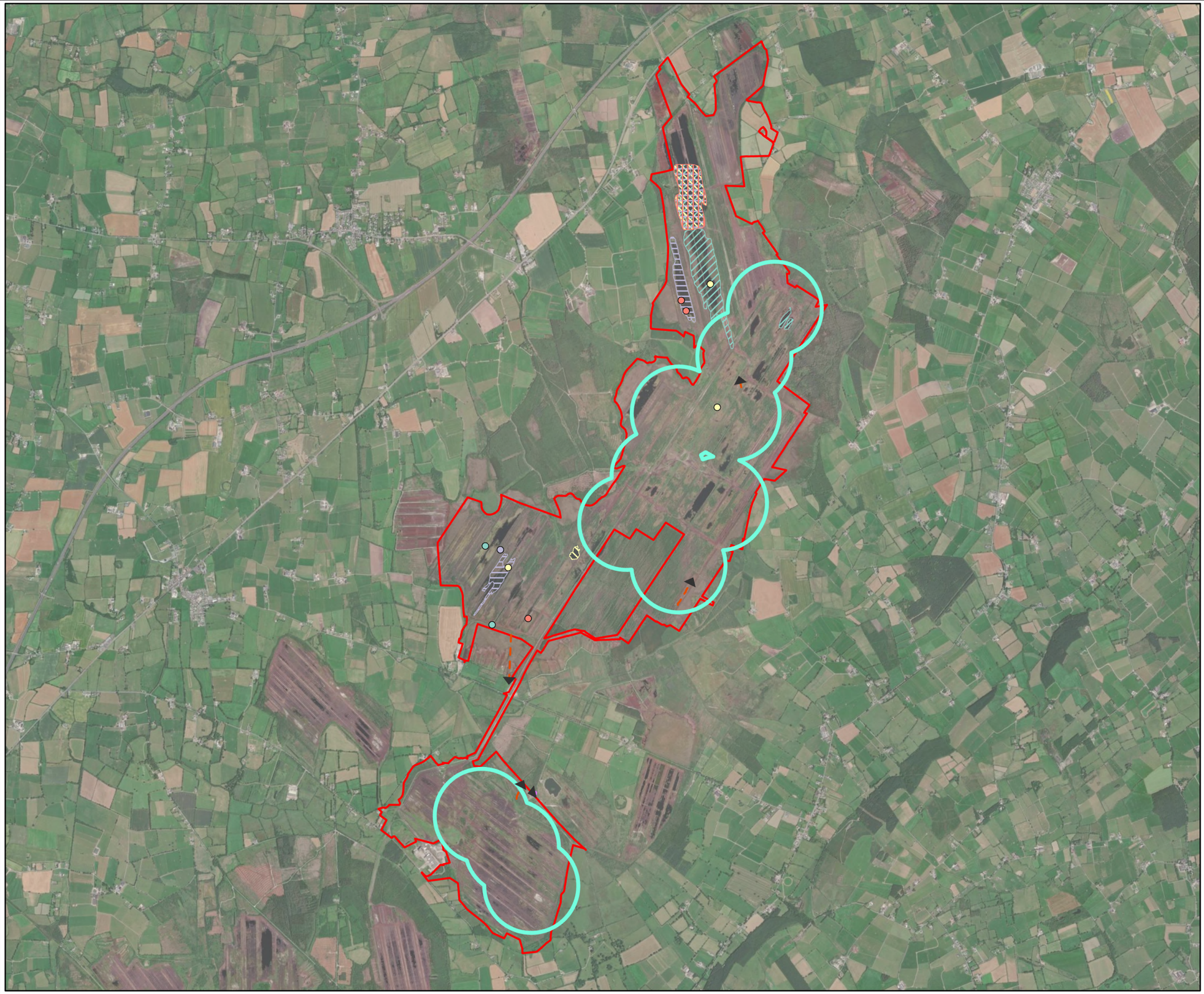

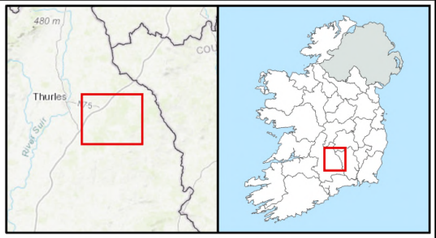

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2023
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

N W E S

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TITLE: Grey Heron - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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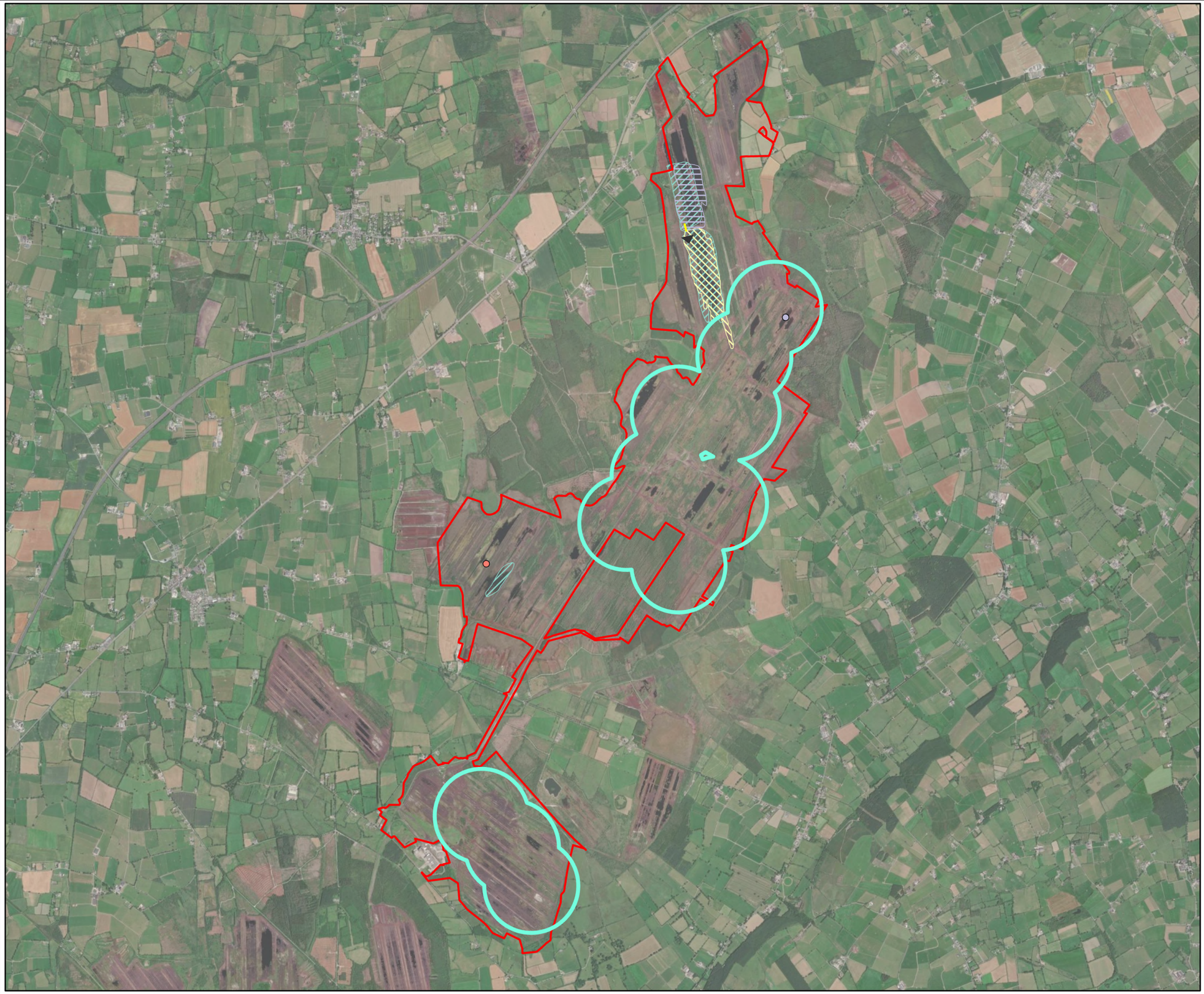

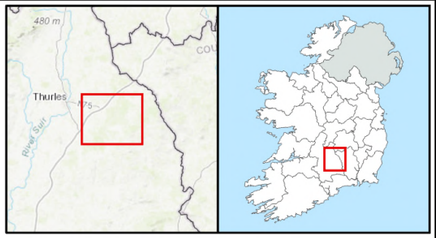

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2022
- Summer 2023
- Summer 2024

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TITLE: Greylag Goose - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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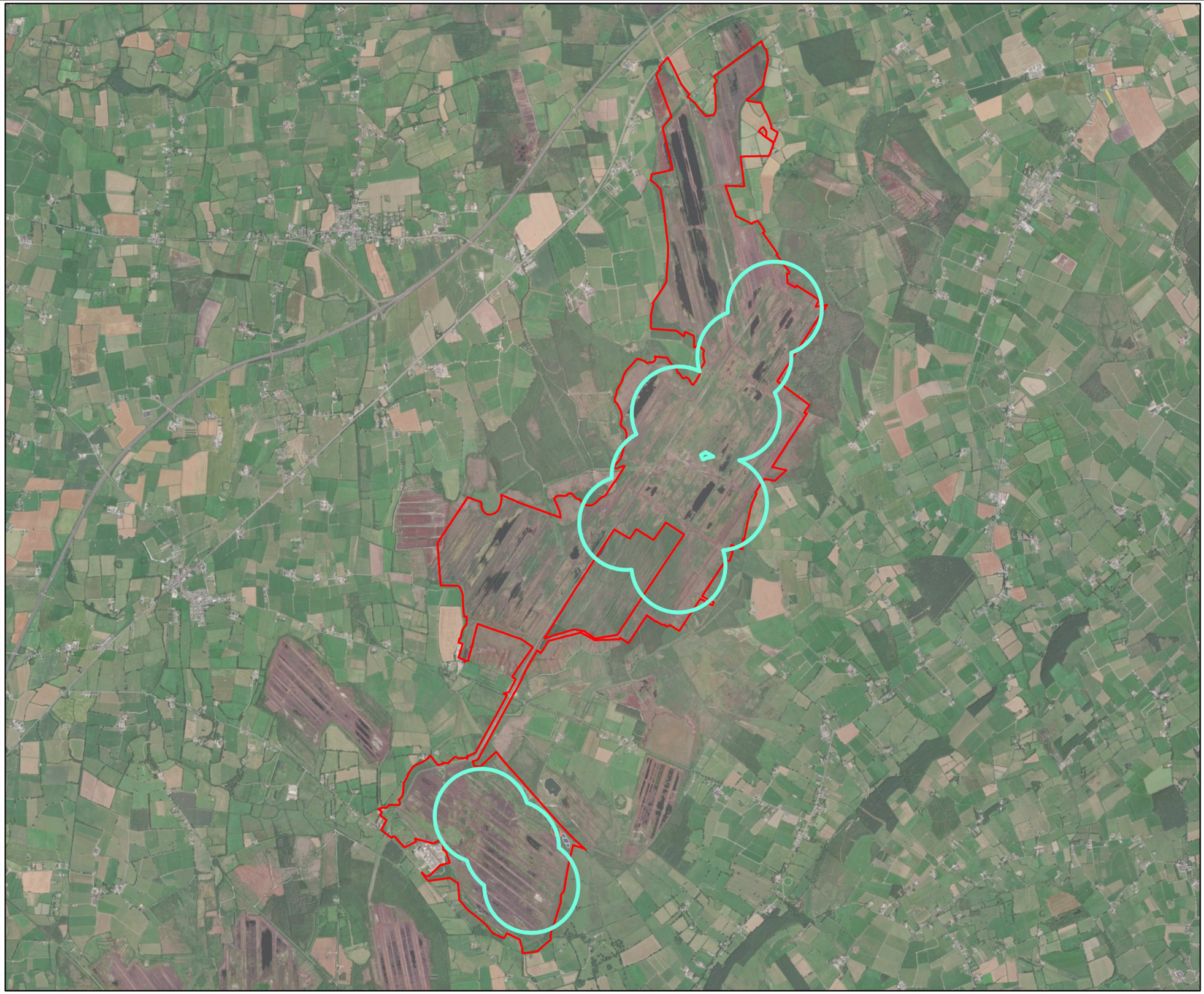

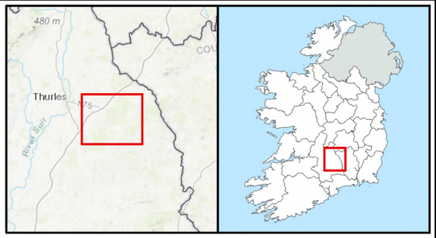

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Summer 2024

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TITLE: Hooded Crow - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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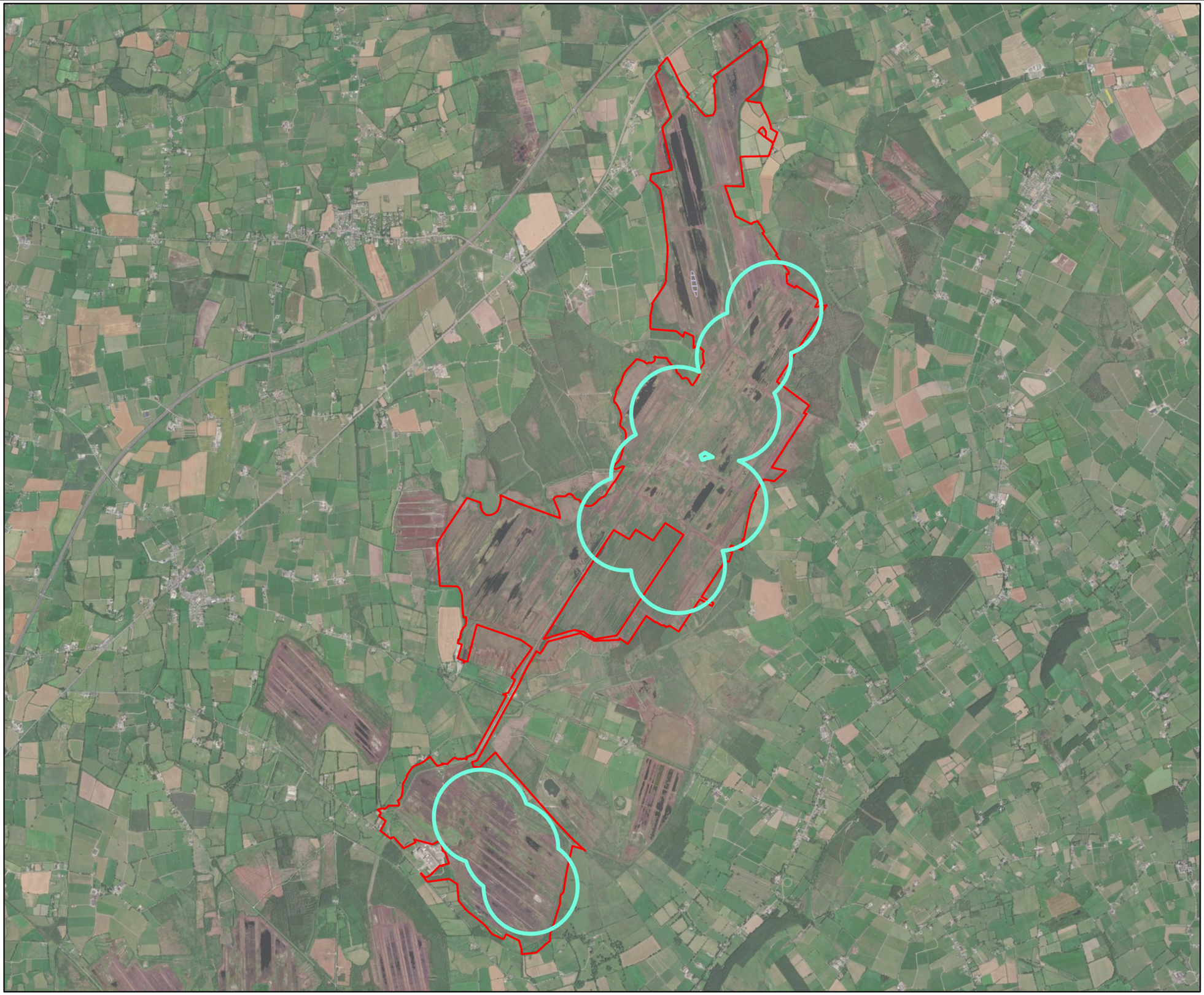

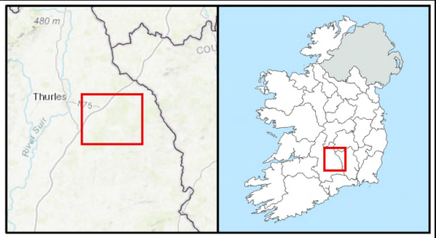

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023

TITLE:	Jack Snipe - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
DATE:	16/03/2026	**PAGE SIZE:**	A3

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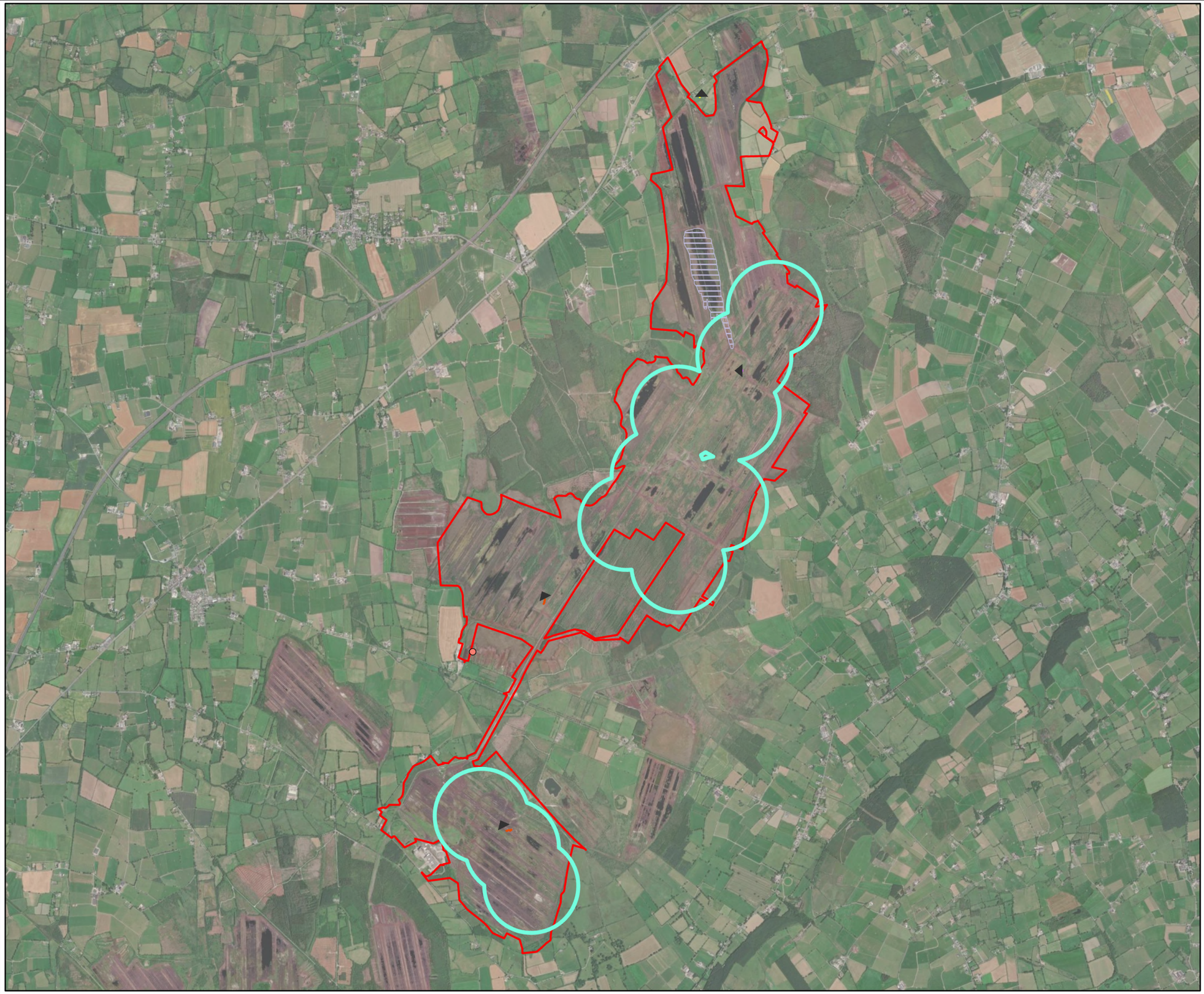

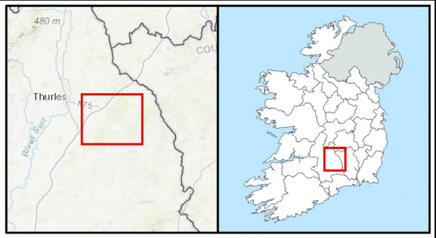

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2024

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TITLE:	Kestrel - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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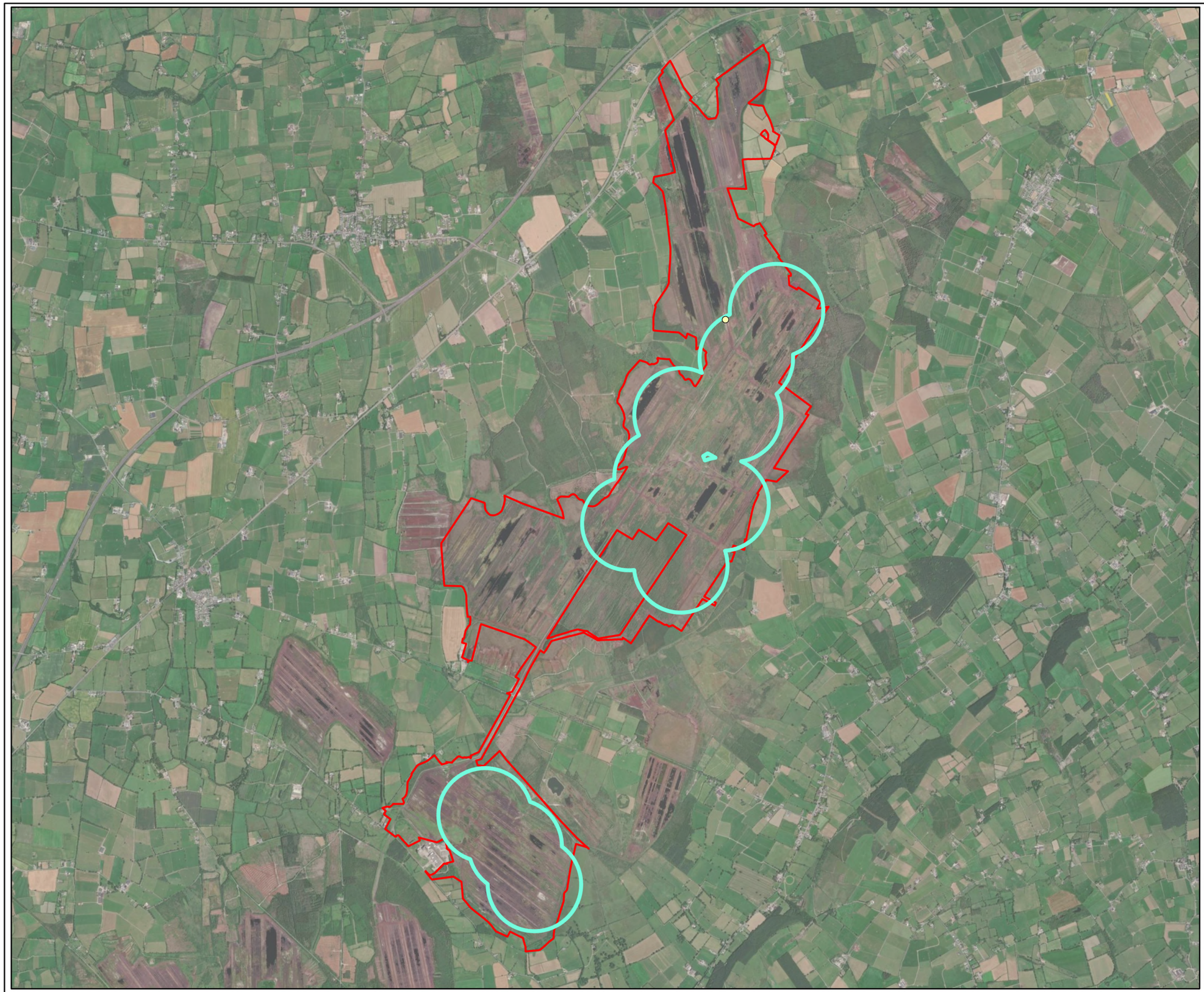

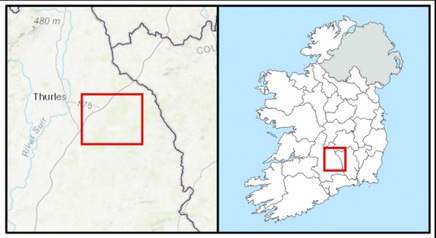

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

TITLE:	Kingfisher - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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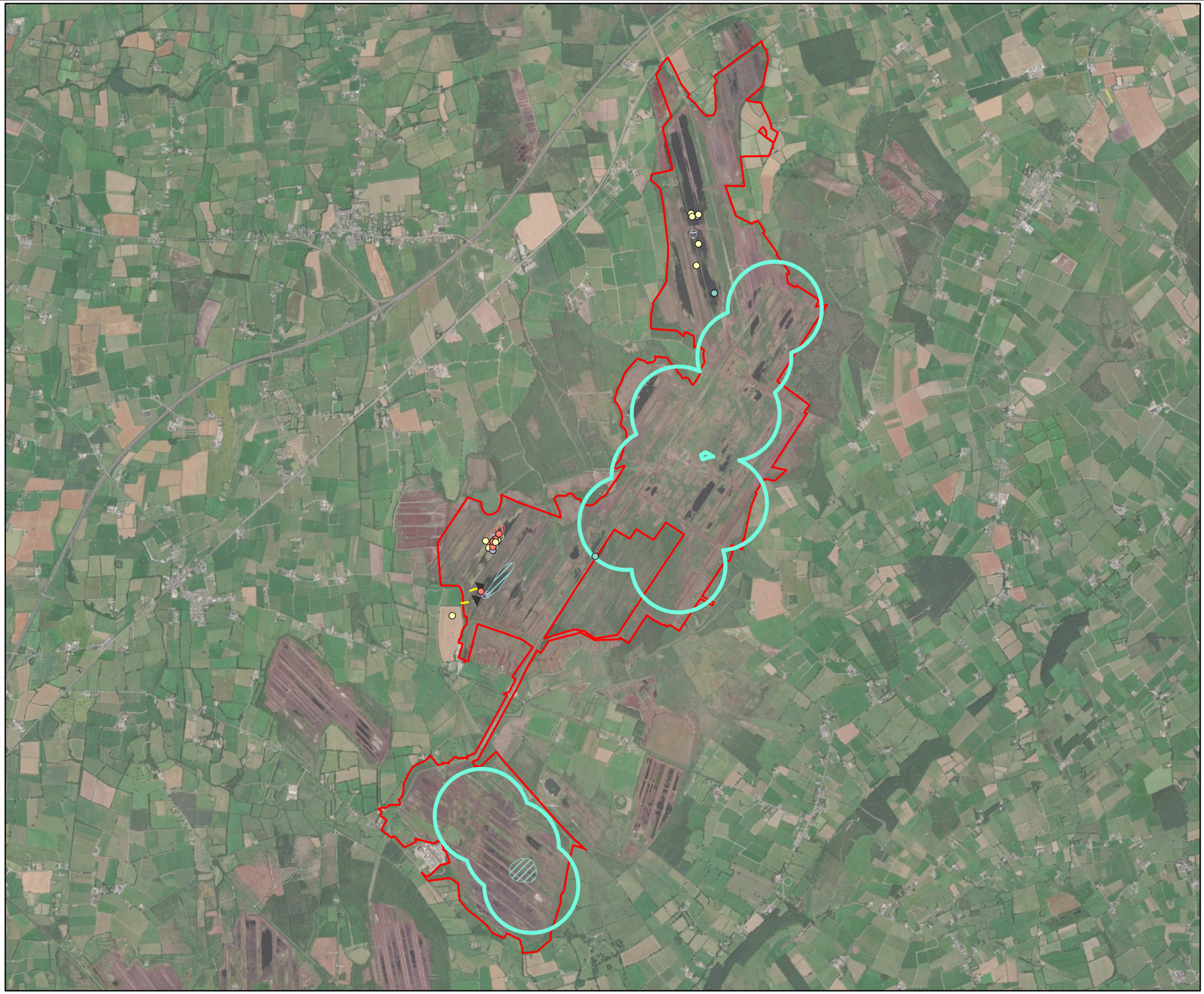

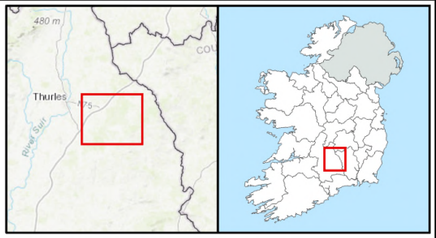

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2022
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

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TITLE: Lapwing - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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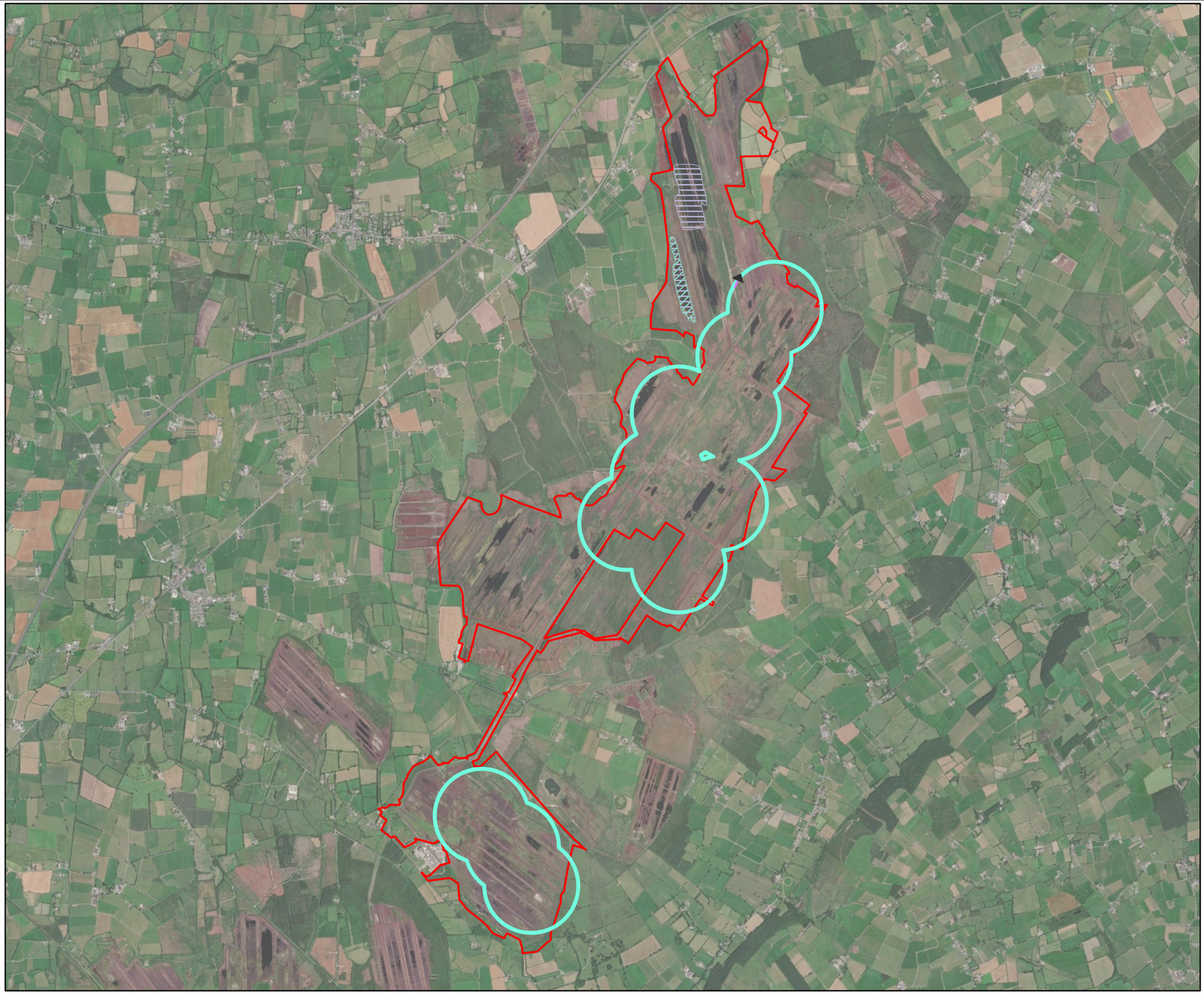

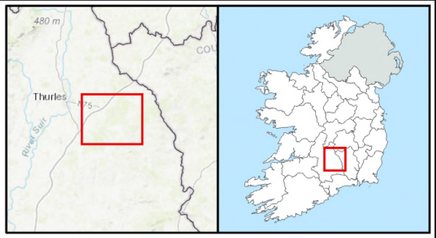

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023
- Summer 2023

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TITLE: Lesser Black-Backed Gull - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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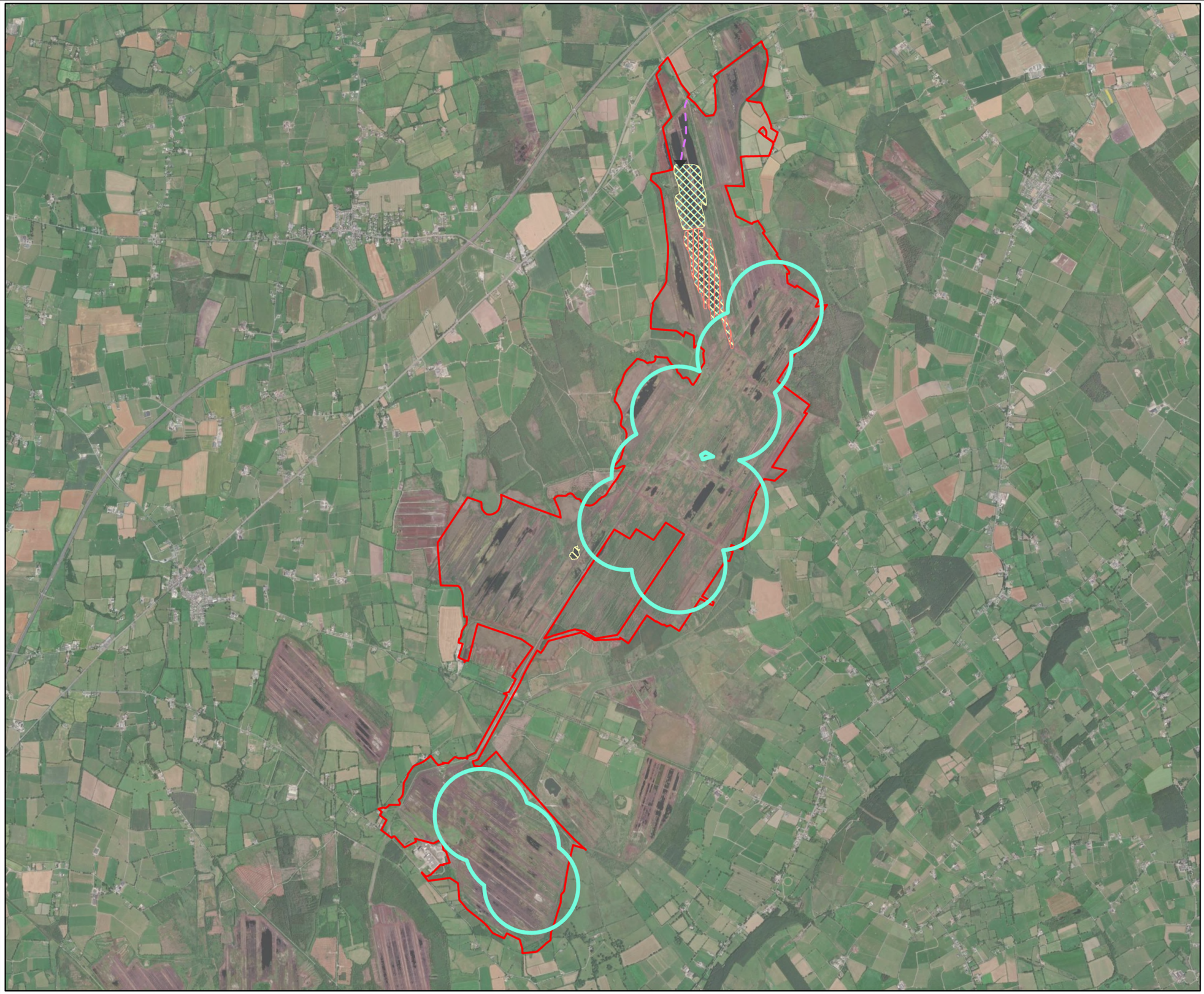

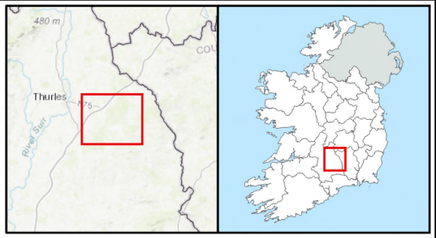

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2024
- Summer 2023

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TITLE: Little Egret - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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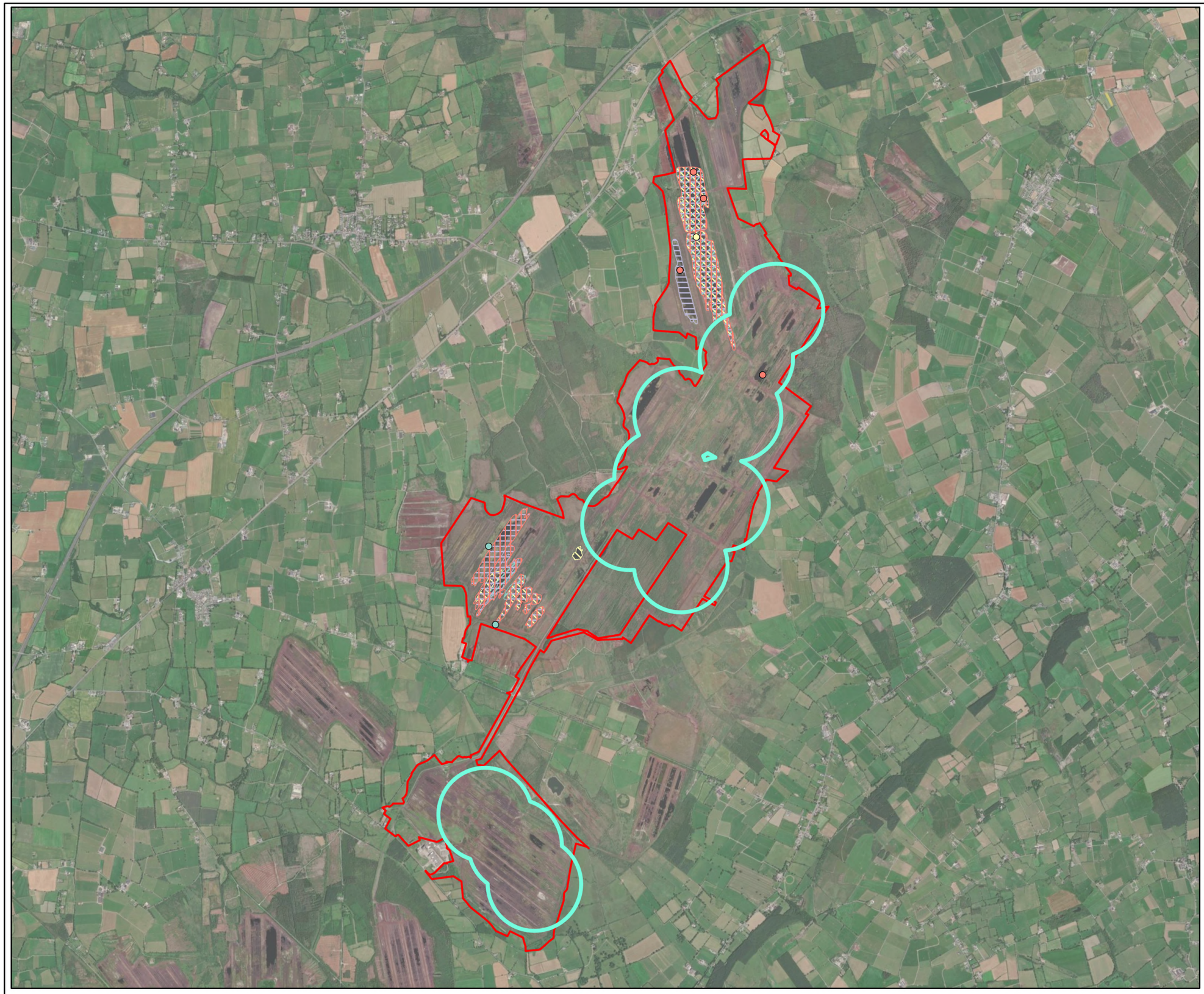

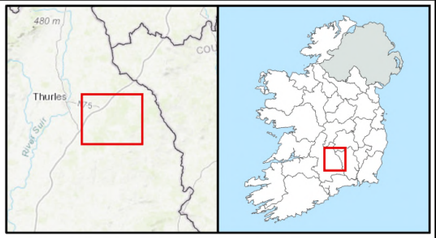

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2024

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TITLE: Little Grebe - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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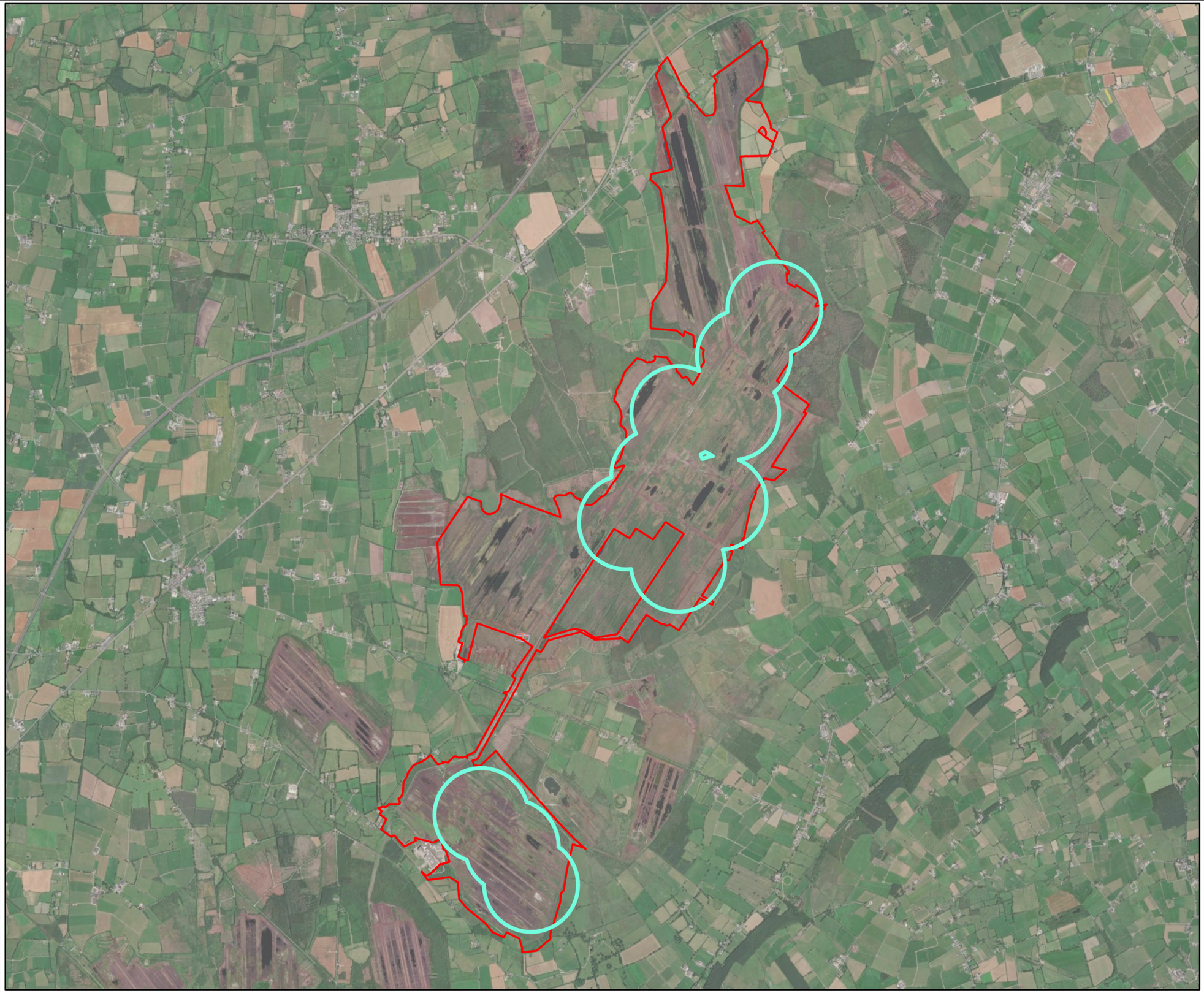

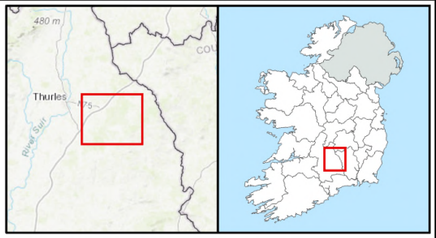

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Summer 2024

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TITLE: Long-Eared Owl - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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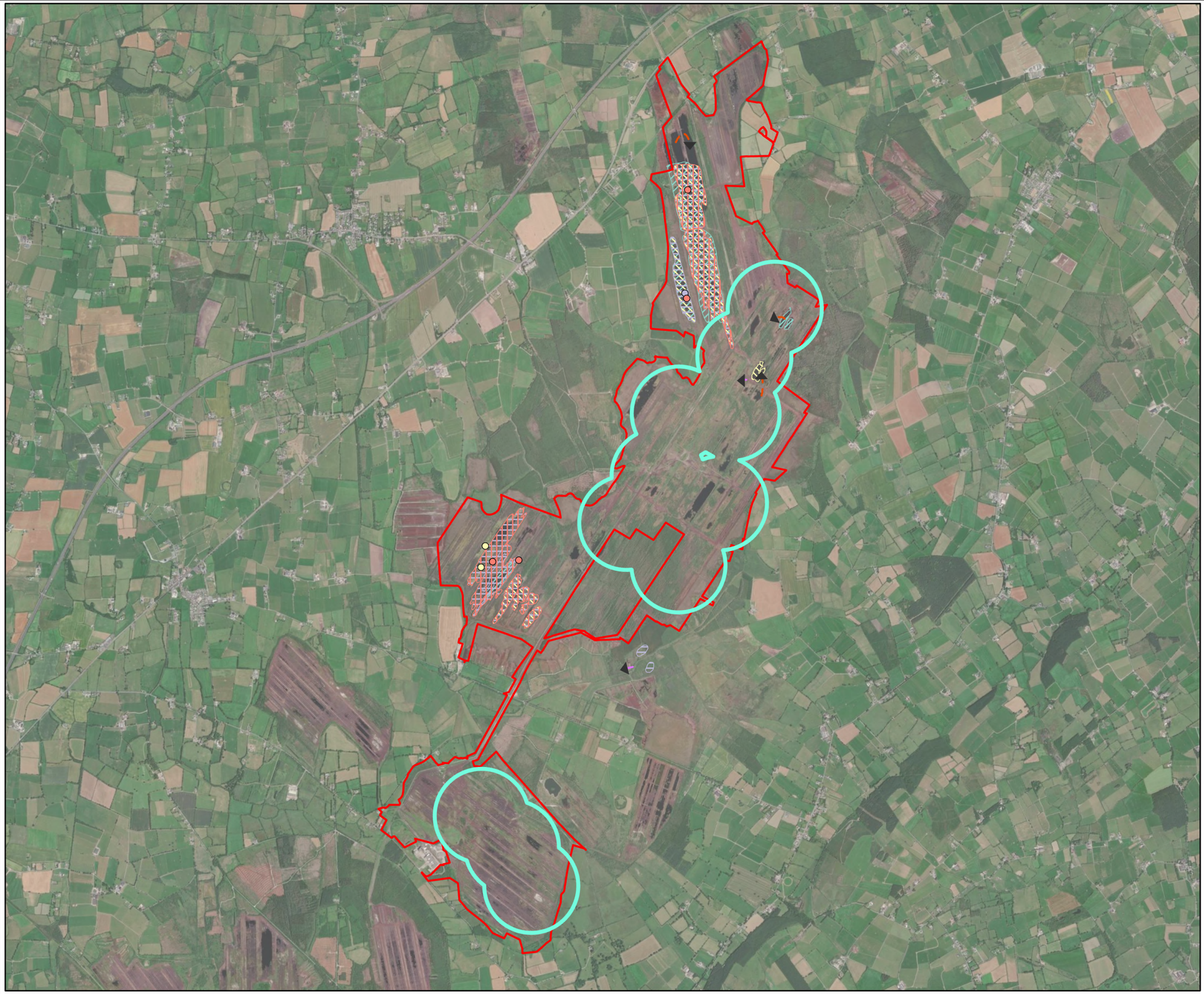

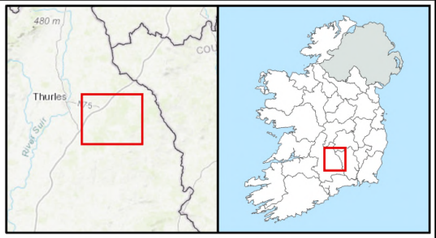

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
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- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

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TITLE: Mallard - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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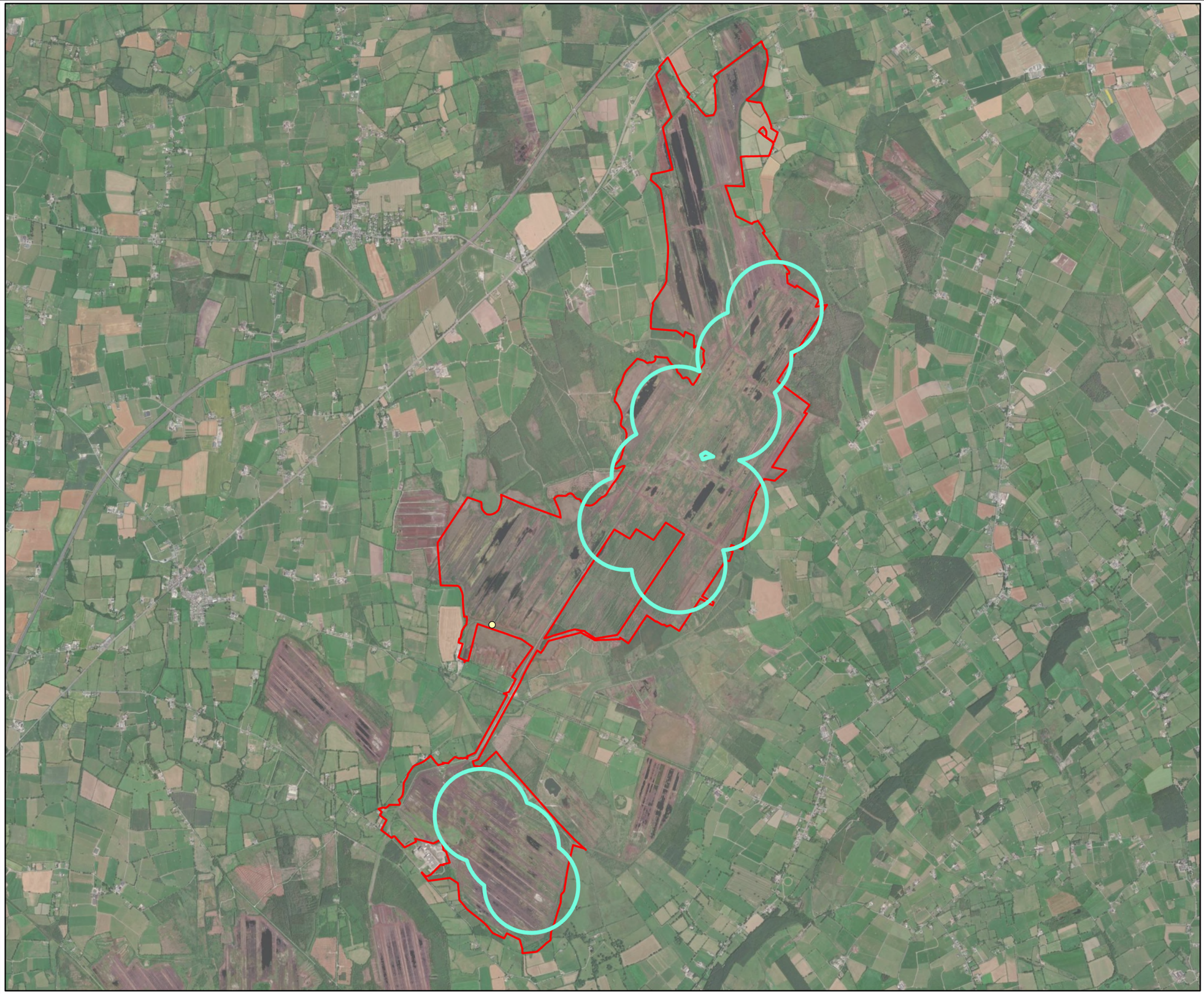

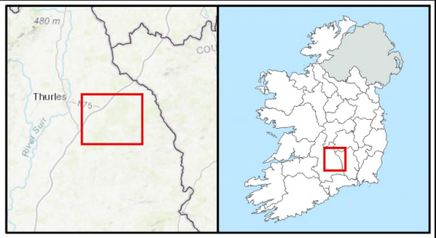

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

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TITLE: Marsh Harrier - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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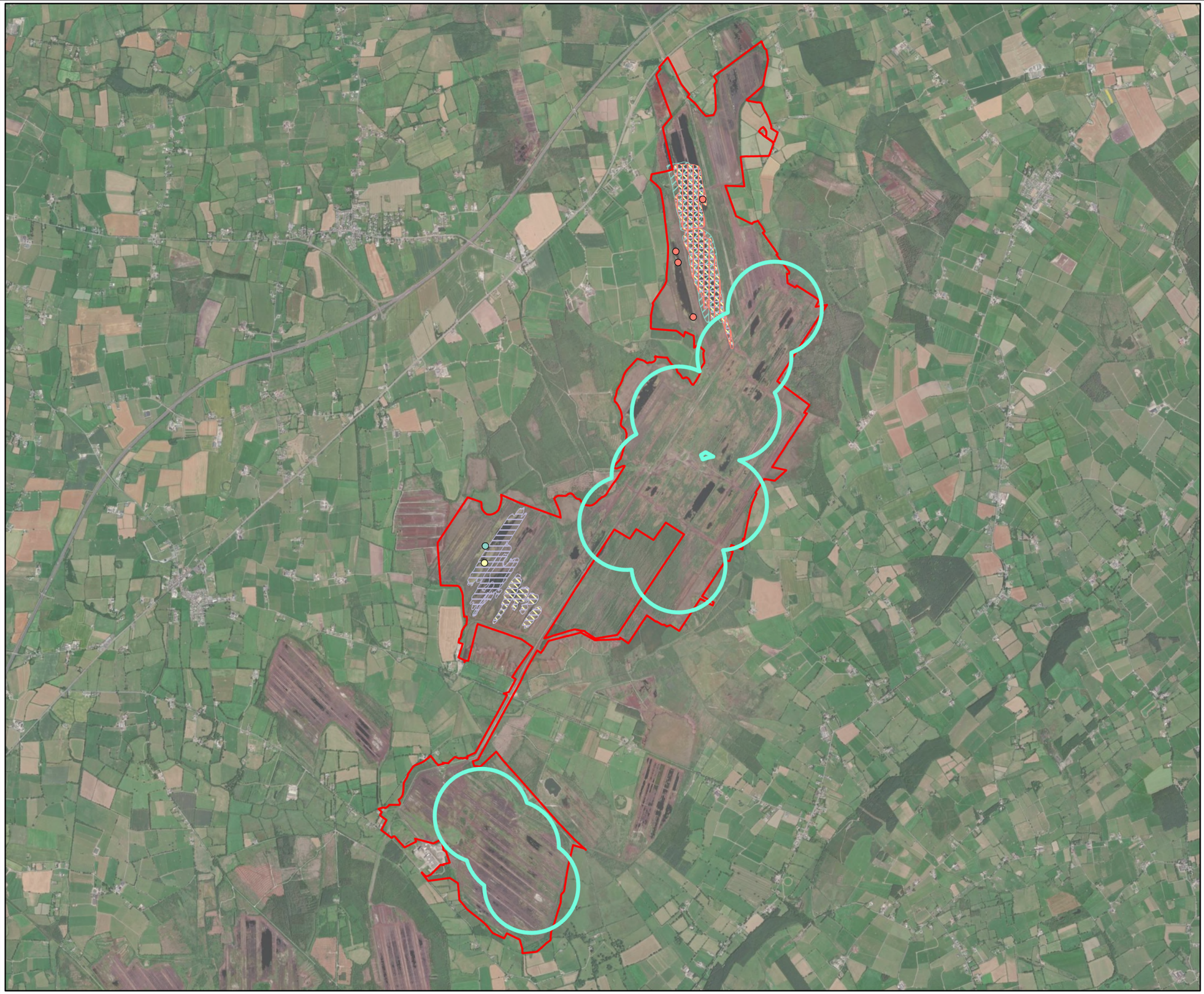

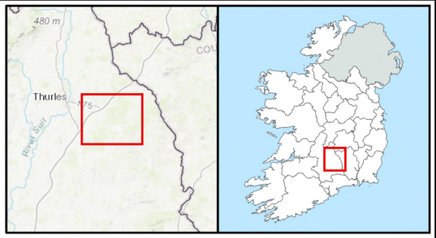

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2024

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TITLE: Moorhen - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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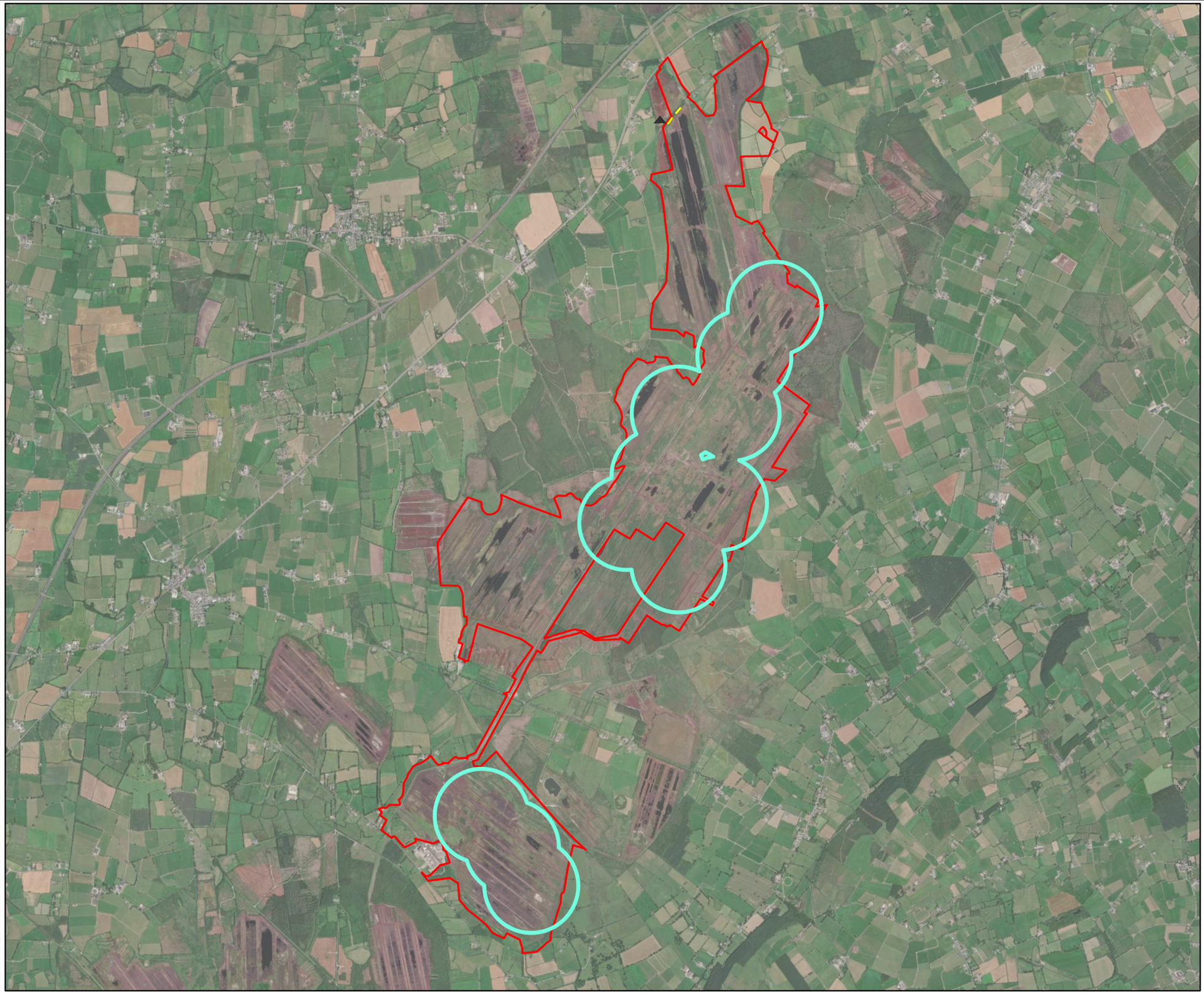

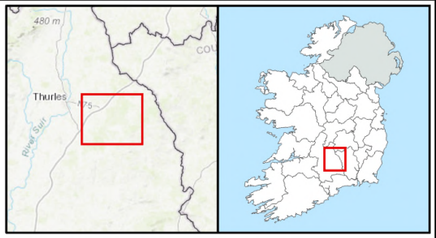

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022

TITLE:	Peregrine - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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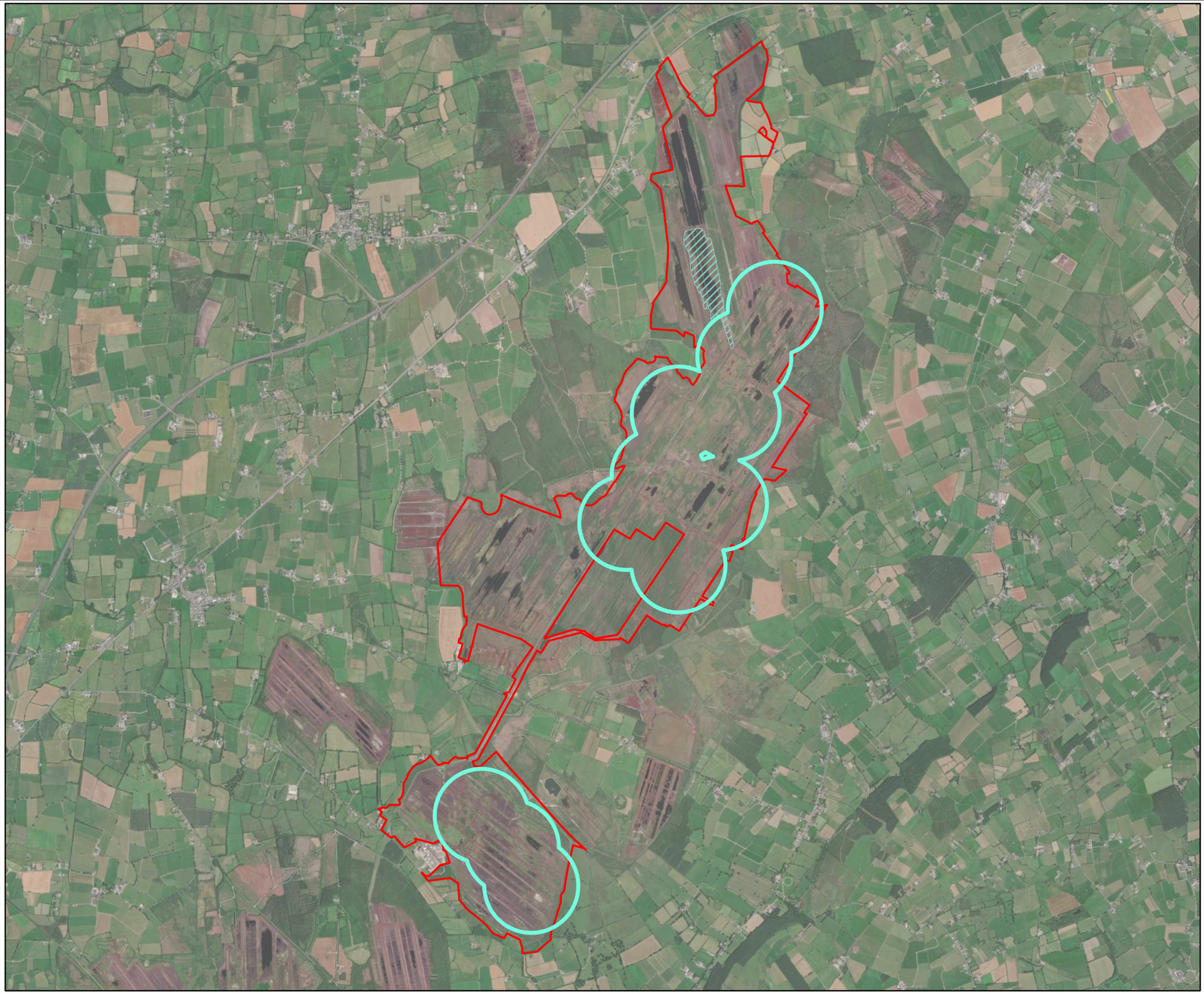

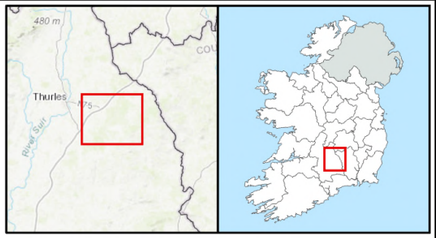

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021

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TITLE: Ringed Plover - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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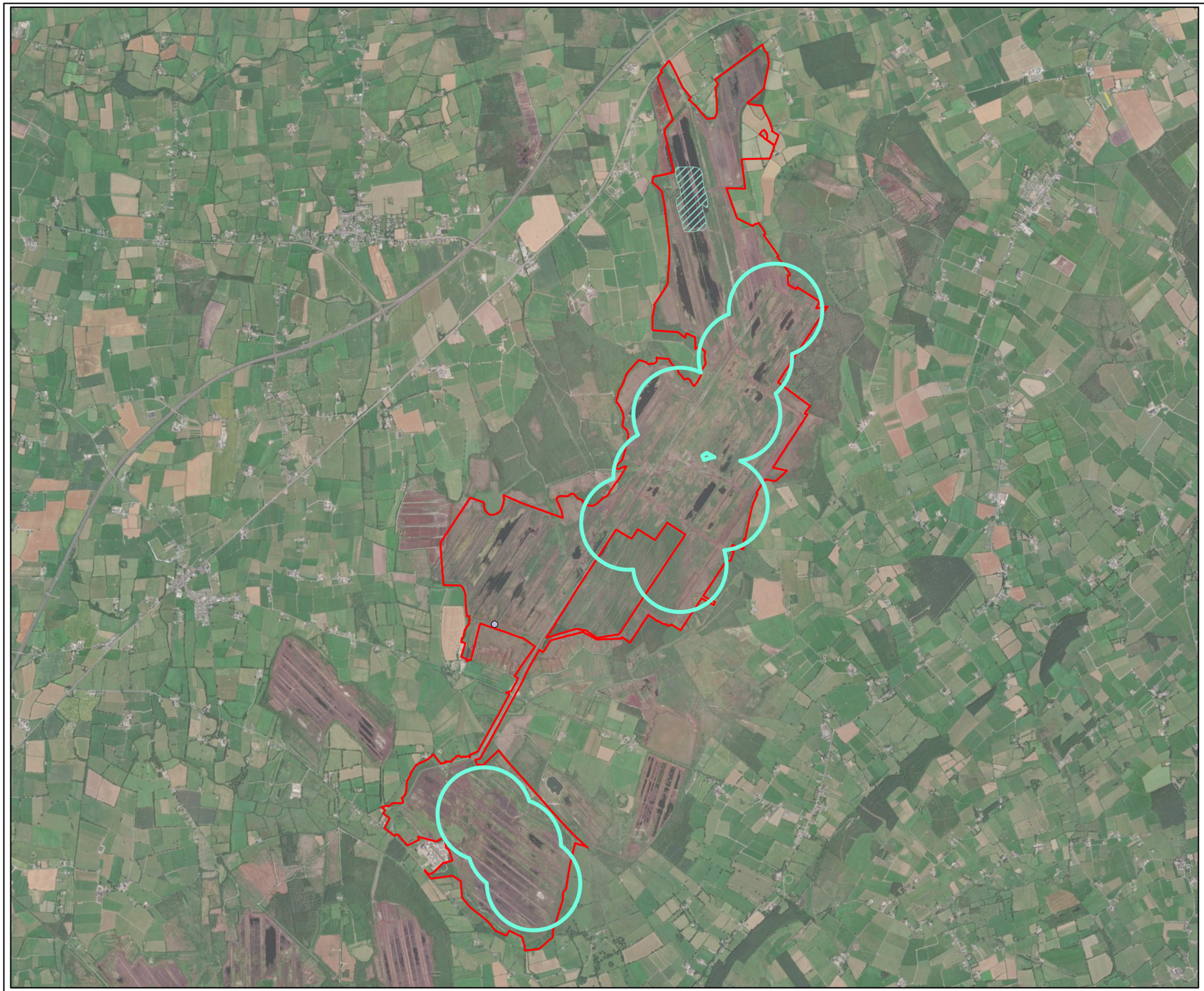

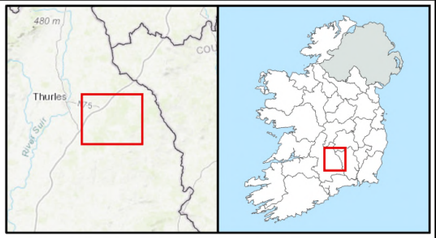

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023

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TITLE: Sand Martin - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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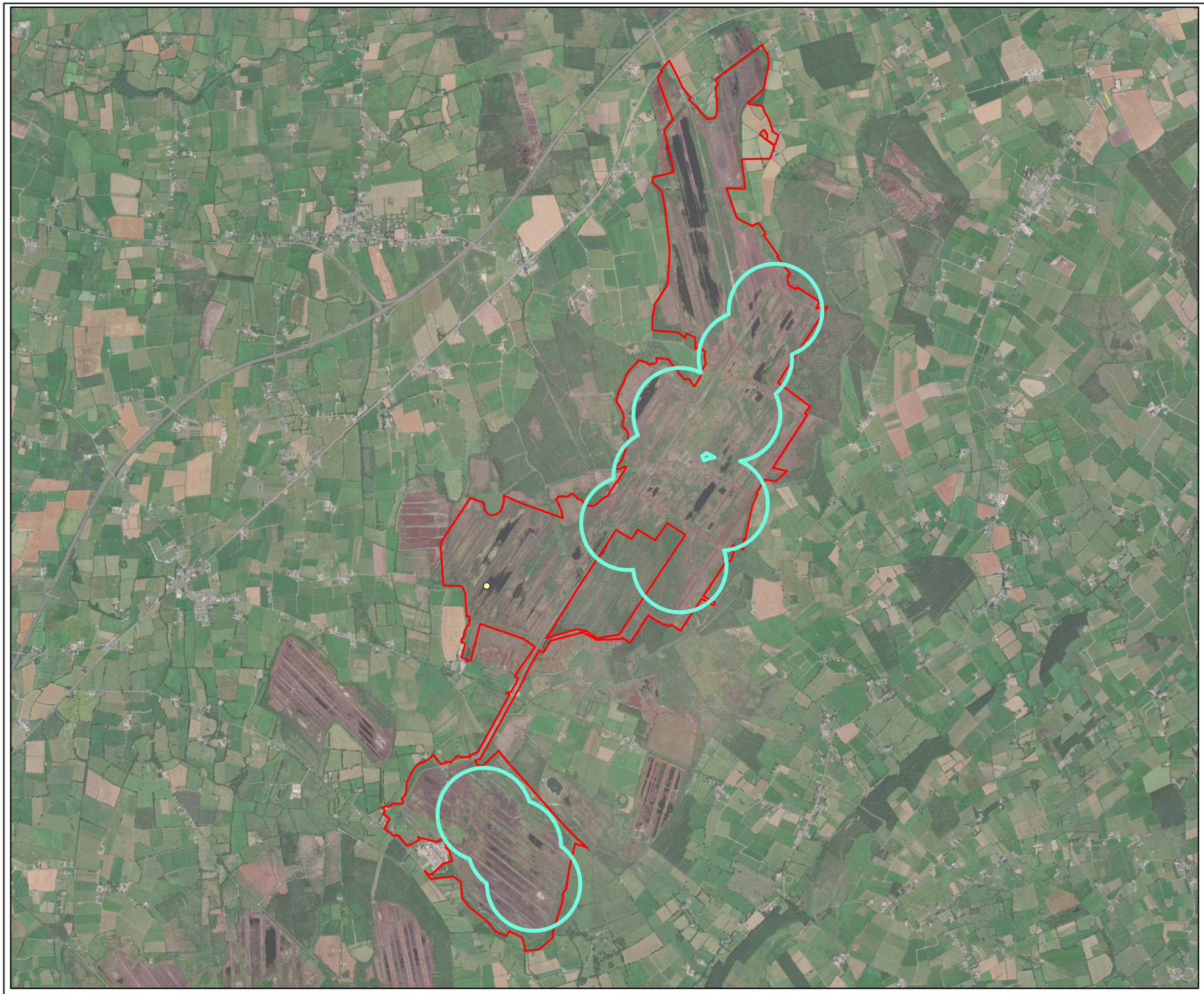

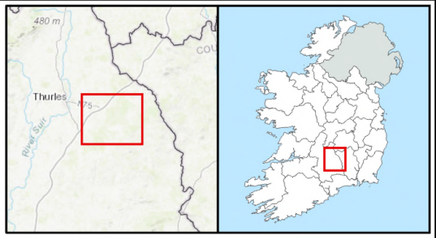

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2023
- Summer 2022

TITLE:	Shoveler - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
DATE:	12/03/2026	**PAGE SIZE:**	A3

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N W E S

0 1 2 4 Kilometers

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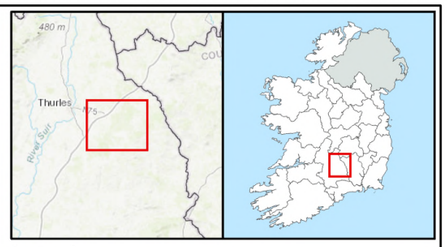
World Imagery: Earthstar Geographics



Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2022
- Summer 2023
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

N W E S

0 1 2 4 Kilometers

TITLE:	Snipe - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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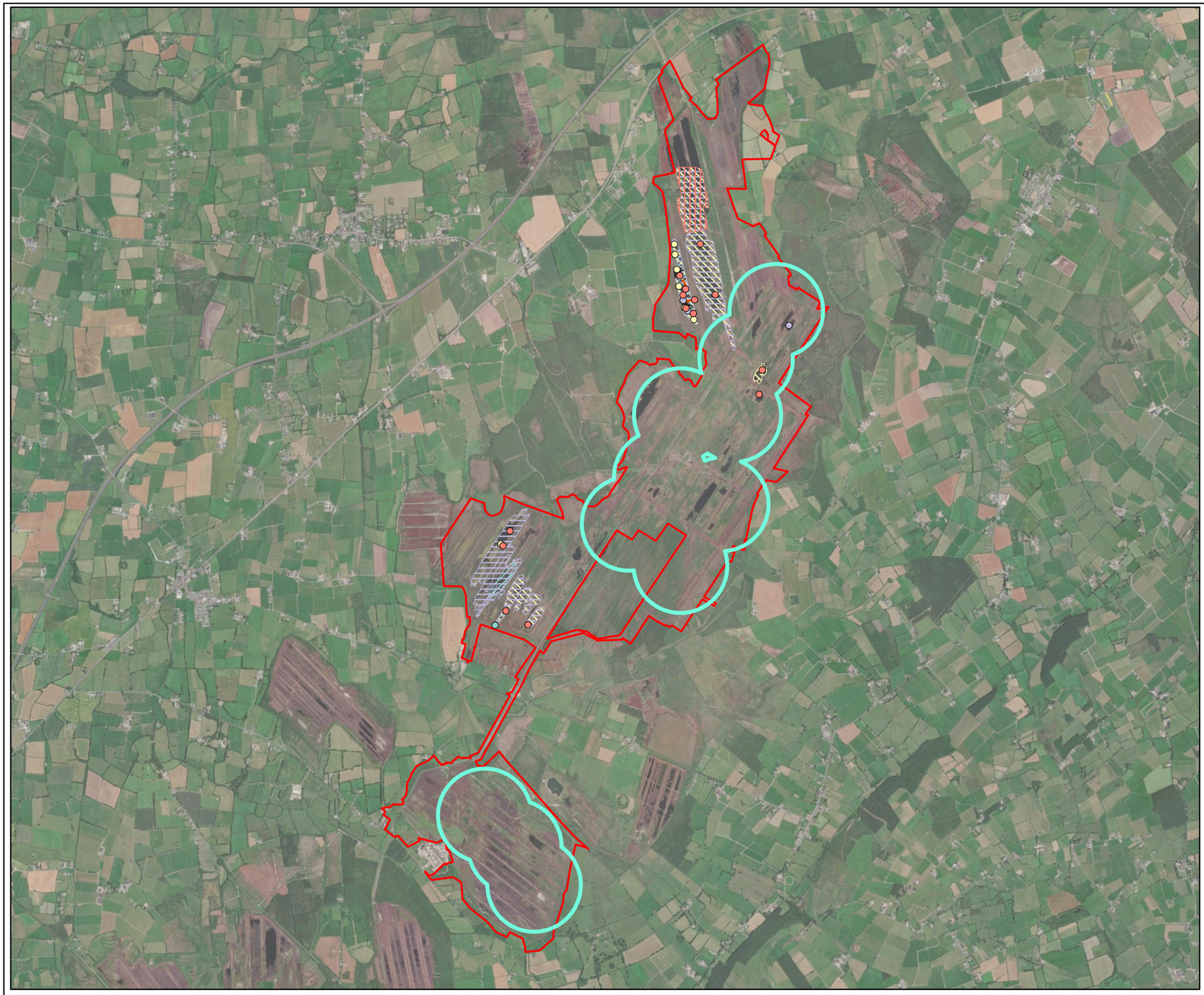

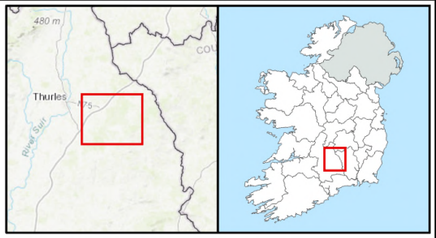

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024
- Summer 2024
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

N W E S

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TITLE: Teal - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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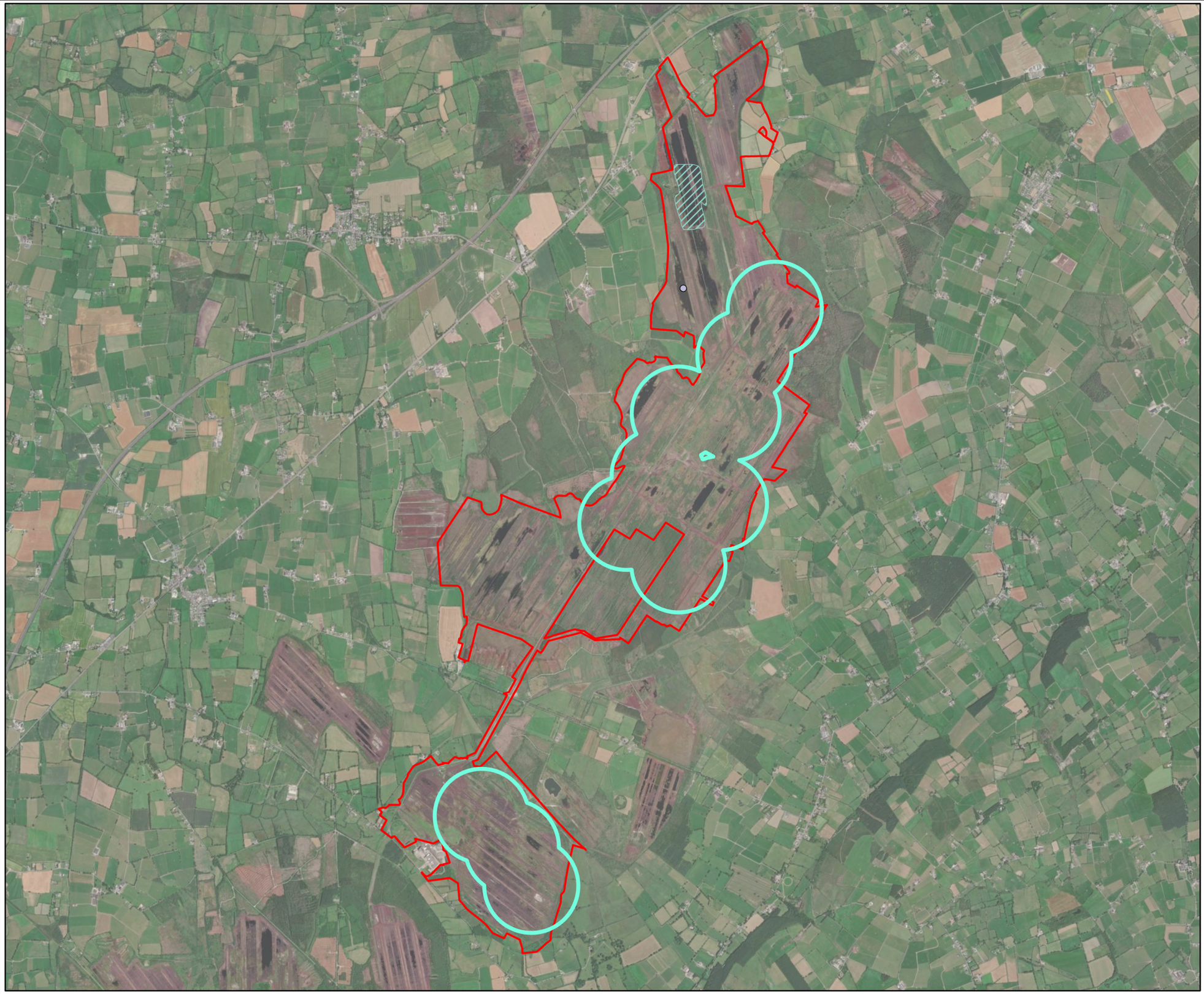

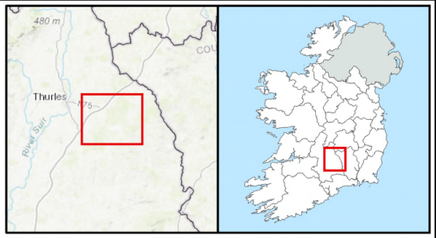

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2023

TITLE:	Tufted Duck - Breeding Wader Surveys		
PROJECT:	Littleton Wind Farm		
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
SCALE:	1:40,000	**REVISION:**	0
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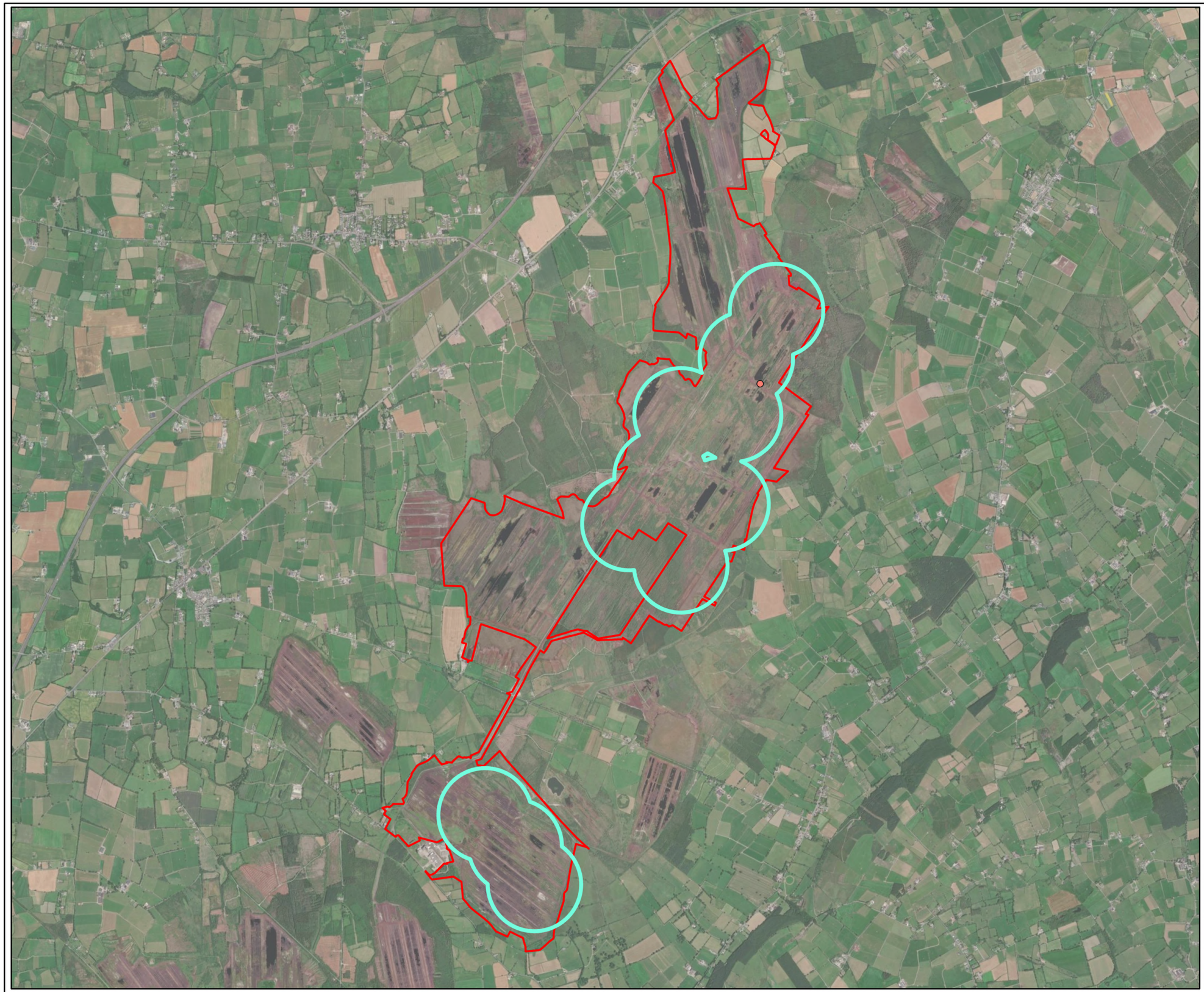

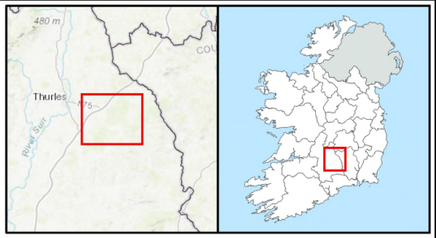

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2024

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TITLE: Water Rail - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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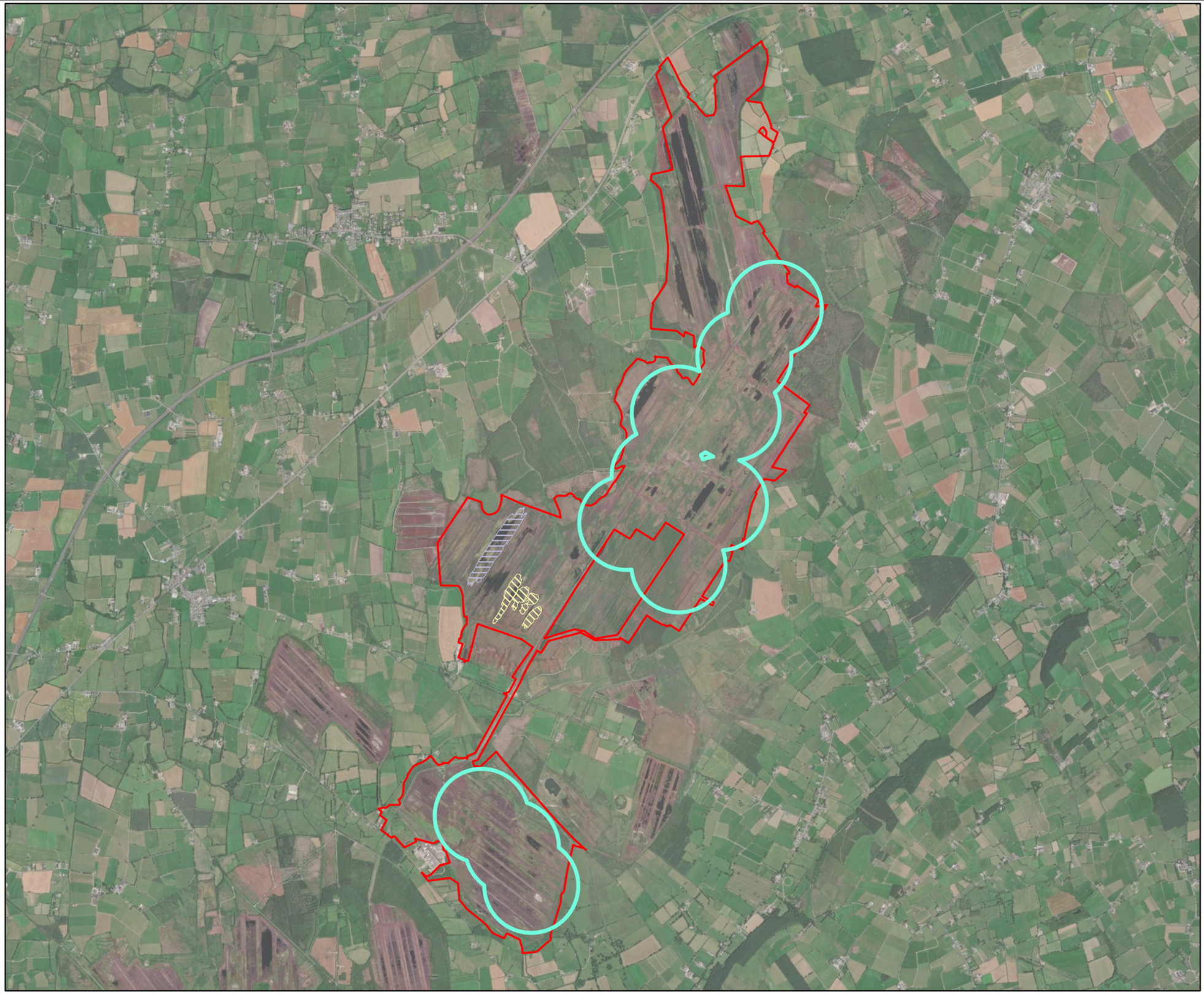

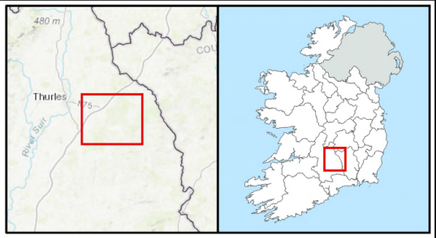

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2022
- Summer 2023

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TITLE: Wigeon - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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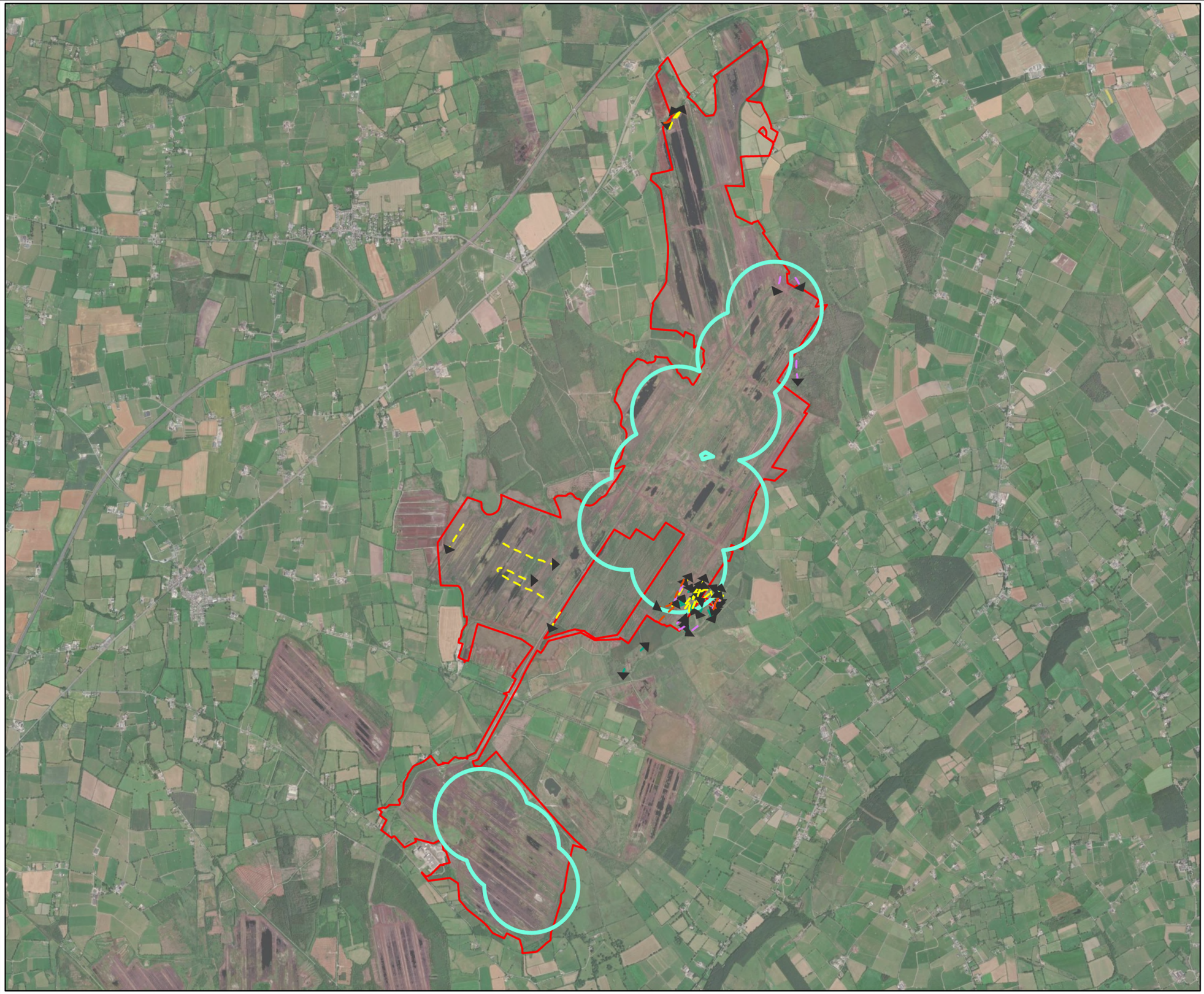

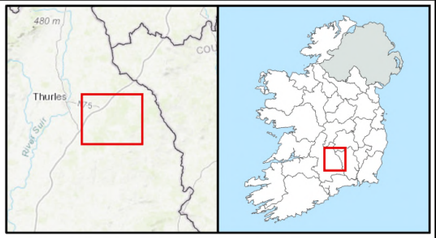

Legend

- Site Boundary
- Turbine Buffer 500m
- Summer 2021
- Summer 2022
- Summer 2023
- Summer 2024

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TITLE: Woodcock - Breeding Wader Surveys			
PROJECT: Littleton Wind Farm			
FIGURE NO:	Appendix		
CLIENT:	Littleton Wind Farm DAC		
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APPENDIX 12

Hen Harrier Results

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2021_2022	HVP19A	11/10/21	Nil	-	0	0	0	0			0						No HH seen - suitable habitat in bruckana Wind Farm (sunset: 18:44, civil twilight: 19:19) 52.7517278,-7.6754921
Winter_2021_2022	HVP19A	11/10/21	GP	Golden Plover	Pluvialis apricaria	Red	Yes			19:22	0						heard over HVP 19A
Winter_2021_2022	HVP 1A	23/11/21	HH	Hen Harrier	Circus cyaneus	Amber	Yes			15:59	27	27	0	0	0		RT out 27ss 0-20m - went to ground/to roost or continued on across road to north 52.7522625,-7.6542976
Winter_2021_2022	HVP 1A	23/11/21	L.	Lapwing	Vanellus vanellus	Red	No			16:24	50		25	8	17		90 out, 25ss: 20-50m, 8s, 50-100m: 17s.
Winter_2021_2022	HVP 1A	23/11/21	K.	Kestrel	Falco tinnunculus	Red	No			16:40	38	22	16				out 38s, 0-20m: 22s, 20-50m:16s
Winter_2021_2022	HVP 1A	16/12/21	SH	Sparrowhawk	Accipiter nisus	Green	No	1	male	16:40	0						out 6ss A, by hvp 1A
Winter_2021_2022	HVP 1A	16/12/21	SN	Snipe	Gallinago gallinago	Red	No	3		16:57	0						out, heard rising by hvp 1A
Winter_2021_2022	HVP 1A	27/01/22	Nil	-	0	0	0				0						No HH or other target species flight lines recorded
Winter_2021_2022	HVP 1A	21/02/22	BZ	Buzzard	Buteo buteo	Green	No			16:07	0						2nd BZ xxx
Winter_2021_2022	HVP 1A	21/02/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes			17:15	0						Ringtail dropping in flight over suitable roost habitat, not seen going to ground - sighting position as they often do last minute as darkness falls
Winter_2021_2022	HVP 1A	21/02/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes			17:51	0						ringtail going to ground/ roost - either a 2nd HH ringtail or same individual as observed above

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2021_2022	HVP 1A	21/02/22	SN	Snipe	Gallinago gallinago	Red	No			18:32	0						calling overhead
Winter_2021_2022	HVP43	17/03/22	SN	Snipe	Gallinago gallinago	Red	No	Not recorded	No ID	18:59	0	0	0	0	0	0	In' 18 s 0-20m 52.6581999,-7.6003759
Winter_2021_2022	HVP43	17/03/22	WK	Woodcock	Scolopax rusticola	Red	No	2	No ID	19:08	0	0	0	0	0	0	roding
Winter_2021_2022	HVP43	17/03/22	WK	Woodcock	Scolopax rusticola	Red	No	2	No ID	19:08	0	0	0	0	0	0	roding
Winter_2021_2022	HVP43	17/03/22	SN	Snipe	Gallinago gallinago	Red	No	Not recorded	No ID	19:09	0	0	0	0	0	0	chipping
Winter_2021_2022	HVP43	17/03/22	WK	Woodcock	Scolopax rusticola	Red	No	Not recorded	No ID	19:12	0	0	0	0	0	0	roding
Winter_2021_2022	HVP43	17/03/22	WK	Woodcock	Scolopax rusticola	Red	No	Not recorded	No ID	19:14	0	0	0	0	0	0	roding
Winter_2021_2022	HVP43	17/03/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	Not recorded	No ID	19:26	0	0	0	0	0	0	heard going to roost
Winter_2022_2023	HVP27	08/10/22	K.	Kestrel	Falco tinnunculus	Red	No	1	F	18:07	18	18	0	0	0	0	No notes
Winter_2022_2023	HHVP2	08/10/22	ET	Little Egret	Egretta garzetta	Green	Yes	1	No ID	18:56	96	96	0	0	0	0	No notes
Winter_2022_2023	HHVP2	08/10/22	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	19:25	20	20	0	0	0	0	No notes
Winter_2022_2023	HHVP1	08/10/22	MP	Meadow Pipit	Anthus pratensis	Red	No	30	No ID	18:24	0	NA	NA	NA	NA	NA	flying over, no HH sightings

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP4	13/10/22	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	17:08	20	0	20	0	0	0	HH4 @ 52.619257, -7.702061
Winter_2022_2023	HHVP4	13/10/22	SH	Sparrowhawk	Accipiter nisus	Green	No	1	F	18:14	97	0	97	0	0	0	No notes
Winter_2022_2023	HHVP4	13/10/22	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	24	No ID	18:34	35	10	15	10	0	0	No notes
Winter_2022_2023	HHVP4	13/10/22	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	24	No ID	18:54	85	5	80	0	0	0	No notes
Winter_2022_2023	HHVP2	13/10/22	SN	Snipe	Gallinago gallinago	Red	No	6	No ID	17:05	10	10	0	0	0	0	With BP
Winter_2022_2023	HHVP2	13/10/22	ET	Little Egret	Egretta garzetta	Green	Yes	1	No ID	17:20	54	54	0	0	0	0	With BP
Winter_2022_2023	HHVP2	13/10/22	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	20	No ID	18:10	111	111	0	0	0	0	With BP
Winter_2022_2023	HHVP2	13/10/22	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	18:36	8	8	0	0	0	0	With BP
Winter_2022_2023	HHVP5	17/10/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	18:09	36	32	4	0	0	0	No notes
Winter_2022_2023	HHVP5	17/10/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	18:15	13	13	0	0	0	0	No notes
Winter_2022_2023	HHVP5	17/10/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	No ID	18:25	56	0	56	0	0	0	No notes
Winter_2022_2023	HHVP5	17/10/22	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	18:56	33	33	0	0	0	0	going to roost in forestry HH5 @ 52.62887, -7.67124
Winter_2022_2023	HHVP2	17/10/22	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	16:42	5	5	0	0	0	0	With BP

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP2	17/10/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	No ID	18:22	127	0	127	0	0	0	With BP
Winter_2022_2023	HHVP7	08/11/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:12	36	36	0	0	0	0	With GP
Winter_2022_2023	HHVP7	08/11/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	17:05	22	22	0	0	0	0	With GP
Winter_2022_2023	HHVP8	08/11/22	SH	Sparrowhawk	Accipiter nisus	Green	No	1	male	NA	0	0	0	0	0	0	With KC HHVP8 @ 520799, 54188
Winter_2022_2023	HHVP8	08/11/22	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	NA	0	0	0	0	0	0	With KC
Winter_2022_2023	HHVP8	08/11/22	FF	Fieldfare	Turdus pilaris	Green	No	400	No ID	NA	0	0	0	0	0	0	going to roost on site
Winter_2022_2023	HHVP3	16/11/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	15:38	26	26	0	0	0	0	With BP
Winter_2022_2023	HHVP3	16/11/22	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	13	No ID	15:52	38	0	38	0	0	0	With BP
Winter_2022_2023	HHVP3	16/11/22	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	16:44	65	65	0	0	0	0	With BP
Winter_2022_2023	HHVP9	16/11/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	14:23	62	62	0	0	0	0	hunting
Winter_2022_2023	HHVP11	16/11/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	17:13	17	0	17	0	0	0	heard, possibly more individuals moving out to fields, HHVP chosen based on HH sghting at VP9 on 10/11/22
Winter_2022_2023	HHVP12	17/11/22	WA	Water Rail	Rallus aquaticus	Green	No	NA	No ID	NA	0	0	0	0	0	0	heard
Winter_2022_2023	HHVP12	17/11/22	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	16:42	0	0	0	0	0	0	With BP

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP12	17/11/22	T.	Teal	Anas crecca	Amber	No	20	No ID	NA	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP11	17/11/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	17:14	11	11	0	0	0	0	HH11 @ 52.6341750, -7.6581670, historic roost site @ 52.6350977, -6604181, views good to historic roost site but otherwise limited
Winter_2022_2023	HHVP11	17/11/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	17:15	15	15	0	0	0	0	
Winter_2022_2023	HHVP11	17/11/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	17:19	18	12	6	0	0	0	Hinterland HH roost watch survey, watch based on dawn HH RT sighting on 17/11/22 from VP11 Hinterland HH roost watch survey, watch based on dawn HH RT sighting on 17/11/22 from VP11
Winter_2022_2023	HVP27	18/11/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	7	No ID	16:47	93	93	0	0	0	0	
Winter_2022_2023	HVP27	18/11/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	12	No ID	16:49	48	48	0	0	0	0	
Winter_2022_2023	HVP27	18/11/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	7	No ID	17:14	16	16	0	0	0	0	Hinterland HH roost watch survey, watch based on dawn HH RT sighting on 17/11/22 from VP11
Winter_2022_2023	HVP27	18/11/22	SN	Snipe	Gallinago gallinago	Red	No	2	No ID	17:19	15	0	15	0	0	0	Hinterland HH roost watch survey, watch based on dawn HH RT sighting on 17/11/22 from VP11
Winter_2022_2023	HHVP2A	03/12/22	HC	Hooded Crow	Corvus cornix	Green	No	80	No ID	NA	0	NA	NA	NA	NA	NA	on a power line pre roosting in pines on site
Winter_2022_2023	HHVP2A	03/12/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	Not recorded	No ID	17:00	0	NA	NA	NA	NA	NA	heard going into roost on NW Lake onsite N52.66011, W7.65531
Winter_2022_2023	HHVP2A	03/12/22	H.	Grey Heron	Ardea cinerea	Green	No	2	No ID	14:52	33	33	0	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP2A	03/12/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	16:26	11	3	8	0	0	0	
Winter_2022_2023	HHVP2A	03/12/22	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	16:57	5	5	0	0	0	0	
Winter_2022_2023	HHVP2A	03/12/22	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	?	No ID	16:59	0	NA	NA	NA	NA	NA	heard only, going to roost from 'two churches' grazing fields to 'swan lake'
Winter_2022_2023	HHVP3	06/12/22	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	14:04	17	17	0	0	0	0	
Winter_2022_2023	HHVP3	06/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	14:57	5	5	0	0	0	0	Ringtail
Winter_2022_2023	HHVP3	06/12/22	ET	Little Egret	Egretta garzetta	Green	Yes	1	No ID	15:12	26	26	0	0	0	0	
Winter_2022_2023	HHVP4	06/12/22	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	14:48	19	19	0	0	0	0	low perch to low perch
Winter_2022_2023	HHVP4	06/12/22	PE	Peregrine	Falco peregrinus	Green	Yes	1	No ID	16:41	27	0	27	0	0	0	
Winter_2022_2023	HHVP7	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	15:20	54	54	0	0	0	0	Ringtail hunting
Winter_2022_2023	HHVP7	22/12/22	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	15:36	79	0	79	0	0	0	
Winter_2022_2023	HHVP7	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	15:53	36	36	0	0	0	0	Ringtail hunting
Winter_2022_2023	HHVP7	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	16:16	43	43	0	0	0	0	Ringtail hunting
Winter_2022_2023	HHVP7	22/12/22	ML	Merlin	Falco columbarius	Amber	Yes	1	No ID	16:20	7	7	0	0	0	0	Ringtail chased by crow

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP7	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	16:24	105	0	105	0	0	0	
Winter_2022_2023	HHVP7	22/12/22	GS	Great Spotted Woodpecker	Dendrocopos major	Green	No	1	No ID	NA	0	NA	NA	NA	NA	NA	Nearby
Winter_2022_2023	HHVP8	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	15:21	45	45	0	0	0	0	ringtail flushed 12 WN from SW lake, hunting along lake side N32.63891, W7.69425
Winter_2022_2023	HHVP8	22/12/22	WN	Wigeon	Anas penelope	Amber	No	12	No ID	15:21	0	NA	NA	NA	NA	NA	ringtail flushed 12 WN from SW lake, hunting along lake side
Winter_2022_2023	HHVP8	22/12/22	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	15:54	40	40	0	0	0	0	hunting SW lakeside again
Winter_2022_2023	HHVP8	22/12/22	PE	Peregrine	Falco peregrinus	Green	Yes	1	No ID	16:17	0	0	x	0	0	0	time not given, flying south overhead
Winter_2022_2023	HHVP5	09/01/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	15:13	34	0	34	0	0	0	with GP
Winter_2022_2023	HHVP5	09/01/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	16:21	10	10	0	0	0	0	with GP
Winter_2022_2023	HHVP5	09/01/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	F	15:21	105	85	20	0	0	0	with KC at N52.62957, W 7.66677
Winter_2022_2023	HHVP11	24/01/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	16:44	20	0	20	0	0	0	with GP
Winter_2022_2023	HHVP11	24/01/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	16:59	0	0	0	0	0	0	with GP
Winter_2022_2023	HHVP11	24/01/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:12	81	81	0	0	0	0	went to roost
Winter_2022_2023	HHVP12	24/01/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:11	35	0	35	0	0	0	with KC at N52.64244, W 7.65382

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP12	24/01/23	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	17:37	0	NA	NA	NA	NA	NA	no flight information recorded
Winter_2022_2023	HHVP12A	29/01/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	male	17:15	0	NA	NA	NA	NA	NA	no flight information recorded at N52.64691, W 7.65319
Winter_2022_2023	HHVP1	05/02/23	SG	Starling	Sturnus vulgaris	Amber	No	2000	No ID	Not recorded	0	0	0	0	0	0	no HH sightings With BP
Winter_2022_2023	HHVP1	05/02/23	LG	Little Grebe	Tachybaptus ruficollis	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	no HH sightings With BP
Winter_2022_2023	HHVP1	05/02/23	WA	Water Rail	Rallus aquaticus	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	no HH sightings With BP
Winter_2022_2023	HHVP2	05/02/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	16:31	6	6	0	0	0	0	v. low between the young WN7
Winter_2022_2023	HHVP2	05/02/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:57	74	0	74	0	0	0	
Winter_2022_2023	HHVP3	06/02/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	15:22	36	0	36	0	0	0	With BP
Winter_2022_2023	HHVP3	06/02/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:35	45	45	0	0	0	0	With BP
Winter_2022_2023	HHVP4	06/02/23	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	15:38	18	14	4	0	0	0	flushed by dog
Winter_2022_2023	HHVP4	06/02/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:29	84	3	81	0	0	0	
Winter_2022_2023	HHVP4	06/02/23	K.	Kestrel	Falco tinnunculus	Red	No	1	F	17:22	304	53	251	0	0	0	17:05 disturbance 2 x scramblers up along the 'high field' within viewshed between HH4 & HH3

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP4	06/02/23	ET	Little Egret	Egretta garzetta	Green	Yes	1	No ID	17:29	17	0	17	0	0	0	
Winter_2022_2023	HHVP4	06/02/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	17:46	5	5	0	0	0	0	perched on post since 16:48 at least
Winter_2022_2023	HHVP4	06/02/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	17:54	3	3	0	0	0	0	flies off post towards ground
Winter_2022_2023	HHVP8	20/02/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	17:13	28	28	0	0	0	0	With BP
Winter_2022_2023	HHVP8	20/02/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	17:27	17	17	0	0	0	0	With BP
Winter_2022_2023	HHVP8	20/02/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	17:38	38	38	0	0	0	0	With BP
Winter_2022_2023	HHVP8	20/02/23	WN	Wigeon	Anas penelope	Amber	No	17	No ID	Not recorded	0	0	0	0	0	0	on SW lake With BP
Winter_2022_2023	HHVP7	20/02/23	MA	Mallard	Anas platyrhynchos	Amber	No	2	No ID	16:12	23	8	15	0	0	0	
Winter_2022_2023	HHVP7	20/02/23	MA	Mallard	Anas platyrhynchos	Amber	No	3	No ID	17:00	54	6	48	0	0	0	
Winter_2022_2023	HHVP7	20/02/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	17:11	164	164	0	0	0	0	17:20 - disturbance - 2 quads on site by HH7 flying up and down
Winter_2022_2023	HHVP7	20/02/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:53	104	9	95	0	0	0	going to roost together
Winter_2022_2023	HHVP7	20/02/23	ET	Little Egret	Egretta garzetta	Green	Yes	2	No ID	17:53	104	9	95	0	0	0	going to roost together
Winter_2022_2023	HHVP7	20/02/23	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	18:18	0	NA	NA	NA	NA	NA	chipping then drumming west of HH7 till 18:30
Winter_2022_2023	HHVP7	20/02/23	SN	Snipe	Gallinago	Red	No	1	No ID	18:24	0	NA	NA	NA	NA	NA	2nd snipe calling and rising from bog.

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
					gallinago												
Winter_2022_2023	HHVP7	20/02/23	FF	Fieldfare	Turdus pilaris	Green	No	355	No ID	17:31	0	NA	NA	NA	NA	NA	going to roost c. 200m west of VP4
Winter_2022_2023	HHVP12A	02/03/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	17:35	25	25	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	18:13	32	32	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	18:35	22	22	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	18:42	30	30	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	FF	Fieldfare	Turdus pilaris	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	WL	Woodlark	Lullula arborea	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	ST	Song Thrush	Turdus philomelos	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	SN	Snipe	Gallinago gallinago	Red	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	MA	Mallard	Anas platyrhynchos	Amber	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	RN	Raven	Corvus corax	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP
Winter_2022_2023	HHVP12A	02/03/23	H.	Grey Heron	Ardea cinerea	Green	No	Not recorded	No ID	Not recorded	0	0	0	0	0	0	With BP

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP11	02/03/23	MA	Mallard	Anas platyrhynchos	Amber	No	1	No ID	16:15	14	14	0	0	0	0	probably HH female
Winter_2022_2023	HHVP11	02/03/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:13	34	0	8	26	0	0	joins HH female briefly, both mobbed by HC and flies over roost site
Winter_2022_2023	HHVP11	02/03/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:30	124	82	42	0	0	0	right behind roost site chipping then drumming - heard only
Winter_2022_2023	HHVP11	02/03/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:38	8	8	0	0	0	0	roding - heard only
Winter_2022_2023	HHVP11	02/03/23	SN	Snipe	Gallinago gallinago	Red	No	2	No ID	18:40	0	NA	NA	NA	NA	NA	rising from bog in front of VPHH11 - heard only
Winter_2022_2023	HHVP11	02/03/23	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	18:44	0	NA	NA	NA	NA	NA	
Winter_2022_2023	HHVP11	02/03/23	SN	Snipe	Gallinago gallinago	Red	No	2	No ID	18:46	0	NA	NA	NA	NA	NA	
Winter_2022_2023	HHVP5	14/03/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	18:52	28	0	28	0	0	0	With GP
Winter_2022_2023	HHVP5	14/03/23	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	18:57	12	0	12	0	0	0	With GP
Winter_2022_2023	HHVP6A	14/03/23	ML	Merlin	Falco columbarius	Amber	Yes	1	M	18:47	10	10	0	0	0	0	With KC
Winter_2022_2023	HHVP3	26/03/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:38	15	15	0	0	0	0	With BP
Winter_2022_2023	HHVP10	26/03/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	16	No ID	19:46	32	32	0	0	0	0	With BP

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2022_2023	HHVP10	26/03/23	MA	Mallard	Anas platyrhynchos	Amber	No	4	No ID	19:11	95	60	35	0	0	0	With BP
Winter_2022_2023	HHVP10	26/03/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	31	No ID	19:51	120	120	0	0	0	0	With BP
Winter_2022_2023	HHVP9	26/03/23	MA	Mallard	Anas platyrhynchos	Amber	No	2	M&F	17:54	52	0	52	0	0	0	
Winter_2022_2023	HHVP9	26/03/23	MA	Mallard	Anas platyrhynchos	Amber	No	1	No ID	18:29	83	48	35	0	0	0	
Winter_2022_2023	HHVP9	26/03/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2	No ID	18:55	55	0	7	48	0	0	
Winter_2022_2023	HHVP9	26/03/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	32	No ID	19:52	118	65	53	0	0	0	
Winter_2022_2023	HHVP9	26/03/23	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	No ID	20:20	0	NA	NA	NA	NA	NA	heard only - bred in area in 2022
Winter_2023_2024	HHVP5	06/10/23	Nil	-	0	0	0	Nil	No ID	NA	0	0	0	0	0	0	no target species flight lines
Winter_2023_2024	HHVP6A	06/10/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	13	No ID	17:43	0	0	0	0	0	0	
Winter_2023_2024	HHVP6A	06/10/23	HC	Hooded Crow	Corvus cornix	Green	No	50	No ID	10:03	0	0	0	0	0	0	
Winter_2023_2024	HHVP9	16/10/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	16:38	52	15	37	0	0	0	mobs HH
Winter_2023_2024	HHVP9	16/10/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	No ID	16:39	23	23	0	0	0	0	Ringtail
Winter_2023_2024	HHVP9	16/10/23	GP	Golden Plover	Pluvialis apricaria	Red	Yes	Not recorded	No ID	16:51	0	0	0	0	0	0	heard only - south of VP9

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP9	16/10/23	GP	Golden Plover	Pluvialis apricaria	Red	Yes	65	No ID	17:21	250	30	180	40	0	0	
Winter_2023_2024	HHVP9	16/10/23	MS	Mute Swan	Cygnus olor	Amber	No	1	No ID	17:30	28	28	0	0	0	0	
Winter_2023_2024	HHVP9	16/10/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	5	No ID	17:38	90	0	90	0	0	0	
Winter_2023_2024	HHVP9	16/10/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:52	40	0	40	0	0	0	
Winter_2023_2024	HHVP10	16/10/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	16:38	45	30	15	0	0	0	Ringtail mobbed by a BZ
Winter_2023_2024	HHVP10	16/10/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	16:38	43	30	13	0	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	GP	Golden Plover	Pluvialis apricaria	Red	Yes	45	No ID	16:51	86	16	70	0	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	MA	Mallard	Anas platyrhynchos	Amber	No	8	No ID	17:00	96	6	90	0	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	H.	Grey Heron	Ardea cinerea	Green	No	2	No ID	17:07	16	16	0	0	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	GP	Golden Plover	Pluvialis apricaria	Red	Yes	60	No ID	17:22	175	0	0	175	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	5	No ID	17:36	93	0	93	0	0	0	with BP
Winter_2023_2024	HHVP10	16/10/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	18:53	12	12	0	0	0	0	with BP

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP8	26/10/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	RT	17:24	47	47	0	0	0	0	
Winter_2023_2024	HHVP8	26/10/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	No ID	Not recorded	0	0	0	0	0	0	on lake (2 adults, 1 juvenile)
Winter_2023_2024	HHVP8	26/10/23	WA	Water Rail	Rallus aquaticus	Green	No	NA	No ID	Not recorded	0	0	0	0	0	0	calling
Winter_2023_2024	HHVP7	26/10/23	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	F	17:23	42	42	0	0	0	0	Juvenile
Winter_2023_2024	HHVP7	26/10/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	17:58	61	61	0	0	0	0	with GP
Winter_2023_2024	HHVP7	26/10/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	18:29	28	28	0	0	0	0	with GP
Winter_2023_2024	HHVP11	03/11/23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no target species seen - with GP
Winter_2023_2024	HHVP12	03/11/23	FF	Fieldfare	Turdus pilaris	Green	No	30	No ID	Not recorded	0	0	0	0	0	0	in birch scrub on site - no target species
Winter_2023_2024	HHVP1	14/11/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	11	No ID	17:16	0	0	0	0	0	0	Whooper Swans flying to roost on NW lake from adjacent fields
Winter_2023_2024	HHVP1	14/11/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	7	No ID	17:18	0	0	0	0	0	0	Whooper Swans flying to roost on NW lake from adjacent fields
Winter_2023_2024	HHVP2	14/11/23	SN	Snipe	Gallinago gallinago	Red	No	4	No ID	14:58	22	3	19	0	0	0	
Winter_2023_2024	HHVP2	14/11/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	No ID	16:03	96	0	10	86	0	0	
Winter_2023_2024	HHVP2	14/11/23	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	24	No ID	16:41	115	0	0	115	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP2	14/11/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	Not recorded	No ID	17:16	0	0	0	0	0	0	heard going to roost on to 'Swan Lake'
Winter_2023_2024	HHVP2	14/11/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	Not recorded	No ID	17:19	0	0	0	0	0	0	heard going to roost on to 'Swan Lake'
Winter_2023_2024	HHVP4	15/11/23	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	14:28	18	18	0	0	0	0	
Winter_2023_2024	HHVP4	15/11/23	K.	Kestrel	Falco tinnunculus	Red	No	1	N	16:06	13	13	0	0	0	0	from perch to perch
Winter_2023_2024	HHVP4	15/11/23	BZ	Buzzard	Buteo buteo	Green	No	2	N	16:17	7	7	0	0	0	0	follow each other off perch on post
Winter_2023_2024	HHVP4	15/11/23	K.	Kestrel	Falco tinnunculus	Red	No	1	J	16:26	39	39	0	0	0	0	
Winter_2023_2024	HHVP4	15/11/23	H.	Grey Heron	Ardea cinerea	Green	No	1	N	16:28	17	17	0	0	0	0	
Winter_2023_2024	HHVP4	15/11/23	K.	Kestrel	Falco tinnunculus	Red	No	1	J	16:34	88	30	58	0	0	0	
Winter_2023_2024	HHVP3	15/11/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	15:16	26	26	0	0	0	0	with BP
Winter_2023_2024	HHVP3	15/11/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	16:23	8	8	0	0	0	0	with BP
Winter_2023_2024	HHVP6A	04/12/23	ET	Little Egret	Egretta garzetta	Green	Yes	0	No ID	15:40	31	0	31	0	0	0	
Winter_2023_2024	HHVP6A	04/12/23	K.	Kestrel	Falco tinnunculus	Red	No	0	No ID	16:17	105	0	105	0	0	0	
Winter_2023_2024	HHVP6A	04/12/23	HC	Hooded Crow	Corvus cornix	Green	No	100	No ID	NA	0	0	0	0	0	0	
Winter_2023_2024	HHVP6A	04/12/23	RN	Raven	Corvus corax	Green	No	11	No ID	NA	0	0	0	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP5	04/12/23	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	J	14:42	133	0	0	133	0	0	juvenile? Lost!!??
Winter_2023_2024	HHVP5	04/12/23	ET	Little Egret	Egretta garzetta	Green	Yes	1	N	15:39	54	0	54	0	0	0	
Winter_2023_2024	HHVP5	04/12/23	BZ	Buzzard	Buteo buteo	Green	No	1	N	15:43	10	10	0	0	0	0	
Winter_2023_2024	HHVP5	04/12/23	K.	Kestrel	Falco tinnunculus	Red	No	1	N	15:55	424	0	424	0	0	0	
Winter_2023_2024	HHVP5	04/12/23	K.	Kestrel	Falco tinnunculus	Red	No	1	N	16:14	57	0	57	0	0	0	
Winter_2023_2024	HHVP5	04/12/23	SH	Sparrowhawk	Accipiter nisus	Green	No	1	N	16:35	84	12	72	0	0	0	
Winter_2023_2024	HHVP5	04/12/23	BZ	Buzzard	Buteo buteo	Green	No	1	N	16:52	48	23	25	0	0	0	going to roost
Winter_2023_2024	HHVP9	05/12/23	K.	Kestrel	Falco tinnunculus	Red	No	1	N	14:50	5	5	0	0	0	0	
Winter_2023_2024	HHVP10	05/12/23	BZ	Buzzard	Buteo buteo	Green	No	2	No ID	14:11	27	27	0	0	0	0	with BP
Winter_2023_2024	HHVP10	05/12/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	14:38	14	14	0	0	0	0	with BP
Winter_2023_2024	HHVP10	05/12/23	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	15:10	22	22	0	0	0	0	with BP
Winter_2023_2024	HHVP10	05/12/23	SE	Short-eared Owl	Asio flammeus	Amber	Yes	1	No ID	16:44	12	12	0	0	0	0	with BP
Winter_2023_2024	HHVP8	14/12/23	H.	Grey Heron	Ardea cinerea	Green	No	2	No ID	15:43	61	61	0	0	0	0	
Winter_2023_2024	HHVP8	14/12/23	PE	Peregrine	Falco peregrinus	Green	Yes	2	No ID	16:45	10	10	0	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP8	14/12/23	PE	Peregrine	Falco peregrinus	Green	Yes	NA	No ID	NA	0	0	0	0	0	0	heard throughout watch
Winter_2023_2024	HHVP8	14/12/23	BZ	Buzzard	Buteo buteo	Green	No	NA	No ID	NA	0	0	0	0	0	0	heard
Winter_2023_2024	HHVP7	14/12/23	H.	Grey Heron	Ardea cinerea	Green	No	2	No ID	15:39	46	0	46	0	0	0	with GP
Winter_2023_2024	HHVP7	14/12/23	MA	Mallard	Anas platyrhynchos	Amber	No	4	No ID	15:41	23	0	23	0	0	0	with GP
Winter_2023_2024	HHVP7	14/12/23	SN	Snipe	Gallinago gallinago	Red	No	2	No ID	16:03	8	8	0	0	0	0	with GP
Winter_2023_2024	HHVP7	14/12/23	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:23	18	0	18	0	0	0	with GP
Winter_2023_2024	HHVP12A	09/01/24	FF	Fieldfare	Turdus pilaris	Green	No	20	No ID	Not recorded	0	0	0	0	0	0	going to roost on site
Winter_2023_2024	HHVP11	09/01/24	HC	Hooded Crow	Corvus cornix	Green	No	60	No ID	17:10	0	0	0	0	0	0	crossing over historic roost site going to their roost for 9 minutes - no target species flight lines
Winter_2023_2024	HHVP4	11/01/24	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	14:34	38	38	0	0	0	0	
Winter_2023_2024	HHVP4	11/01/24	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	15:50	11	11	0	0	0	0	
Winter_2023_2024	HHVP4	11/01/24	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:27	105	15	90	0	0	0	
Winter_2023_2024	HHVP4	11/01/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	16:56	42	0	42	0	0	0	
Winter_2023_2024	HHVP4	11/01/24	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	17:00	15	15	0	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP3	11/01/24	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	15:08	26	26	0	0	0	0	No Notes
Winter_2023_2024	HHVP3	11/01/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	16:54	77	0	77	0	0	0	No Notes
Winter_2023_2024	HHVP3	11/01/24	Owl sp.	-	0	0	0	1	No ID	16:55	42	42	0	0	0	0	Possibly short-eared owl
Winter_2023_2024	HHVP6A	24/01/24	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:16	101	0	101	0	0	0	going to roost
Winter_2023_2024	HHVP6A	24/01/24	RO	Rook	Corvus frugilegus	Green	No	500	No ID	17:30	0	0	0	0	0	0	
Winter_2023_2024	HHVP6A	24/01/24	H.	Grey Heron	Ardea cinerea	Green	No	2	No ID	NA	0	0	0	0	0	0	
Winter_2023_2024	HHVP6A	24/01/24	MA	Mallard	Anas platyrhynchos	Amber	No	4	No ID	NA	0	0	0	0	0	0	
Winter_2023_2024	HHVP5	24/01/24	SH	Sparrowhawk	Accipiter nisus	Green	No	1	No ID	15:54	5	5	0	0	0	0	With GP
Winter_2023_2024	HHVP5	24/01/24	K.	Kestrel	Falco tinnunculus	Red	No	1	No ID	16:14	68	0	68	0	0	0	With GP
Winter_2023_2024	HHVP15	07/02/24	MA	Mallard	Anas platyrhynchos	Amber	No	2	No ID	18:02	9	9	0	0	0	0	not mapped as well off site and they landed in right next to hVP15 -co-ordinates of HHVP : historic roost site off site - c. 250m south of hVP15 - HHVP is at hVP15 at 52.592401, -7.785753
Winter_2023_2024	HHVP15	12/02/24	Nil	-	0	0	0	Nil	No ID	NA	0	0	0	0	0	0	No Target Species
Winter_2023_2024	HHVP13	12/02/24	BZ	Buzzard	Buteo buteo	Green	No	2	No ID	15:38	95	0	20	75	0	0	circling together and hunting adjacent briefly
Winter_2023_2024	HHVP13	12/02/24	WN	Wigeon	Anas penelope	Amber	No	60	No ID	16:21	270	0	120	150	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP14	12/02/24	BZ	Buzzard	Buteo buteo	Green	No	1	No ID	16:49	45	45	0	0	0	0	With GP
Winter_2023_2024	HHVP14	12/02/24	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	No ID	17:31	36	0	36	0	0	0	With GP
Winter_2023_2024	HHVP14	12/02/24	ML	Merlin	Falco columbarius	Amber	Yes	1	No ID	18:02	15	0	15	0	0	0	With GP
Winter_2023_2024	HHVP14	12/02/24	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	18:06	5	5	0	0	0	0	With GP
Winter_2023_2024	HHVP12	19/02/24	Nil	-	0	0	0	Nil	No ID	NA	0	0	0	0	0	0	No Target Species
Winter_2023_2024	HHVP11	19/02/24	Nil	-	0	0	0	0	NA	NA	0	NA	NA	NA	NA	NA	no target species seen - with GP
Winter_2023_2024	HHVP6A	15/03/24	BZ	Buzzard	Buteo buteo	Green	No	6	No ID	17:26	0	0	0	0	0	0	soaring 3km SE of site
Winter_2023_2024	HHVP5	15/03/24	SE	Short-eared Owl	Asio flammeus	Amber	Yes	1	No ID	17:43	175	175	0	0	0	0	short-eared owl
Winter_2023_2024	HHVP5	15/03/24	SE	Short-eared Owl	Asio flammeus	Amber	Yes	1	No ID	18:38	10	10	0	0	0	0	hunting
Winter_2023_2024	HHVP9	20/03/24	GJ	Greylag Goose	Anser anser	Amber	No	2	No ID	16:43	20	0	20	0	0	0	
Winter_2023_2024	HHVP9	20/03/24	MA	Mallard	Anas platyrhynchos	Amber	No	2	No ID	17:17	206	4	160	42	0	0	
Winter_2023_2024	HHVP9	20/03/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:51	47	14	33	0	0	0	
Winter_2023_2024	HHVP9	20/03/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	18:46	55	0	55	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2023_2024	HHVP9	20/03/24	SE	Short-eared Owl	Asio flammeus	Amber	Yes	1	No ID	18:51	28	28	0	0	0	0	
Winter_2023_2024	HHVP9	20/03/24	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	19:02	36	0	36	0	0	0	
Winter_2023_2024	HHVP10	20/03/24	GJ	Greylag Goose	Anser anser	Amber	No	2	No ID	16:43	18	18	0	0	0	0	No notes
Winter_2023_2024	HHVP10	20/03/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:22	11	11	0	0	0	0	No notes
Winter_2023_2024	HHVP10	20/03/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17:49	63	0	63	0	0	0	No notes
Winter_2023_2024	HHVP10	20/03/24	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2	No ID	18:00	94	0	0	94	0	0	No notes
Winter_2023_2024	HHVP10	20/03/24	WK	Woodcock	Scolopax rusticola	Red	No	1	No ID	19:04	85	0	85	0	0	0	No notes
Winter_2023_2024	HHVP1	22/03/24	Nil	-	0	0	0	NA	NA	NA	0	NA	NA	NA	NA	NA	No Target Species N52.40131 W7.35
Winter_2023_2024	HHVP2	22/03/24	MA	Mallard	Anas platyrhynchos	Amber	No	1	No ID	17:03	13	13	0	0	0	0	
Winter_2023_2024	HHVP2	22/03/24	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	17;8	32	0	32	0	0	0	
Winter_2023_2024	HHVP2	22/03/24	MA	Mallard	Anas platyrhynchos	Amber	No	2	No ID	18:02	23	0	23	0	0	0	
Winter_2023_2024	HHVP2	22/03/24	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	19:21	9	7	2	0	0	0	
Winter_2023_2024	HHVP2	22/03/24	SN	Snipe	Gallinago	Red	No	2	No ID	19:24	360	0	360	0	0	0	2 SN in display drumming and chipping

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
					gallinago												
Winter_2024_2025	HHVP5	01/10/2024	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	16:56	24	10m					No notes
Winter_2024_2025	HHVP5	01/10/2024	MA	Mallard	Anas platyrhynchos	Amber	No	4	M&F	17:15	95		40m				2 male, 2 female
Winter_2024_2025	HHVP5	01/10/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	20	No ID	18:47	85			60m			mised ages including adults
Winter_2024_2025	HHVP5	01/10/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	9	No ID	18:58	30		30m				mostly adults
Winter_2024_2025	HHVP11	02/10/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	No ID	18:08	93			60m			
Winter_2024_2025	HHVP11	02/10/2024	K.	Kestrel	Falco tinnunculus	Red	No	1	M	18:45	353	6	347	0	0	0	hunting
Winter_2024_2025	HHVP11	02/10/2024	SN	Snipe	Gallinago gallinago	Red	No	1	No ID	18:52	20	20	0	0	0	0	calling in flight
Winter_2024_2025	HHVP11	02/10/2024	H.	Grey Heron	Ardea cinerea	Green	No	1	No ID	19:21	85		85 (40m)				going to roost
Winter_2024_2025	HHVP11	02/10/2024	HC	Hooded Crow	Corvus cornix	Green	No	95	No ID	19:36	0	0	0	0	0	0	going to roost right by HH known roost location including 15 HC at the time - pperhaps HH put off roosting here?
Winter_2024_2025	HHVP2	16/11/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	NA	15:03	56	0	56	0	0	0	c. 40 m high
Winter_2024_2025	HHVP2	16/11/2024	K.	Kestrel	Falco tinnunculus	Red	No	1	NA	16:27	68	6	62	0	0	0	NA
Winter_2024_2025	HHVP2	16/11/2024	MS	Mute Swan	Cygnus olor	Amber	No	2	NA	16:35	44	0	44	0	0	0	c. 30 m high

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP2	16/11/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	NA	16:44	18	18	0	0	0	0	NA
Winter_2024_2025	HHVP2	16/11/2024	H.	Grey Heron	Ardea cinerea	Green	No	1	NA	17:02	72	72	0	0	0	0	NA
Winter_2024_2025	HHVP4	20/11/2024	BZ	Buzzard	Buteo buteo	Green	No	1	NA	15:03	8	8	0	0	0	0	NA
Winter_2024_2025	HHVP4	20/11/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	NA	16:25	11	0	11	0	0	0	Briefly seen flying away at distance either WS or MS
Winter_2024_2025	HVP27	15/12/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	NA	8:03	57	10	47	0	0	0	26 WS Total
Winter_2024_2025	HVP27	15/12/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	9	NA	8:08	44	10	34	0	0	0	26 WS Total
Winter_2024_2025	HVP27	15/12/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	12	NA	8:11	86	20	66	0	0	0	26 WSTotal
Winter_2024_2025	HVP27	15/12/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	NA	8:16	39	10	29	0	0	0	26 WSTotal
Winter_2024_2025	HVP27	15/12/2024	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	male	8:20	336	306	30	0	0	0	juvenile male past pale moult
Winter_2024_2025	HVP27	15/12/2024	H.	Grey Heron	Ardea cinerea	Green	No	5	male	8:48	9	9	0	0	0	0	NA
Winter_2024_2025	HVP27	15/12/2024	SG	Starling	Sturnus vulgaris	Amber	No	800	NA	8:15	0	0	0	0	0	0	pass low from 08:15 to 08:28 in various sized flocks coming from roost to the east
Winter_2024_2025	HVP27	15/01/2025	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	NA	7:53	0	0	0	0	0	0	Heard only WSmoved to grazing fields prior to arrival
Winter_2024_2025	HVP27	15/01/2025	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	NA	8:00	62	62	0	0	0	0	NA WS moved to grazing fields prior to arrival

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HVP27	15/01/2025	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	5	NA	8:05	48	48	0	0	0	0	NA WSmoved to grazing fields prior to arrival
Winter_2024_2025	HVP27	15/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	NA	8:11	36	0	36	0	0	0	NA
Winter_2024_2025	HVP27	15/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	NA	8:14	30	0	30	0	0	0	NA
Winter_2024_2025	HVP27	15/01/2025	SH	Sparrowhawk	Accipiter nisus	Green	No	1	NA	8:59	34	34	0	0	0	0	NA
Winter_2024_2025	HHVP12	14/12/2024	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Adult Male	14:54	17	17	0	0	0	Hunting	
Winter_2024_2025	HHVP7	15/12/2024	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	Adult Female	14:14	43	43	0	0	0	One strike on avian prey. Possibly caught as harrier went to ground	
Winter_2024_2025	HHVP8	15/12/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	Unsexed Adult	14:29	42	42	0	0	0	Pond to pond	
Winter_2024_2025	HHVP8	15/12/2024	MA	Mallard	Anas platyrhynchos	Amber	No	2	Adult Male	16:06	26	2	24	0	0	Pair	
Winter_2024_2025	HHVP8	15/12/2024	WN	Wigeon	Anas penelope	Amber	No	65	Adult Male	16:08	355	30	285	40	0	Disturbed by hunters actively hunting on site !	
Winter_2024_2025	HHVP8	15/12/2024	WN	Wigeon	Anas penelope	Amber	No	35	Adult Male	16:21	130	5	125	0	0	Disturbed by more shooting	
Winter_2024_2025	HHVP11	22/01/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Unsexed Adult	13:25	33	15	18	0	0	Flying	
Winter_2024_2025	HHVP11	22/01/2025	PE	Peregrine	Falco peregrinus	Green	Yes	1	Unsexed Adult	14:12	9	9	0	0	0	Fly	
Winter_2024_2025	HHVP11	22/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	16:37	18	18	0	0	0	Flying	
Winter_2024_2025	HHVP11	22/01/2025	WK	Woodcock	Scolopax rusticola	Red	No	2	Unsexed Adult	17:37	8	8	0	0	0	Flying	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP11	2/3/2025	H.	Grey Heron	Ardea cinerea	Green	No	2	Adult Male	15:55	56	7	43	6	0		Land in close to vp HH11
Winter_2024_2025	HHVP11	2/3/2025	H.	Grey Heron	Ardea cinerea	Green	No	2	Adult Male	15:57	42	6	36	0	0		Startled by observer after landing in close by
Winter_2024_2025	HHVP11	2/3/2025	MA	Mallard	Anas platyrhynchos	Amber	No	1	Adult Male	17:28	24	24	0	0	0		Calling
Winter_2024_2025	HHVP11	2/3/2025	K.	Kestrel	Falco tinnunculus	Red	No	1	Adult Female	18:08	7	7	0	0	0		With prey. Land onto historic HH roost sit to eat prey then leaves at 18.16
Winter_2024_2025	HHVP11	2/3/2025	WK	Woodcock	Scolopax rusticola	Red	No	2	Adult Male	18:30	38	38	0	0	0		2 birds roding together
Winter_2024_2025	HHVP11	2/3/2025	WK	Woodcock	Scolopax rusticola	Red	No	1	Adult Male	18:34	23	23	0	0	0		Roding. Probably one of the males passing 4 mins previously
Winter_2024_2025	HHVP13	27/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	45	Unsexed Adult	14:56	45	45	0	0	0		Flying
Winter_2024_2025	HHVP13	27/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	110	Unsexed Adult	15:32	70	70	0	0	0		Flying
Winter_2024_2025	HHVP13	27/11/2024	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Unsexed Adult	15:44	5	5	0	0	0		Hunting
Winter_2024_2025	HHVP13	27/11/2024	SN	Snipe	Gallinago gallinago	Red	No	1	Unsexed Adult	16:55	4	4	0	0	0		Flying
Winter_2024_2025	HHVP2	15/01/2025	SN	Snipe	Gallinago gallinago	Red	No	1	Unsexed Adult	14:57	9	4	5	0	0		Calls.
Winter_2024_2025	HHVP2	15/01/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Adult Male	15:06	15	4	11	0	0		Pair

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP2	15/01/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	85	Unsexed Adult	16:37	70	70	0	0	0	Heading to a roost lake/turlough	
Winter_2024_2025	HHVP3	16/01/2025	MA	Mallard	Anas platyrhynchos	Amber	No	1	Unsexed Adult	14:51	26	26	0	0	0	Flying	
Winter_2024_2025	HHVP3	16/01/2025	SN	Snipe	Gallinago gallinago	Red	No	2	Unsexed Adult	17:21	6	6	0	0	0	Flying and calling	
Winter_2024_2025	HHVP3	17/03/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Unsexed Adult	16:48	25	5	20	0	0	Flying	
Winter_2024_2025	HHVP4	20/11/2024	MS	Mute Swan	Cygnus olor	Amber	No	5	Unsexed Adult	14:14	18	18		0	0	Flying	
Winter_2024_2025	HHVP4	20/11/2024	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Unsexed Adult	15:23	17	17		0	0	Flying	
Winter_2024_2025	HHVP4	20/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	15	Unsexed Adult	16:07	50	50		0	0	Flying over	
Winter_2024_2025	HHVP4	16/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	15:26	20	3	17	0	0	Mobbed by RO	
Winter_2024_2025	HHVP4	16/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	17:15	9	9	0	0	0	Going to roost from perch on lamp post.	
Winter_2024_2025	HHVP4	17/03/2025	H.	Grey Heron	Ardea cinerea	Green	No	1	Unsexed Adult	17:42	47	47	0	0	0	Lands down by small pond	
Winter_2024_2025	HHVP4	17/03/2025	H.	Grey Heron	Ardea cinerea	Green	No	1	Unsexed Adult	17:47	36	36	0	0	0	Flying fast towards trees. Dog disturbance.	
Winter_2024_2025	HHVP4	17/03/2025	MA	Mallard	Anas platyrhynchos	Amber	No	1	Adult Male	18:04	14	14	0	0	0	Must be a drain or stream it dropped to	
Winter_2024_2025	HHVP5	19/12/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	Unsexed Adult	15:18	8	8	0	0	0	Flying	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP5	5/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	85	Unsexed Adult	16:04	190	190	0	0	0	Heading north to roost	
Winter_2024_2025	HHVP5	5/2/2025	MA	Mallard	Anas platyrhynchos	Amber	No	3	Adult Male	17:12	114	26	88	0	0	2 male chasing female	
Winter_2024_2025	HHVP5	5/2/2025	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	Adult Male	17:21	47	47	0	0	0	Heading straight for â€˜historic HH roostâ€™ area.	
Winter_2024_2025	HHVP5	15/03/2025	H.	Grey Heron	Ardea cinerea	Green	No	1	Unsexed Adult	16:25	32	32	0	0	0	Flying	
Winter_2024_2025	HHVP5	15/03/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Unsexed Adult	18:01	35	35	0	0	0	Flying	
Winter_2024_2025	HHVP6	5/2/2025	MA	Mallard	Anas platyrhynchos	Amber	No	3	Unsexed Adult	17:12	23	23	0	0	0	Flying	
Winter_2024_2025	HHVP6	5/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	80	Unsexed Adult	17:18	40	40	0	0	0	Flying	
Winter_2024_2025	HHVP7	29/10/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	8	Unsexed Adult	16:04	180	180	0	0	0	Flying	
Winter_2024_2025	HHVP7	29/10/2024	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	21	Unsexed Adult	16:21	50	35	10	5	0	Flying	
Winter_2024_2025	HHVP7	29/10/2024	MS	Mute Swan	Cygnus olor	Amber	No	2	Unsexed Adult	17:19	24	24	0	0	0	Flying	
Winter_2024_2025	HHVP7	15/12/2024	HH	Hen Harrier	Circus cyaneus	Amber	Yes	1	Adult Female	14:13	54	54	0	0	0	Ringtail hunting	
Winter_2024_2025	HHVP7	15/12/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	Unsexed Adult	14:28	20	20	0	0	0	Flying	
Winter_2024_2025	HHVP7	15/12/2024	WN	Wigeon	Anas penelope	Amber	No	60	Unsexed Adult	16:08	360	60	300	0	0	Disturbed by shooter	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP7	15/12/2024	H.	Grey Heron	Ardea cinerea	Green	No	1	Unsexed Adult	16:39	23	23	0	0	0	Flying	
Winter_2024_2025	HHVP7	18/02/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Unsexed Adult	14:06	16	16	0	0	0	Flying	
Winter_2024_2025	HHVP7	18/02/2025	K.	Kestrel	Falco tinnunculus	Red	No	1	Unsexed Adult	16:13	180	180	0	0	0	Displaying and calling	
Winter_2024_2025	HHVP7	18/02/2025	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Adult Female	17:26	7	7	0	0	0	Hunting	
Winter_2024_2025	HHVP7	18/02/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	17:37	55	55	0	0	0	Flying	
Winter_2024_2025	HHVP1	16/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	3	Unsexed Adult	14:28	32	32	0	0	0	,	
Winter_2024_2025	HHVP1	16/11/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	Unsexed Adult	14:39	21	21	0	0	0	,	
Winter_2024_2025	HHVP1	16/11/2024	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Adult Female	16:06	24	24	0	0	0	female, age undefined	
Winter_2024_2025	HHVP1	16/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	29	Unsexed Adult	16:23	91	76	15	0	0	,	
Winter_2024_2025	HHVP1	15/01/2025	PE	Peregrine	Falco peregrinus	Green	Yes	1	Unsexed Adult	15:48	31	31	0	0	0	,	
Winter_2024_2025	HHVP1	15/01/2025	T.	Teal	Anas crecca	Amber	No	6	Unsexed Adult	15:52	12	12	0	0	0	flying over open water	
Winter_2024_2025	HHVP1	15/01/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Unsexed Adult	16:20	24	24	0	0	0	male and female landing on open water	
Winter_2024_2025	HHVP1	15/01/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	90	Unsexed Adult	16:26	197	197	0	0	0	age and sex undefined	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP1	15/01/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	40	Unsexed Adult	16:35	124	124	0	0	0	age and sex undefined	
Winter_2024_2025	HHVP1	15/01/2025	ET	Little Egret	Egretta garzetta	Green	Yes	2	Unsexed Adult	17:40	13	13	0	0	0	age and sex undefined	
Winter_2024_2025	HHVP1	15/01/2025	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	40	Unsexed Adult	17:45	14	14	0	0	0	WS flying to roost on NW lake number estimated; too dark to see	
Winter_2024_2025	HHVP11	14/12/2024	ET	Little Egret	Egretta garzetta	Green	Yes	1	Unsexed Adult	15:32	67	67	0	0	0	,	
Winter_2024_2025	HHVP11	14/12/2024	SH	Sparrowhawk	Accipiter nisus	Green	No	1	Adult Male	16:04	36	36	0	0	0	showing undertail coverts, partial display	
Winter_2024_2025	HHVP12A	22/01/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	14:52	17	17	0	0	0	,	
Winter_2024_2025	HHVP12A	22/01/2025	T.	Teal	Anas crecca	Amber	No	7	Unsexed Adult	15:14	17	17	0	0	0	,	
Winter_2024_2025	HHVP12A	22/01/2025	MA	Mallard	Anas platyrhynchos	Amber	No	5	Unsexed Adult	15:15	19	19	0	0	0	,	
Winter_2024_2025	HHVP12A	22/01/2025	WN	Wigeon	Anas penelope	Amber	No	6	Unsexed Adult	16:03	174	174	0	0	0	3 males 3 females	
Winter_2024_2025	HHVP12A	22/01/2025	SN	Snipe	Gallinago gallinago	Red	No	1	Unsexed Adult	17:40	26	26	0	0	0	,	
Winter_2024_2025	HHVP12A	2/3/2025	K.	Kestrel	Falco tinnunculus	Red	No	1	Unsexed Adult	16:28	97	97	0	0	0	0	
Winter_2024_2025	HHVP12A	2/3/2025	T.	Teal	Anas crecca	Amber	No	14	Adult Male	16:33	15	15	0	0	0	flying from open water	
Winter_2024_2025	HHVP12A	2/3/2025	MA	Mallard	Anas platyrhynchos	Amber	No	2	Adult Male	17:36	28	28	0	0	0	male and female	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP12A	2/3/2025	WK	Woodcock	Scolopax rusticola	Red	No	1	Unsexed Adult	18:42	12	12	0	0	0	0	
Winter_2024_2025	HHVP16	7/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	250	Unsexed Adult	17:36	105	105	0	0	0	0	
Winter_2024_2025	HHVP16	7/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	110	Unsexed Adult	17:41	150	150	0	0	0	flying to roost	
Winter_2024_2025	HHVP16	7/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	126	Unsexed Adult	17:45	158	158	0	0	0	flying to roost	
Winter_2024_2025	HHVP16	7/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	150	Unsexed Adult	17:47	140	140	0	0	0	flying to roost	
Winter_2024_2025	HHVP16	7/2/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	103	Unsexed Adult	17:52	150	150	0	0	0	flying to roost	
Winter_2024_2025	HHVP17	27/11/2024	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	14:16	381	381	0	0	0	soaring, age and gender undefined	
Winter_2024_2025	HHVP17	27/11/2024	MA	Mallard	Anas platyrhynchos	Amber	No	8	Unsexed Adult	15:19	23	23	0	0	0	0	
Winter_2024_2025	HHVP17	27/11/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	8	Unsexed Adult	15:35	195	195	0	0	0	age and gender undefined	
Winter_2024_2025	HHVP6A	15/03/2025	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	43	Unsexed Adult	16:57	186	186	0	0	0	0	
Winter_2024_2025	HHVP6A	15/03/2025	MA	Mallard	Anas platyrhynchos	Amber	No	1	Adult Male	17:05	13	13	0	0	0	0	
Winter_2024_2025	HHVP6A	15/03/2025	H.	Grey Heron	Ardea cinerea	Green	No	1	Unsexed Adult	18:05	7	7	0	0	0	0	

Season	VP	Date	BTO	Species Name	Scientific Name	BoCCI	AnnexI	Quantity	Sex	Time	Duration_s	0-20m	20-50m	50-100m	100-200m	>200m	Bird Notes
Winter_2024_2025	HHVP8	29/10/2024	WS	Whooper Swan	Cygnus cygnus	Amber	No	8	Unsexed Adult	16:06	186	186	0	0	0	7 adults 1 juvenile	
Winter_2024_2025	HHVP8	29/10/2024	WS	Whooper Swan	Cygnus cygnus	Amber	No	29	Unsexed Adult	14:25	89	89	0	0	0	age and gender undefined	
Winter_2024_2025	HHVP8	29/10/2024	K.	Kestrel	Falco tinnunculus	Red	No	1	Unsexed Adult	16:54	32	32	0	0	0	,	
Winter_2024_2025	HHVP8	18/02/2025	WN	Wigeon	Anas penelope	Amber	No	140	Adult Male	16:37	436	436	0	0	0	possibly disturbed by raptor?	
Winter_2024_2025	HHVP8	18/02/2025	T.	Teal	Anas crecca	Amber	No	45	Unsexed Adult	16:40	50	50	0	0	0	possibly disturbed by raptor	
Winter_2024_2025	HHVP8	18/02/2025	BZ	Buzzard	Buteo buteo	Green	No	1	Unsexed Adult	17:34	121	121	0	0	0	0	
Winter_2024_2025	HHVP8	18/02/2025	K.	Kestrel	Falco tinnunculus	Red	No	1	Unsexed Adult	17:36	25	25	0	0	0	0	
Winter_2024_2025	HHVP12	2/10/2024	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	Unsexed Adult	18:10	35	35	0	0	0	age and gender undefined	
Winter_2024_2025	HHVP12A	2/10/2024	H.	Grey Heron	Ardea cinerea	Green	No	2	Unsexed Adult	18:15	42	42	0	0	0	flying	

FEHILY TIMONEY

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APPENDIX 13

Merlin results

Date	Transect	Location	Suitability & Habitat	Merlin notes	additional species notes
28/04/21	MLTR 1	MLTR1-1	single young dead pine		
28/04/21	MLTR 1	MLTR1-2	cluster of young dead pines together - all suitable perches		greylag goose pair calling overhead, possible nest site nearby
28/04/21	MLTR 1	MLTR1-2	calling from adjacent pond		
28/04/21	MLTR 1	MLTR1-3	cluster of young logepole pines by forest edge		
28/04/21	MLTR 1	MLTR1-4		large pellet on hummock in heath. - Sample 1	
28/04/21	MLTR 2		heather bog adjacent to forestry	pellet (possibly from LE) - Sample 2	
28/04/21	MLTR 2	MLTR2-1	several old stumps in middle of heath		
28/04/21	MLTR 2	MLTR2-2	old tree stump	old small raptor pellet and feather - Sample 3	
28/04/21	MLTR 3	MLTR3-1	tree stumps at start of MLTR3		
28/04/21	MLTR 3	MLTR3-2		various pellets with bones - possibly RN or a Raptor - Sample 4	1 snipe chipping in area
28/04/21	MLTR 4	MLTR4-1		Small raptor pellets at base of post - Sample 5	
28/04/21	MLTR 4	MLTR4-1		large pellet at base or adjacent post - Sample 6	
28/04/21	MLTR 4	MLTR4-1		Many RN pellets and feathers at bases of several posts all across bog/heath	
28/04/21	MLTR 5	MLTR5-1	perch, isolated young birch		
28/04/21	MLTR 5	MLTR5-2		many feathers of small passerine under plucking post, probably PW or similar - Sample 7	
28/04/21	MLTR 5	MLTR5-3	perch, isolated young trees at edge of raised bog		
28/04/21	MLTR 6		- very few obvious perches along this transect for ML		
28/04/21	MLTR 6	MLTR6-1	perch - isolated young pine by bog edge		
29/04/21	MLTR 7		many hummocks checked along both transects MLTR 7&8 too numerous to label		
29/04/21	MLTR 7	MLTR7-1	small tree and hummock		
29/04/21	MLTR 7	MLTR7-2	several suitable posts		
29/04/21	MLTR 8		many hummocks checked along both transects MLTR 7&8 too numerous to label		
29/04/21	MLTR 8	MLTR8-1	line of posts		1 buzzard
29/04/21	MLTR 8	MLTR8-2	isolated group of young pines		1 snipe chipping in area
29/04/21	MLTR9	MLTR9			
29/04/21	MLTR9	MLTR9-1	stump in heather		CU calling
29/04/21	MLTR9	MLTR9-2	isolated young trees on bot		
29/04/21	MLTR9	MLTR9-3	line of posts and occasional isolated small tree	no results	
29/04/21	MLTR10	MLTR10	many small trees and treestumps checked, too numerous to label	no ML evidence	BZ - 2 pair to perch
31/05/21	MLTR11	MLTR11			
31/05/21	MLTR11	MLTR11-1	good plucking perch posts	no samples found	BZ-1
31/05/21	MLTR12	MLTR12	transect runs along line of mounds put in over drains as part of peatland bog restoration	no samples found	

Date	Transect	Location	Suitability & Habitat	Merlin notes	additional species notes
17/06/21	MLTR1,2,3,4,5	MLTR1-4		Hummock checked, egg shell on one	SN drumming adjacent to west
17/06/21	MLTR1,2,3,4,5	MLTR 2-1& MLTR2-2	stumps in bog checked all around area - considered to be old Scots pine stumps		SN drumming adjacent to east - RN pellets and fox droppings found
17/06/21	MLTR1,2,3,4,5	MLTR 3-3	good perch on stump just off bog		single corvid pellet (not collected)
17/06/21	MLTR1,2,3,4,5	MLTR 3-2			
17/06/21	MLTR1,2,3,4,5	MLTR 4	posts and stumps across bog here checked		lots of RN & HC feathers, droppings, pellets under several posts
17/06/21	MLTR1,2,3,4,5	MLTR 4-1			SM dead at fencing line (probably flew into wire), stiff and uneaten, so probably recently killed - suspect this is a corvid pre/post muster site
17/06/21	MLTR1,2,3,4,5	MLTR 5, 5-5		Corvid or small Raptor pellet - contains bones and hair but pale colouring/fawn	
16/07/21				single pellet found (sample 7a)	
26/07/21	MLTR 1	MLTR1-4	hummocks	no signs	
26/07/21	MLTR 2	MLTR2-1&2-2	several stumps checked on bog, forest edge watched	small raptor pellet: sample 3a on same stump as sample 2	RN pellets found
26/07/21	MLTR 3&4		posts across bog checked		many RN pellets and moted feathers, considered this to be a roost site for many RN
26/07/21	MLTR 5			small pellet, very pale like corvid pellet but has bones and hair - sample 7B at site of sample 7&7a - looks like pellet sample 7a.	
4/28/2021	MLTR1			single young dead pine	

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APPENDIX 14

Kingfisher Results

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF1	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V. Good	Dry	F2-1 NE	Coolerny	0	0	0		52.7398050,-7.6904610	Down Stream overgrown along both banks, 1.5 m wide upstream as downstream 1.5m wide
KF2	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0	GL	52.722668,-7.678996	stone bridge. River 8-12m wide banks, mostly thickly vegetated GL considered nesting in bridge
KF2A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0	RB,MS,SN	52.722896,-7.685633	to 500m downstream from KF2
KF2B	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	2	0	0	SN,RB,MS	52.724307,-7.672514	two short stretches of clay bank on southern bank. River 10-15m wide. Mainly low grassy banks adjacent to GA1. MS on nest
KF3	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0		52.7025890,-7.7195282	stone bridge at Ballyduff
KF3A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0	MA	52.6985029,-7.7165410	to 500m downstream from KF3. wooded both banks, broad shallow stony substrate. No exposed vertical clay banks many perches specially under trees
KF3B	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0		52.706536,-7.722306	to 500m upstream from KF3. Heavily wooded both banks. Many perches
KF18	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	River Drish	2	0	0		52.668549,-7.636029	forestry tracks over river including 250m downstream. Banks unsuitable but several larger root plates along fast bank of falling poplar trees which can be utilised by KF for nest holes 6m wide river 1.5-2m vertical banks, view perches

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF5	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	Stream of R. Drish	0	0	0		52.691333,-7.746422	Bridge over stream
KF5A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	Stream of R. Drish	0	0	0		52.6876102,-7.748822	500m downstream from KF5. 2m wide stream. Wooded and thickly vegetated
KF5B	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Stream of R. Drish	0	0	0	BZ	52.6946181,-7.7438020	300m upstream from KF5. Narrow stream. Well wooded. Some steep clay banks but very overgrown
KF6	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Drish	0	0	0		52.703800,-7.639470	bridge for M8 over river. Low dense vegetated banks by WS1, GA1, WD1,
KF7	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Drish	0	0	0		52.695610,-7.632362	Bridge for old N8 over River. Also downstream for 350m water clogged with thick vegetation, low grassy shallow banks
KF8	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Drish	0	0	0	GL	52.694678,-7.631723	Bridge at 'mary willies' pub adjacent to KF7. 250-300m upstream. Both upstream and downstream similar to KF7. Considered nesting in bridge
KF9	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	No Name	0	0	0		52.688851,-7.661952	Bridge for old N8 at southern end of proposed cable route for bog track and drain
KF9A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Bog Drain	0	0	0		52.6926562,-7.6648354	includes walk north to wide bog drain under M8 motorway. Dense scrub vegetation and WN7 including gorse both banks
KF10	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Stream under N8 and old N8	0	0	0		52.676545,-7.671426	very narrow steam less than 1m wide
KF11	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Clover River	1	0	0		52.6692536,-7.6835079	Bridge at N8 over clover River stream, 4-4m wide, brown water, some clay steep banks

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF11A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Clover River	0	0	0		52.662427,-7.683681	800m upstream from KF8. Banks recently widened and scraped by GA1 tree line on west bank
KF12	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	Two Mile Borris Stream (Black Stream	0	0	0	PW	52.6545550,-7.7107130	ca. 4m wide, brown water, WN7 and WS1 both banks and very dense
KF13	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Breagagh	0	0	0		52.637196,-7.741852	bridge for N8 well wooded banks plus gaps of low banks at GA1 to 300 upstream 2-5m wise, brown water
KF14	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Breagagh	0	0	0		52.628330,7.742878	bridge for L4101 road upstream from K13 same habitat as at KF13 - well wooded WL2/WN5
KF8A	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Drish	0	0	0		52.690203,-7.628289	similar habitat to KF 7 and KF8
KF15	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Breagagh	0	0	0		52.615468,-7.713910	Bridge at chapel hill. Similar habitat to KF13 and KF14. narrow, vegetated and covered over
KF16	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	V.Good	Dry	F2-1 NE	River Breagagh	0	0	0		52.603556,-7.684471	at Killeens and walk 300m downstream. Narrow stream 2-3m wide. Stretches of steep clay bank, sandy substrate, clear water
KF17	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	River Drish	2	0	0		52.673510,-7.633906	forestry tracks over bank. Low banks 1m high and very grassy, not suitable for nest holes. Root plates
KF18	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0			52.66855 -7.63603
KF18	#######	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish					52.66855	-7.63603

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF19	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Gortnahbo Stream	0	0	0		52.661141,-7.609322	Road bridge over narrow stream 1-2m side. Slow vegetated flow, low banks 1-1.5m high
KF20	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Bouliae Stream	0	0	0		52.6597595,-7.6135173	bridge over v. narrow stream
KF21	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Drish 16	0	0	0		52.648402,-7.609294	overgrown v. narrow stream less than 1m wide
KF22	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Old Deer pk Stream	1-Feb	0	0		52.653526,-7.634818	2-3m wide, banks 1.5-2m high, becomes highly vegetated and narrow upstream
KF22A	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Old Deer pk Stream	2	0	0		52.6575510,-7.6342150	Downstream 500m from KF22 to foot bridge: - few sections of vertical clay bank more than 2m high but no isolated perches. Becomes densely vegetated further downstreams towards KF18A. Gravel substrate. Plenty of submerged vegetation
KF23	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Old Deer pk Stream	0	0	0		52.644776,-7.637813	Strem now just a trickle and overgrown, less than 1m wide
KF24	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Glencoole stream	0	0	0		52.620470,-7.656674	bridge over stream = no water found
KF25	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Two Mile Borris Stream (Black Stream	0	0	0		52.630212,-7.667718	too narrow and overgrown
KF26	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Two Mile Borris Stream (Black Stream	0	0	0		52.627436,-7.683905	very narrow and overgrown, no vertical banks
KF27	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Two Mile Borris Stream	0	0	0		52.626094,-7.688365	culverts over stream in bog:- heavily vegetated c. 2m wide, runs into

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
									(Black Stream						north glencoole stream
KF28	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	NTH Glencoole	0	0	0		52.624239,-7.690038	steep banks but too heavily vegetated - no exposed clay
KF29	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Black River	2	1	0		52.6325960,-7.7059500	downstream very wooded with WN5 and WL2. Upstream - open steep sided banks. KF perched at 52.631343,-7.763648 and passes observer twice = considered holding territory
KF18	17/05/24	BP	17:50	20:45	8	V. Good	Dry	F1 NE	River Drish	2	0	0			
KF30	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Black River	0	0	0		52.639760,-7.7106980	north and downstream of KF29. bridge over river in GA1, now vegetated grassy banks, wide well dredged but now heavily vegetates. Slow flow and some phragmitis river continues unsuitable to KF12.
KF8A-1	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	2	0	0	WP, WR, B., ST, CT, SK, CA, GT, BC, WW, BF, WH, LR, MG, HC, RO, GO, SL, RB, D.	52.6824881,-7.6310731	Foot Bridge Perch, nice steep clay banks, sort section of exposed clay for next holes, river narrows and runs faster here
KF8A-2	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	1	0	0		52.6792095,-7.6314811	High clay vertical banks here but river vegetated and mostly low vegetated banks upstream
KF8A-3	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	1	0	0		52.675334,-7.631729	good perches from fallen poplars across river but banks v. low and grassy
KF8A-KF17	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	0	0	0			wider stretches of unvegetated clearer water but banks too low with dense sward

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
															for nesting opportunities
KF17-KF18	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	0	0	0			river similar to stretch from KF 8A to KF17
KF18	3/6/2024	BP	8:10	10:45	8	V. Good	Dry	F3	River Drish	2	2	0	GS - calling several times during KF stake out. Considered GS nest site has moved to KF 18 area and no longer by WPC4/start of LiT3 in Scots pine	1. KF perched on suitable perch 100m downstream - 2. 2nd KF joins perched bird from culvert bridge at KF18. Bot male and female perch together interacting 3. pair fly back over culvert bridge and on up stream	
KF18 to KF 18-1	3/6/2024	BP	8:10	10:45	8	V. Good	Dry	F3	River Drish	2	0	0	BZ; H	walk upstream but extremely overgrown now with no horses here in 2024, walk to KF18-1. no sign of KF	
KF18-1	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	2	0	0		52.6643526,-7.6310469	section of high vertical clay bank, faster running shallow water where Drish River joins old Deer Park Stream
KF29	15/06/21	BP	18:20	19:30	8/8-7/8	V.Good	Dry	F3 SSW	Black River	2	0	1	PW, SL, B., R.	No KF seen at or near known active nest hole	
KF18-1	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	junction of River Drish and old deer park stream	2	0	0			52.66435 -7.63105
KF18-1 to KF18A	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	0	0	0			River is a Narrow densely vegetated stream here with lots of reed and unsuitable for KF
KF8	9/7/2021	BP	6:30	9:55	8-Aug	V.Good	Dry	F0-1 S	River Drish	0	0	0			very overgrown
KF8A-KF8A-3	9/7/2021	BP	6:30	9:55	8-Aug	V.Good	Dry	F0-1 S	River Drish	2	0	0	BT,WH,BC, WW, B., D., WR, WP	(including stake out at KF 8A-2) Very little open water left as largely overgrown with bank and emergent vegetation - considered much less suitable for KF to fish	
KF2 to KF2b	25/07/21	BP	18:25	21:40	2/8-1/8	V.Good	Dry	F1 W NW	River Drish	1	0	0		52.72393,-7.667305	including short stake outs at good KF perches at 2b-1very vegetated with little open water further upstream

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF2 to KF2b including short stake outs at good KF perches at 2b-1	25/07/21	BP	18:25	21:40	2/8-1/8	V.Good	Dry	F1 W NW	River Drish	1	0	0	SW - 1, RB - 2, WR - 2, CH - 2, TS - 1 (scarce species here)	52.724471,-7.668266	including short stake outs at good KF perches at 2b-1 bridge across river
KF2 to KF2a	25/07/21	BP	18:25	21:40	2/8-1/8	V.Good	Dry	F1 W NW	River Drish	1	0	0			(including stake out at good perch at KF2a) - very overgrown along this stretch of river
KF14	13/05/22	BP	5:50	8:04	8-Apr	V. Good	Dry	F2-4						no target species	
KF14	20/04/24	BP	18:30	20:20	6	V. Good	Dry	F0	River Breagagh			MA - 1 female on stream			
KF16	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Breagagh	1	1	0		KF flies off downstream from low perch	52.60354	-7.68447
KF16	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Breagagh	1	0	0				
KF16 to KF16A	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	River Drish	1	0	0	Nil			
KF16-1	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Breagagh	1	0	0		perch between KF16 and KF16A very suitable for KF and close to where KF was seen and stake out for short period but KF does not return	52.60368	-7.6853
KF16-16A	20/04/24	BP	18:30	20:20	6	V. Good	Dry	F0	River Breagagh	1	0	0	SN - 2 rising and calling from GS4 adjacent			

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF16A	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Breagagh	1	0	0	PW-1	perch and bank suitable for nest for short stretch	52.60452 -7.68787
KF16b-KF16a	########	BP	19:15	21:05	8-Jan	V. Good	some rain	F2	River Breagagh	1	0	0	no target species	cattle have regular and direct access into stream	
KF16-KF16A	########	BP	6:00	11:10	0-8	V. Good	Dry	F1-3 NW	River Breagagh	1	0	0	BZ-1, BC, WW, ST, WP, WR, B., R., PH, WH, GC, JD, RO, HC, GT, CH, SK, D., CC	No KF sighting - limited access downstream beyond KF16A	
KF16-KF16B	########	BP	6:00	11:10	0-8	V. Good	Dry	F1-3 NW	River Breagagh	1	0	0		upstream from KF16 - limited access to view stream all along - v. overgrown with riparian trees and scrubs - some suitable vertical banks for nesting	52.60472 -7.68035
KF17	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	1	0	0			52.67351 -7.63391
KF17	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish					52.67351	-7.63391
KF17	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	2	0	0	MA-7		52.67351 -7.63391
KF17	17/05/24	BP	17:50	20:45	8	V. Good	Dry	F1 NE	River Drish	2	0	0			
KF17	3/6/2024	BP	8:10	10:45	8	V. Good	Dry	F3	River Drish	2	0	0			
KF18-17	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	2	1	0		KF perched at culvert bridge of KF17, flied downstream - popular root plate adjacent and possible nest hole	
KF18A	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	River Drish	2	0	0		52.6626020,-7.6309950	upstream from KF18 to 700m. Similar habitat to downstream. Where Drish meets old deer park stream banks are 2m high and vertical and suitable - less densely vegetated with some WS1. Less

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
															suitable for upstream from KF18A	
KF18-A	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0		lots of polar tree root plates suitable as KF nest sites close to riverbank	52.6626	-7.631
KF18-KF18-1	4/6/2021	BP	6:30	11:50	1/8-3/8	V.Good	Dry	F2-3 S	River Drish	2	0	0			Banks low with dense sward but several poplar roost plates providing nest opportunities. River becoming vegetated	
KF29 to KF29A	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	River Breagagh	2	0	0	MA-3 (female and 2 juv.), WA, CC, BF, s., HM, SL			
KF29-29A	18/06/21	BP	5:40	11:00	0/8-4/8	V.Good	Dry	F0-1 N-NNE	Black River			MA-1, PW-2	(including stake out at nest) PW pair at KF nest hole, kf vacated or fledged and PW taken over			
KF29A	3/4/2021	BP	7:15	14:20	0/8-2/8	V.Good	Dry	F0-2 NE-E	Black River	2	0	0		52.6304285,-7.6977810	upstream from KF29 with many nest hole opportunities and perches	
KF29A-1	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW		2	0	0	MA-3, GP-12, CU-1	circling over adjacent Ga1 (previously GS4) heard once - suitable foraging in GA1. heard during KF survey here in 2021	52.62826	-7.69403
KF2	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	1	0	0	GL-1	GL present by bridge in 2021 also	52.72267	-7.679
KF2	########	BP	6:05	9:15	7-Mar	V. Good	Dry	F3-4 W	River Drish	1	0	0	GL - 1	under bridge holding territory - male		
KF2	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	1	0	0		walk to KF2A	52.72267	-7.679
KF2	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	1	0	0			52.72268	-7.679
KF2	########	BP	12:30	13:50	5-Mar	V. Good	Dry	F2 NNE	River Drish	1	0	0				
KF2	24/04/24	BP	18:40	21:10	7-Jun	V. Good	Dry	F1-2 NW	River Drish	1	0	0	MS - 1 on nest; MA - 1			

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
KF20	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	Boulige Stream	1	0	0		banks clearer than in 2021 - could hold KF, banks possibly not so suitable for nest hole	52.65976	-7.61352
KF20	########	BP	6:00	11:10	0-8	V. Good	Dry	F1-3 NW	Boulick stream				no target species			
KF22-KF22A-18A	########	BP	6:00	11:10	0-8	V. Good	Dry	F1-3 NW	Deerpark stream	1	0	0	MA - male, BZ - 2, Y. - 1 male, CC, WH, WP, ST, R., B., CH, BC, SK, CT, M., D.	on access road to KF22 - stream even more vegetated than visit in April 2021, eutrophic, mostly unsuitable for foraging KF. - some open water and riffles - some steep clay banks		
KF24	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	Glencoole Stream	0	0	0		stream still dry here	52.62047	-7.65668
KF27	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	Black River/Two Mile Borris stream	0	0	0			52.62609	-7.68837
KF28	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW		0	0	0			52.62424	-7.69004
KF29	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	Black River	2	0	1	GL-1, PW- 2	PW nesting again in KF nest hole 2021 when KF vacated nest hole and was occupied by PW for their 2nd brood	52.63257	-7.70595
KF29	15/04/23	BP	18:15	20:00	8	V. Good	Dry	F3 S	North Glengoole	2	0	0	SH	site of KF nest 2021 - Cattle still have regular access to stream by KF nest location 2021 and access up stream of nest site		
KF29-KF20A	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW		2	0	0	GL-2	male and female, suitable KF perches all along this stretch including iron footbridge GL pair end up at high bank at stake out		
KF29-KF29A	########	BP	18:40	20:35	4-Feb	V. Good	Dry	F3-4 NW		2	0	0	GL - 1	more cattle with direct access to stream and on previous visits		
KF29-KF29A	24/04/24	BP	18:40	21:10	7-Jun	V. Good	Dry	F1-2 NW	North Glengoole	2	0	0	RN - at active nest in nearby sots pone	stream very overgrown in 2024. no sign of KF at and close to 2021 nest site - cattle have more access to stream - still several suitable perches remain		
KF4	2/4/2021	BP	7:50	17:45	1/8-7/8-0/8	Good-V.Good	Dry	F2-1 NE	River Drish	1	0	0		52.708886,-7.718328	North of KF3B. WN vegetated banks	

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
															adjacent to WD4, GA1, WD1, WN5	
KF4	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Drish	1	0	0			52.70889	-7.71833
KF2A	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	1	0	0	SN-1	SN flushed at river edge	52.7229	-7.68563
KF2A	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	1	0	0	H. - 1, SW, BC	52.7229	-7.68563	
KF2-KFB	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0	SN-2, MS-2	SN flushed at river edge and from adjacent GS4 pair. MS female on nest	52.72437	-7.67251
KF3	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Drish	1	0	0			52.70259	-7.71953
KF3	########	BP	12:30	13:50	5-Mar	V. Good	Dry	F2 NNE								
KF31	13/05/22	BP	5:50	8:04	8-Apr	V. Good	Dry	F2-4	new drainage channel south of south lake by VP14/6	2	1	1		KF adult first seen at 52.663995,-7.652594 - stake out at culvert to the south	52.66057	-7.65227
KF31	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	new drainage channel by VP14/6	2	0	1	PW-4 (2 ad. 2 juv.)	almost no running water left in drain and mostly still tiny pools, of PW, adults appear to at least check out KF nest, during stake out	52.66057	-7.65227
KF31	5/7/2022	BP	6:40	10:15	8	V. Good	Dry	F2-3	Drain from South Lake	2	2 to 3	1	GL-1, PW - 3	more water in drain and water moving as drain has been deepened and digger has destroyed west bank and south half of east bank and therefore the KF nest however, KF relocated to c. 60m north of destroyed nest with much activity - parent birds brining in food to nest - also possibly 3rd KF seen - probably from 1st brood but distant and could not be aged		
KF31A	13/05/22	BP	5:50	8:04	8-Apr	V. Good	Dry	F2-4	new drainage channel south of south lake by VP14/6					KF adult returns and catches fish and goes to nest	52.66537	-7.6531

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
														at 52.663645,-7.652287		
KF31A	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	Black River					52.66537	-7.6531	
KF31b-Kf31-KF31A	########	BP	5:10	8:00	8	Moderate	Dry with early mist	F1-2 N	Channel dug out and deepened to drain lakes to the north	2	0	0	T. - 1 female feeding in channel; SN - 1 chipping by KF31b; CK; WH; WW; BC; ST; PH; B.; WR; HC; R.; RB; SW; MP; LR; LI	Site of KF nest 2022	52.65976	-7.65243
KF31-KF31A	26/03/23	BP	6:50	9:55	8	V. Good	Dry	F2 NNE	N/A	2	0	0	PW - 2 (male and female); GJ - 4; GG - 2 (male and female); MA - 2; MH - 2; LG1; T. -2 (PW pair close to KF Nest hole 2022 - further and resent earth works in and around channel may have disturbed KF from nesting here again - steep banks with overhangs have collapsed into channel over the winter)	site of KF nest in 2022 - PW pair close to KF Nest hole 2022 - further and resent earth works in and around channel may have disturbed KF from nesting here again - steep banks with overhangs have collapsed into		
KF31-KF31A	27/03/24	BP	6:15	9:25	8-Jun	V. Good	some drizzle	F2-3 SE		2	0	0	MA - 4; H. - 1; PW - 2; LG - 2	site of KF nest in 2022. pied wagtail appeared to be using drain sides to nest in but downstream from 2022 KF nest site - KF nest site has fallen away - steep sides of this drain deepened in 2022 have fallen in bit by bit. Less nest opportunities now for KF. Also rush and other vegetation have grown up along channel		
KF31-KF31A-KF31B	1/6/2024	BP	19:15	21:00	0	V. Good	Dry	F1-2 N		2	0	0	BH - 3; H. - 1; (fly overs)	still no KF recorded - last try here - no luck		
KF32	20/06/24	BP	7:45	9:40	7-Jan	V. Good	Dry	F1 SW	Drain between VP12 & VP11	2	0	0		Good perches. Permanently running water from land adjacent -KF	52.73635	-7.63906

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
														seen flying low 250m to south on 17/5/24 close to VP12 during 3 hour VP watch		
KF3-3A	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	River Drish	1	0	0	HS, CD, SL, HM, BC			
KF3A	2/4/2022	BP	7:05	13:30	7-Apr	V. Good	occ. Showers	F1-3 NW	River Drish	1	0	0	Y - 12	feeding in BC3 adjacent to river	52.6985	-7.71654
KF3-KF3A	24/04/24	BP	18:40	21:10	7-Jun	V. Good	Dry	F1-2 NW	River Drish	1	0	0	MA - 2 male and female; SL - 3			
KF4	19/06/22	BP	6:50	14:00	8-Jul	V. Good	Dry	F3 NW	River Drish	0	0	0	MS-7 (2 ad, 5 juv.)			
KF4	########	BP	12:30	13:50	5-Mar	V. Good	Dry	F2 NNE	River Drish	1	0	0				
KF4	24/04/24	BP	18:40	21:10	7-Jun	V. Good	Dry	F1-2 NW	River Drish	1	0	0				
KF6A	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish					52.7271	-7.64892	
KF6A	########	BP	6:05	9:15	7-Mar	V. Good	Dry	F3-4 W	Bawnmore	2	0	0		channel and wide drains with good banks at SW corner of Bawnmore within at away	52.7271	-7.64892
KF6A - KF6B	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0	SN-1, GE-1, CT, WR	SN flushed, GE flushed - considered still overwintering or on migration		
KF6B	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish					52.71783	-7.64776	
KF6B	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	Bawnmore	2	0	0			52.71783	-7.64776
KF6C-KF6A	########	BP	6:05	9:15	7-Mar	V. Good	Dry	F3-4 W	River Drish	2	0	0	MS - 3, MA-2, H. -1, SW, BC, RB, MA, ST, WR, R., B., CH, WW, WP, HC, LR, LI, SC, CC	52.70698	-7.64592	
KF6C	########	BP	6:05	9:15	7-Mar	V. Good	Dry	F3-4 W	Bawnmore	2	0	0	SN - 1 chipping, also RB, CK, SW, BC, CR, SK	52.72092	-7.65277	
KF6C	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	Bawnmore	2	0	0	MA-4		52.72092	-7.65277

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference	
KF6	18/06/21	BP	5:40	11:00	0/8-4/8	V.Good	Dry	F0-1 N-NNE	River Drish	0	0	0			at central section either side of the KF sighting on the 1st of May 21, Suitability of river diminished with 80-90% submerged and emergent vegetation with in river along section walked - including stake out at suspected nest hole in poplar root plate - no KF sightings	
KF6c-KF6d	1/6/2023	BP	19:00	21:50	0			F2-3 NNE					SN - 1 rising and calling; SN - 2 chipping by largest settling pond; LG - 4 including 3 chips; MA - 1; MH - 1; BH - 2	some recent dredging or silt/settling ponds creating some suitable nest hole habitat in vertical banks	52.72124	-7.65483
KF7	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	0	0	0		bridge for old N8 trunk road, worth checking	52.69561	-7.63236
KF7	#######	BP	6:00	11:10	0-8	V. Good	Dry	F1-3 NW	River Drish				no target species			
KF7	#######	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	0	0	0	MS-1		52.69561	-7.63236
KF7	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	0	0	0			52.69561	-7.63236
KF7	#######	BP	12:30	13:50	5-Mar	V. Good	Dry	F2 NNE	River Drish	0	0	0				
KF7	17/05/24	BP	17:50	20:45	8	V. Good	Dry	F1 NE	River Drish	0	0	0				
KF8	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	0	0	0			52.69468	-7.63172
KF8	#######	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	0	0	0			52.69468	-7.63172
KF8	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	1	0	0		open pool of water by bridge created by cattle with access to river	52.69468	-7.63172
KF8	#######	BP	12:30	13:50	5-Mar	V. Good	Dry	F2 NNE	River Drish	1	0	0	GL - 1 male - nesting in bridge			

No.	Date	Surveyor	Time start	Time end	Cloud	Visibility	Rain	Wind	Name of River/Stream	KF No	Nesthole	Other Species	Notes	Grid Reference	Grid Reference
KF8	17/05/24	BP	17:50	20:45	8	V. Good	Dry	F1 NE	River Drish	0	0	0	GL - 2 (pair by suspected nest under bridge		
KF8A-1	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	2	0	0	BZ-1, CC, BC	more poplar root plates near KF8A-3	52.68249	-7.63107
KF8A-3	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	2	0	0	BF, LR		52.67533	-7.63173
KF8A-1	########	BP	6:10	12:35	8-May	V. Good	occ. showers	F2-4	River Drish	2	0	0	HM, SL		52.68249	-7.63107
KF8A-1	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	2	0	0			52.68249	-7.63107
KF8A-KF17	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0			52.68249	-7.63107
KF8A-1	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0		high clay banks and footbridge perch	52.68249	-7.63107
KF8A-2	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0		high clay banks	52.67921	-7.63148
KF8A-3	7/4/2022	BP	7:00	14:20	0-8	V. Good	occ. Hail showers	F3-5 W	River Drish	2	0	0		good perches over stream	52.67533	-7.63173
KF8A-3	6/7/2022	BP	5:50	9:10	8	V. Good	Dry	F2-3 NW	River Drish	2	0	0			52.67533	-7.63173
KF8A-KF8A-3	17/05/24	BP	17:50	20:45	8	V. Good	Dry	F1 NE	River Drish	2	0	0	pine marten seen on track by stream			

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 15

Barn Owl Results

No.	Date	Suitability	Nesting Opportunity	Active	Notes
2021					
1	17/05/21			2	isolated barn and shed
2	17/05/21			2	isolated barns
3	17/05/21			2	derelict farm cottage, barns and sheds
4	17/05/21				derelict farm cottage and several barns and sheds including some across the road
5	17/05/21	3	1,2,5	0	derelict stone slate rooved barn, known site since 2017
6	17/05/21	3	0 including 7	1	many stone barns and derelict small farm house
7	17/05/21	2	1,5	1	two stone houses very dilapidated now, anecdotal
8	17/05/21	1	2,5	2	report of BO in situ here previously, stone building, mostly bartered up
9	17/05/21	2	0	2	derelict Farm house, several large barns
10	17/05/21	3	0	2	Littleton briquette factory - several outbuildings now largely abandoned
11	17/05/21	2		2	derelict cottage
12	17/05/21	3	0	1	2 story derelict farm house, stables and barns
13	18/05/21	2			abandoned cottage
14	18/05/21	2	0	2	cluster of stone farm buildings mainly derelict
15	18/05/21	3	0	2	derelict 2 story farm house and barn and shed
16	18/05/21	3	0	2	derelict 2 story farm house and out buildings isolated
17	18/05/21	3	1,2	2	abandoned farm cottage isolated , GAI and BCI all around undisturbed
18	18/05/21	3	0	2	Boulig Castle and frittered house and graveyard, also
19	18/05/21	3	0	2	abandoned farm cottage, farms and stone sheds in use

No.	Date	Suitability	Nesting Opportunity	Active	Notes
20	18/05/21	3	0	1	2 story derelict farm house , anecdotal sighting early, abandoned barns
21	18/05/21	2	5,2		2021 and various sightings during winter, no derelicts but 'white wash' evident
22	19/05/21	2		2	derelict cottage, isolated
23	19/05/21	1		2	isolated barn
24	19/05/21	2		2	unused old barns and sheds by farm house
25	19/05/21	2		2	selection of barns and stone sheds
26	19/05/21	2	0	2	abandoned farm cottage and some barns
27	19/05/21	3	0	2	abandoned farm cottage with several outbuildings and barns
28	19/05/21	2		2	derelict small farm cottage and barns and sheds, no access
29	19/05/21	2		2	derelict small farm cottage, sheds and small barn
30	19/05/21	3	1,2,5	1	isolated derelict cottage, occupied 2 years ago before rook partially replaced, not seen since then
31	19/05/21	2		2	various stone period out buildings amongst active farm
32	19/05/21	2		2	derelict cottage
2022					
20	21/06/22		1		abandoned 2 up 2 down farmhouse withing active farmyard (BO sighting of adult in 2021)
20	21/06/22		1	yes	barn owl chicks 'snoring' from nest inside farmhouse - continues until watch end - no adult seen or heard. This is the begging call of BO chicks.
8	22/06/22	1	1,5	1	several abandoned barns, sheds and old stone and slate barn but no access to this
12A	22/06/22	3	0	1	various period stone building and bridge, newer iron barns, various sheds and mature trees

No.	Date	Suitability	Nesting Opportunity	Active	Notes
12A-1	22/06/22	3	6	1 or 0	pellets, but old under beech with tree cavity and small amount of whitewash on trunk, sample 1
11A	22/06/22	2	2	2	old iron barn, stone farm sheds, full access not possible
11	22/06/22	2	1,2,5	1	derelict cottage
10	22/06/22	2 or 3	0	1+2	many buildings of old BnM briquette factory, only access to a few buildings
34	22/06/22	3	0	1	anecdotal sighting and heard in 2022. various barns and abandoned semi-derelict farmhouse
32	22/06/22	2	1,2,5	1	derelict cottage, close to BO3 (historic BO site)
3	22/06/22	3	0	1	historic BO site; some disturbance and clearing of adjacent stone barns recently JD in chimney mature BO used to nest
33	22/06/22	2	5	1	derelict stone and iron roof cottage, near BO3
31	22/06/22	3	0	1	old stone large period farm buildings and several iron barns and stone sheds and mature trees, anecdotal sightings and calls heard over previous years.
4	17/07/22	1	1	1	derelict cottage - well locked up, chimney possible. Iron barn adjacent, no access into cottage
17	17/07/22	2	1,2	1	abandoned cottage - very isolated surrounded by trees, iron barn adjacent, great attic space for BO - no evidence
16	17/07/22	2	1,2,5		abandoned farm house, locked but upstairs windows open for BO access, other stone sheds suitable too
15	17/07/22	2	1,2	1	Farm house becoming derelict, but suitable
14	17/07/22	1	5	1	very derelict, probably roost only in Iron barn
19	17/07/22	3	1,5,2	1	stone sheds suitable, old cottage locked up, no access
21	17/07/22	1	5	1	barns now in use since 2021 survey
26	17/07/22	2	0	1	several ideal BO nest opportunities. No evidence found

No.	Date	Suitability	Nesting Opportunity	Active	Notes
25	17/07/22	3	5,2	1	suggested to owner to open small window in closed barn/old house with v. suitable roof space
24	17/07/22	3	0	1	abandoned farm house v. suitable and stone iron roofed from sheds
22	17/07/22	3	2,5	1	ideal, isolated, good roof space in attic.
30	17/07/22	2	2,1,5	1	anecdotal evidence - BO formerly nested
29	17/07/22	2	1,2,5	0-2	5 separate stone derelict farmhouses and sheds. Buildings access limited
28	17/07/22				
27	17/07/22	2	1,5	1	abandoned farm cottage - no access. Various farm buildings and barns suitable too
2023					
1	29/05/23				BO adult call tice - site occupied - fledgling heard and adult seen on 21/6/22
5	2/6/2023				Known BO site occupied for several years prior - roof now taken away from stone barn - several sheds and barns adjacent - no target species
20	13/06/23				no target species - returned to monitor breeding success and listen for evidence of juveniles but all quiet
20	5/7/2023				at 22:48 a BO adult flies in from field past house (nest site 2022) and towards trees adjacent a known perch/roost location - territory occupied.
22	16/06/23	3	2,5	1	isolated stone cottage, ideal
24	16/06/23	3	0	1	old farm house, barn and sheds
25	16/06/23	3	0	1	several barns and shed and old stone cottage with ideal access to house in chimney stack
25A	16/06/23	2	0	1	barns and stone cottage - would be highly suitable but cottage and interior cleared in recent years
27	16/06/23	2	1,5	1	barns and sheds. Cottage windows boarded over

No.	Date	Suitability	Nesting Opportunity	Active	Notes
30	16/06/23	3	1,2,5	1	isolated stone cottage, re-roofed recently but still good roof spaces left. Very undisturbed
11A	16/06/23	3	5,7	1	old barn owl nest box in barn now with hen farm. Also stone sheds suitable
12A	16/06/23	3	0 including 6	1	several ancient trees checked. BO seen by owner in march/April 2023 hunting in barn also reports from others of owls seen locally
6	16/06/23	3	0	1	abandoned 2 story dwelling HSE and several stone sheds. Very suitable
31	5/7/2023	3	2,5	1	several stone barns and modern iron barns
3	5/7/2023	2	5,1	1	formally BO site - cottage blocked off and stone barns cleared out - active farmyard
34	5/7/2023	3	0	1	various farms and semi-derelict farm house perfect site - no luck
12	5/7/2023	3	2	1	very dry, several good BOI access points
5	5/7/2023	2	?	1	visited to see if any BO nest box or sightings lately as this is an historic nest location but roof of slate and stone shed now removed
17	5/7/2023	3	2,1	1	perfect site - dry, good, dark attic/ roof space - crop fields all around
18	5/7/2023	3	0	0	fortified house and graveyard, on rooved with good small access points, main building in ruin
19	5/7/2023	3	1,5,2	2	no access possible into buildings
2024					
20	16/04/24				no BO heard or seen - site of adults and chicks in June 2022 plus adults recorded twice in 2023
20	17/05/24				No BO seen or heard from this historic nest site in 2 up 2 down abandoned farm shed
12A-3	19/06/24				beech tree nature within tree line along road with 2 fairly small houses to cavity within the trunk - site suspected as anecdotal sightings and possible chicks heard previously by locals 1. 22:33 hrs. H. flies by going to roost 2. 22:52 BO adult flies in straight to tree and

No.	Date	Suitability	Nesting Opportunity	Active	Notes
					suspected nest site calling several times 3. 23:12 BO calls from further away several more times - territory occupied
20	10/7/2024				brief visit only to try and get lucky. Suspect bad luck on previous 2 visits in 2024. there are 4 upstairs window exists from nest site in roof space so perhaps birds missed or site has been abandoned - inconclusive
12A-3	14/07/24				back at beech tree where adult seen and heard on 19/06/24. 1. 22:48 distant BO call just the once - no chicks calling or 'snoring' from suspected nest tree - inconclusive bot probably occupied
20	31/07/24				1. 22:18 - H. going to roost. No BO seen or heard - definitely last try here - appears to have abandoned this site or has died - still extremely suitable
12A	19/06/24	3	0	1	Period stone building including brick chimney. Iron barns and various sheds. Suitable mature trees
12A-1	19/06/24	2	6	1	beech tree. Pellets found in 2022 survey
12A-2	19/06/24	2	6	1	old sweet chestnut and mature trees adjacent
12A-3	19/06/24	3	6	2	beech with suitable entrance hole - BO heard recently by neighbours
12	19/06/24	3	0	1	highly suitable attic space of this isolated abandoned farmhouse surrounded by mixed farming
11A	19/06/24	2	5 (7)	1	BO nest box there put up by previous owners
34	19/06/24	3	0	1	various barns and abandoned farm house (GL in farm yard foraging)
32	19/06/24	2	1,2,5	1	abandoned cottage, roof and attic intact
3	19/06/24	1	1,5	1	historic BO site, abandoned cottage now well boarded up, no access inside
31	19/06/24	3	0	1	spoke to owner who used to hear them regularly but not heard in last 2-3 years

No.	Date	Suitability	Nesting Opportunity	Active	Notes
30A	19/06/24	3	0	1	various stone sheds and barns, iron barns, 2 abandoned houses. Limited access available
12B	17/07/24	2	1	1	old iron barns and round tower folly in ruin with suitable chimney shute. 12B is in same direction as BO adult flew from on 19/6/24
6	17/07/24	3	1	1	derelict farmhouse highly suitable
5	17/07/24	0	8	1	- inside stone barn former BO site now torn down
17	17/07/24	3	1,2	1	remains perfect site - great dry attic space surrounded by crop fields. Active BZ nest adjacent. KI. Calling at road above site
20	17/07/24	3	1,2	2	Known BO site. Visits at in 2024 recorded. No BO to date.
27	17/07/24	2	1,5	1	full access not available. Several farm buildings of stone and iron. ;plus abandoned farm house
25A	17/07/24	2	1,2	1	roofs of some stone farm buildings removed area around buildings cleared, disturbance
25	17/07/24	3	0	1	several barns and sheds old stone cottage with ideal access to house in chimney stool
24	17/07/24	3	0	2	old farm house, barn and sheds, no access available into farm house only

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 16

Black-headed Gull Colony Results

Date	Surveyor	VP	Time	on ground/ water	No @ 0-20m	Seconds @ 0-20m	No @ 20-50m	Seconds @ 20-50m	No @50-100m	Seconds @50-100m	No. @ 100-200	Seconds . @ 100-220	Notes
16-04-21	GP	4	07:00	150	4		1						
16-04-21	GP	4	07:15	150	2								
16-04-21	GP	4	07:30	150	3								
16-04-21	GP	4	07:45	150	5								
16-04-21	GP	4	08:00	150	8								
16-04-21	GP	4	08:15	150	0								
16-04-21	GP	4	08:30	150	6		4						
16-04-21	GP	4	08:45	150	2								
16-04-21	GP	4	09:00	150	4		1						
16-04-21	GP	4	09:15	150	6		4						
16-04-21	GP	4	09:30	150	2								
16-04-21	GP	4	09:45	150	4								
16-04-21	GP	4	10:00	150	3								
16-04-21	GP	4	10:30	150	8								
16-04-21	GP	4	10:45	200	5								
16-04-21	GP	4	11:00	200	2								
16-04-21	GP	4	11:15	200	4								
16-04-21	GP	4	11:30	200	3		2						
16-04-21	GP	4	11:45	200	5								
16-04-21	GP	4	12:00	200	5								
16-04-21	GP	4	12:15	0	8		20		200				BH evading Peregrine which soared above colony for 10mins
16-04-21	GP	4	12:30	0	0								
16-04-21	GP	4	12:45	40	40								BH returning to colony after PE incident
16-04-21	GP	4	13:00	200	4								
16-04-21	GP	4	13:15	200	6		1						
16-04-21	GP	4	13:30	200	7								
24-04-21	GP	14	09:00	200	2		3		2				limited view of northern BH colony; birds on ground or water can not be seen from VP14
24-04-21	GP	14	09:15	200	1								
24-04-21	GP	14	09:30	200	1								
24-04-21	GP	14	09:45	200	1		1						
24-04-21	GP	14	10:00	200	1		6						
24-04-21	GP	14	10:15	200	1		1						
24-04-21	GP	14	10:30	200	2								
24-04-21	GP	14	10:45	200	0								
24-04-21	GP	14	11:00	200	1		2						
24-04-21	GP	14	11:30	200	2		2		1				
24-04-21	GP	14	11:45	200	1		1						
24-04-21	GP	14	12:00	200			1						
06-05-21	GP	4	07:00	150	6		1		0				
06-05-21	GP	4	07:15	150	2		2		0				
06-05-21	GP	4	07:30	150	2		8		0				
06-05-21	GP	4	07:45	150	47		3		0				mobbing otter
06-05-21	GP	4	08:00	150	6		4		0				
06-05-21	GP	4	08:15	150	7		7		3				
06-05-21	GP	4	08:30	150	8		2		2				
06-05-21	GP	4	08:45	150	4		3		3				
06-05-21	GP	4	09:00	150	7		1		0				
06-05-21	GP	4	09:15	150	23		3		1				
06-05-21	GP	4	09:30	150	5		0		0				
06-05-21	GP	4	09:45	150	6		0		3				
06-05-21	GP	4	10:00	150	2		3		0				
06-05-21	GP	4	10:30	150	6		3		1				

06-05-21	GP	4	10:45	150	7		0		1				
06-05-21	GP	4	11:00	150	6		1		0				
06-05-21	GP	4	11:15	150	7		0		2				
06-05-21	GP	4	11:30	150	5		1		1				
06-05-21	GP	4	11:45	150	4		1		0				
06-05-21	GP	4	12:00	150	8		0		0				
06-05-21	GP	4	12:15	150	3		0		0				
06-05-21	GP	4	12:30	150	4		0		0				
06-05-21	GP	4	12:45	150	4		4		0				
06-05-21	GP	4	13:00	150	8		0		0				
06-05-21	GP	4	13:15	150	2		0		0				
06-05-21	GP	4	13:30	150	8		3		0				
07-05-21	GP	1	13:10	2	1		1		0				
07-05-21	GP	1	13:25	1	2		0		0				
07-05-21	BP	1	13:40	0	2		0		0				
07-05-21	BP	1	13:55	0	0		0		0				
07-05-21	BP	1	14:10	0	0		1		0				
07-05-21	BP	1	14:25	0	0		0		0				
07-05-21	BP	1	14:40	2	0		0		0				
07-05-21	BP	1	14:55	0	1		0		0				
07-05-21	BP	1	15:10	0	1		0		0				
07-05-21	BP	1	15:25	0	0		0		0				
07-05-21	BP	1	15:40	0	0		1		1				
07-05-21	BP	1	15:55	0	0		0		0				
07-05-21	BP	1	16:10	0	0		0		0				
07-05-21	BP	7	10:15	200	14		10		0				
07-05-21	BP	7	10:30	200	8		4		0				
07-05-21	BP	7	10:45	200	6		9		0				
07-05-21	BP	7	11:00	200	5		6		0				
07-05-21	BP	7	11:15	200	2		8		1				
07-05-21	BP	7	11:30	200	15		8		0				
07-05-21	BP	7	11:45	200	37		15		0				mobbing Grey Heron
07-05-21	BP	7	12:00	200	1		4		0				
07-05-21	BP	7	12:15	200	10		2		0				
07-05-21	BP	7	12:30	200	1		2		1				
07-05-21	BP	7	12:45	200	50		25		0				no predator seen
07-05-21	BP	7	13:00	200	6		2		0				
07-05-21	BP	14	13:45		1		4		0				limited view of northern BH colony; birds on ground or water can not be seen from VP14
07-05-21	BP	14	14:00		2		6		1				
07-05-21	BP	14	14:15		1		4		0				
07-05-21	BP	14	14:30		1		10		0				
07-05-21	BP	14	14:45		0		0		0				
07-05-21	BP	14	15:00		0		0		0				
07-05-21	BP	14	15:15		1		3		0				
07-05-21	BP	14	15:30		2		15		1				
07-05-21	BP	14	15:45		8		1		0				
07-05-21	BP	14	16:00		2		3		6				
07-05-21	BP	14	16:15		1		8		4				
07-05-21	BP	14	16:30		3		6		1				
15-05-21	GP	7	10:30	200	25		30		7				
15-05-21	GP	7	10:45	200	4		3		1				
15-05-21	GP	7	11:00	200	3		7		4				
15-05-21	GP	7	11:15	200	4		10		6				
15-05-21	GP	7	11:30	200	3		5		1				
15-05-21	GP	7	11:45	200	10		3		0				

15-05-21	GP	7	12:00	200	4		5		0				
15-05-21	GP	7	12:15	200	25		60		4				disturbed by dog walkers
15-05-21	GP	7	12:30	200	40		40		6				disturbed by dog walkers
15-05-21	GP	7	12:45	200	7		20		0				
15-05-21	GP	7	13:00	200	4		18		0				
15-05-21	GP	7	13:15	200	20		50		0				disturbed by dog walkers
15-05-21	GP	7	13:30	200	12		15		2				
17-05-21	BP	1	16:00	2	1								
17-05-21	BP	1	16:15	0	2								
17-05-21	BP	1	16:30	1	1								
17-05-21	BP	1	16:45	0	0								
17-05-21	BP	1	17:00	0	1								
17-05-21	BP	1	17:15	0	0								
17-05-21	BP	1	17:30	0	1								
17-05-21	BP	1	17:45	0	2								
17-05-21	BP	1	18:00	0	0								
17-05-21	BP	1	18:15	1	1								
17-05-21	BP	1	18:30	0	3								
17-05-21	BP	1	18:45	0	1								
17-05-21	BP	1	19:00	0	2								
22-05-21	GP	14	10:15		0		5		0		0		limited view of northern BH colony; birds on ground or water can not be seen from VP14
22-05-21	GP	14	10:30		2		0		0		0		
22-05-21	GP	14	10:45		0		18		6		0		
22-05-21	GP	14	11:00		0		0		0		0		
22-05-21	GP	14	11:15		1		0		0		0		
22-05-21	GP	14	11:30		2		4		3		0		
22-05-21	GP	14	11:45		4		20		4		0		
22-05-21	GP	14	12:00		1		4		2		0		
22-05-21	GP	14	12:15		6		15		3		0		
22-05-21	GP	14	12:30		2		2		0		0		
22-05-21	GP	14	12:45		8		10		0		0		
22-05-21	GP	14	13:00		0		1		0		0		
22-05-21	GP	14	13:15		2		3		0		0		
01-06-21	GP	14	09:45		2		0		0		0		limited view of northern BH colony; birds on ground or water can not be seen from VP14
01-06-21	BP	14	10:00		1		0		0		0		
01-06-21	BP	14	10:15		6		0		0		0		
01-06-21	BP	14	10:30		1		0		0		0		
01-06-21	BP	14	10:45										
01-06-21	BP	14	11:00		0		3		0		0		
01-06-21	BP	14	11:15		1		0		0		0		
01-06-21	BP	14	11:30		1		0		0		0		
01-06-21	BP	14	11:45		0		0		1		0		
01-06-21	BP	14	12:00		0		0		5		0		
01-06-21	BP	14	12:15		1		2		0		0		
01-06-21	BP	14	12:30		2		0		0		0		
01-06-21	BP	14	12:45		5		1		0		0		
05-06-21	BP	7	10:15	90	15		45		0		0		water level down 18 inches since last month.
05-06-21	BP	7	10:30	90	7		8		0		0		75% less BH at northern section of colony
05-06-21	BP	7	10:45	90	6		10		0		0		
05-06-21	BP	7	11:00	90	7		2		0		0		
05-06-21	BP	7	11:15	90	5		4		0		0		
05-06-21	BP	7	11:30	90	9		2		0		0		
05-06-21	BP	7	11:45	90	35		10		0		0		
05-06-21	BP	7	12:00	90	7		0		0		0		

05-06-21	BP	7	12:15	90	9		1		0		0		
05-06-21	BP	7	12:30	90	24		0		0		0		
05-06-21	BP	7	12:45	90	11		19		0		0		
05-06-21	BP	7	13:00	90	4		6		0		0		
05-06-21	BP	7	13:15	90	30		25		0		0		
05-06-21	BP	14	13:45		3		1		1		0		limited view of northern BH colony; birds on ground or water can not be seen from VP14
05-06-21	BP	14	14:00		1		0		1		0		
05-06-21	BP	14	14:15		2		1		0		0		
05-06-21	BP	14	14:30		0		0		0		0		
05-06-21	BP	14	14:45		2		0		0		0		
05-06-21	BP	14	15:00		1		0		0		0		
05-06-21	BP	14	15:15		0		1		0		0		
05-06-21	BP	14	15:30		0		0		0		0		
05-06-21	BP	14	15:45		4		0		0		0		
05-06-21	BP	14	16:00		2		2		0		0		
05-06-21	BP	14	16:15		1		0		2		0		
05-06-21	BP	14	16:30		2		0		0		0		
10-06-21	BP	4	07:00	28	2		2		0		0		
10-06-21	BP	4	07:15	28	2		0		0		0		
10-06-21	BP	4	07:30	28	5		0		1		0		
10-06-21	BP	4	07:45	28	8		2		0		0		
10-06-21	BP	4	08:00	28	3		0		0		0		
10-06-21	BP	4	08:15	28	3		0		0		0		
10-06-21	BP	4	08:30	28	1		0		0		0		
10-06-21	BP	4	08:45	28	0		1		0		0		
10-06-21	BP	4	09:00	28	4		1		0		3		
10-06-21	BP	4	09:15	28	8		0		0		0		
10-06-21	BP	4	09:30	28	8		1		0		0		
10-06-21	BP	4	09:45	28	9		1		0		0		
10-06-21	BP	4	10:30	28	7		0		0		0		
10-06-21	BP	4	10:45	28	3		1		0		0		
10-06-21	BP	4	11:00	28	6		0		0		0		
10-06-21	BP	4	11:15	28	0		0		0		0		
10-06-21	BP	4	11:30	28	1		0		0		0		
10-06-21	BP	4	11:45	28	1		0		0		0		
10-06-21	BP	4	12:00	28	5		0		0		0		
10-06-21	BP	4	12:15	28	2		1		0		0		
10-06-21	BP	4	12:30	28	0		0		0		0		
10-06-21	BP	4	12:45	28	14		1		0		0		
10-06-21	BP	4	13:00	28	4		0		0		0		
10-06-21	BP	4	13:15	28	2		0		0		0		
15-06-21	BP	13	07:30	4	2		1						BH colony esablished here, sitting birds not visible from VP13
15-06-21	BP	13	07:45	5	1		3						
15-06-21	BP	13	08:00	7	2								
15-06-21	BP	13	08:15	7	1								
15-06-21	BP	13	08:30	3									
15-06-21	BP	13	08:45	3	1		2						
15-06-21	BP	13	09:00	2			3						
15-06-21	BP	13	09:15	3	1		1						
15-06-21	BP	13	09:30	1	2		1						
15-06-21	BP	13	09:45	6	1		1						
15-06-21	BP	13	10:00	5	4								
15-06-21	BP	13	10:15	7	2								
15-06-21	BP	13	10:30	1	18								
16-06-21	BP	13	15:00	7	3								

16-06-21	BP	13	15:15	2	5								
16-06-21	BP	13	15:30	6	3								
16-06-21	BP	13	15:45	6	3		1						
16-06-21	BP	13	16:00	8	2		1						
16-06-21	BP	13	16:15	11			3						
16-06-21	BP	13	16:30	12	2								
16-06-21	BP	13	16:45	13	2								
16-06-21	BP	13	17:00	14	2								
16-06-21	BP	13	17:15	14	2								
16-06-21	BP	13	17:30	10	1						1		
16-06-21	BP	13	17:45	2	16		1						
16-06-21	BP	13	18:00	15	2								
19-06-21	BP	7	10:30	90	48		6		1				
19-06-21	BP	7	10:45		19		4		0		0		
19-06-21	BP	7	11:00		15		1		0		0		
19-06-21	BP	7	11:15		18		0		0		0		
19-06-21	BP	7	11:30		16		0		0		0		
19-06-21	BP	7	11:45		8		10		4		0		mobbing BZ
19-06-21	BP	7	12:00		7		2		0		0		
19-06-21	BP	7	12:15		10		0		0		0		
19-06-21	BP	7	12:30										
19-06-21	BP	7	12:45		45		6		0		0		disturbed by quad bikers
19-06-21	BP	7	13:00		20		10		2		0		
19-06-21	BP	7	13:15		13		0		0		0		
10-07-21	BP	7	10:15		12								total 29 including 8 juveniles
10-07-21	BP	7	10:30		6								total 29 including 8 juveniles
10-07-21	BP	7	10:45		3								total 29 including 8 juveniles
10-07-21	BP	7	11:00		2								total 29 including 8 juveniles
10-07-21	BP	7	11:15		2		1						total 29 including 8 juveniles
10-07-21	BP	7	11:30		4		3						total 29 including 8 juveniles
10-07-21	BP	7	11:45		6		2						total 29 including 8 juveniles
10-07-21	BP	7	12:00		2		1						total 29 including 8 juveniles
10-07-21	BP	7	12:15		6		1						total 29 including 8 juveniles
10-07-21	BP	7	12:30		7								total 29 including 8 juveniles
10-07-21	BP	7	12:45		2								total 29 including 8 juveniles
10-07-21	BP	7	13:00		2								total 29 including 8 juveniles
10-07-21	BP	7	13:15		2								total 29 including 8 juveniles
12-03-22	GP	7	11:00		7		1		0				6 on ground, 65 flying
12-03-22	GP	7	11:15		3		2		0				
12-03-22	GP	7	11:30		10		1		0				
12-03-22	GP	7	11:45		32		0		0				
12-03-22	GP	7	12:00		19		0		0				
12-03-22	GP	7	12:15		4		2		2				
12-03-22	GP	7	12:30		5		2		0				
12-03-22	GP	7	12:45		0		0		0				
12-03-22	GP	7	13:00		0		12		0				
12-03-22	GP	7	13:15		2		5		3				
12-03-22	GP	7	13:30		3		0		0				
12-03-22	GP	7	13:45		0		11		0				
12-03-22	GP	7	14:00		0		47		5				
12-03-22	GP	14	14:30						3				total BH on ground/water and flying 28
12-03-22	GP	14	14:45						2				
12-03-22	GP	14	15:00						7				
12-03-22	GP	14	15:15						0				
12-03-22	GP	14	15:30						0				
12-03-22	GP	14	15:45						0				

12-03-22	GP	14	16:00						29				
12-03-22	GP	14	16:15						2				
12-03-22	GP	14	16:30						0				
12-03-22	GP	14	16:45						0				
12-03-22	GP	14	17:00						0				
12-03-22	GP	14	17:15						0				
12-03-22	GP	14	17:30						0				
12-03-22	GP	14	17:45						0				
18-03-22	BP	13	09:45		7		4						
18-03-22	BP	13	10:00		6		2						
18-03-22	BP	13	10:15		6		4						
18-03-22	BP	13	10:30		5		8		1				
18-03-22	BP	13	10:45		5				3				
18-03-22	BP	13	11:00		4		1						
18-03-22	BP	13	11:15		1		4		1				
18-03-22	BP	13	11:30		1								
18-03-22	BP	13	11:45		4		1						
18-03-22	BP	13	12:00		4								
18-03-22	BP	13	12:15		4								
18-03-22	BP	13	12:30		4		1						
18-03-22	BP	13	12:45				2						
19-03-22	GP	7	10:30		7		1		0				
19-03-22	GP	7	10:45		3		2		0				
19-03-22	GP	7	11:00		10		1		0				
19-03-22	GP	7	11:15		32		0		0				
19-03-22	GP	7	11:30		19		0		0				
19-03-22	GP	7	11:45		4		2		0				
19-03-22	GP	7	12:00		5		2		0				
19-03-22	GP	7	12:15		6		0		0				
19-03-22	GP	7	12:30		1		0		0				
19-03-22	GP	7	12:45		3		2		0				
19-03-22	GP	7	13:00		1		16		0				
19-03-22	GP	7	13:15		0		2		0				
19-03-22	GP	7	13:30		3		0		0				
03-04-22	KC	4	12:15	4		0		0		0		0	
03-04-22	KC	4	12:30	2		0		0		0		0	
03-04-22	KC	4	12:45	2	1	900		0		0		0	
03-04-22	KC	4	13:00			0		0		0		0	
03-04-22	KC	4	13:15			0		0		0		0	
03-04-22	KC	4	13:30	2	5	4500		0		0		0	
03-04-22	KC	4	13:45	3		0		0		0		0	
03-04-22	KC	4	14:00	6	2	1800	2	1800		0		0	
03-04-22	KC	4	14:15	7	3	2700		0		0		0	
03-04-22	KC	4	14:30	2	5	4500	2	1800	1	900		0	
03-04-22	KC	4	14:45	6		0		0	3	2700		0	
03-04-22	KC	4	15:00	4	9	8100		0		0		0	
03-04-22	KC	4	15:15	3	5	4500	2	1800		0		0	
04-04-22	BP	4	08:30			0		0		0		0	
04-04-22	BP	4	08:45			0		0		0		0	
04-04-22	BP	4	09:00		3	2700	1	900		0		0	
04-04-22	BP	4	09:15			0	1	900		0		0	
04-04-22	BP	4	09:30			0		0		0		0	
04-04-22	BP	4	09:45		1	900		0		0		0	
04-04-22	BP	4	10:00	1	5	4500		0		0		0	
04-04-22	BP	4	10:15	3	1	900		0		0		0	
04-04-22	BP	4	10:30	5	1	900		0		0		0	

04-04-22	BP	4	10:45	3	4	3600		0		0		0	
04-04-22	BP	4	11:00	4	2	1800		0		0		0	
04-04-22	BP	4	11:15	9		0		0		0		0	
04-04-22	BP	4	11:30	1	1	900		0		0		0	
08-04-22	BP	13	14:30	4		0		0		0		0	
08-04-22	BP	13	14:45	4		0		0		0		0	
08-04-22	BP	13	15:00			0		0		0		0	
08-04-22	BP	13	15:15	3		0		0		0		0	
08-04-22	BP	13	15:30	3		0		0		0		0	
08-04-22	BP	13	15:45	3		0	3	2700		0		0	
08-04-22	BP	13	16:00	4		0		0		0		0	
08-04-22	BP	13	16:15	7		0		0		0		0	
08-04-22	BP	13	16:30	4	1	900		0		0		0	
08-04-22	BP	13	16:45	3		0		0	1	900		0	
08-04-22	BP	13	17:00	6	2	1800		0		0		0	
08-04-22	BP	13	17:15	7	1	900		0		0		0	
08-04-22	BP	13	17:30	3		0		0		0		0	
09-04-22	GP	7	08:00		2	1800		0		0		0	
09-04-22	GP	7	08:15		1	900		0		0		0	
09-04-22	GP	7	08:30		2	1800	1	900		0		0	
09-04-22	GP	7	08:45		3	2700	1	900		0		0	
09-04-22	GP	7	09:00		2	1800	3	2700		0		0	
09-04-22	GP	7	09:15		1	900	4	3600		0		0	
09-04-22	GP	7	09:30		6	5400	5	4500		0		0	
09-04-22	GP	7	09:45		1	900	7	6300		0		0	
09-04-22	GP	7	10:00		0	0	11	9900	3	2700		0	
09-04-22	GP	7	10:15		0	0	1	900		0		0	
09-04-22	GP	7	10:30		2	1800	2	1800	3	2700		0	
09-04-22	GP	7	10:45		3	2700	9	8100		0		0	
09-04-22	GP	14	11:30		1	900		0		0		0	
09-04-22	GP	14	11:45			0	2	1800		0		0	
09-04-22	GP	14	12:00			0		0		0		0	
09-04-22	GP	14	12:15			0	4	3600		0		0	
09-04-22	GP	14	12:30			0		0		0		0	
09-04-22	GP	14	12:45		2	1800		0		0		0	
09-04-22	GP	14	13:00			0		0		0		0	
09-04-22	GP	14	13:15			0		0		0		0	
09-04-22	GP	14	13:30			0		0		0		0	
09-04-22	GP	14	13:45			0		0		0		0	
09-04-22	GP	14	14:00			0		0		0		0	
09-04-22	GP	14	14:15			0		0		0		0	
09-04-22	GP	14	14:30			0		0		0		0	
10-04-22	BP	13	11:40	6		0		0		0		0	
10-04-22	BP	13	11:55	4	2	1800		0		0		0	
10-04-22	BP	13	12:10	2		0		0		0		0	
10-04-22	BP	13	12:25	3	1	900		0		0		0	
10-04-22	BP	13	12:40	3		0		0		0		0	
10-04-22	BP	13	12:55	3		0		0		0		0	
10-04-22	BP	13	13:10	2		0		0		0		0	
10-04-22	BP	13	13:25	2		0		0		0		0	
10-04-22	BP	13	13:40	2	4	3600	2	1800		0		0	
10-04-22	BP	13	13:55	8		0		0		0		0	
10-04-22	BP	13	14:10			0		0		0		0	
10-04-22	BP	13	14:25	1		0		0		0		0	
10-04-22	BP	13	14:40	1		0		0		0		0	
16-04-22	GP	7	07:00		10	9000	2	1800		0		0	

16-04-22	GP	7	07:15		12	10800	4	3600	12	10800		0	
16-04-22	GP	7	07:30		15	13500		0		0		0	
16-04-22	GP	7	07:45		13	11700	6	5400	7	6300		0	
16-04-22	GP	7	08:00		18	16200	5	4500		0		0	
16-04-22	GP	7	08:15		20	18000	6	5400		0		0	
16-04-22	GP	7	08:30		9	8100	2	1800		0		0	
16-04-22	GP	7	08:45		12	10800	5	4500	2	1800	6	5400	
16-04-22	GP	7	09:00		32	28800	16	14400	2	1800		0	
16-04-22	GP	7	09:15		49	44100	18	16200		0		0	
16-04-22	GP	7	09:30		26	23400		0		0		0	
16-04-22	GP	7	09:45		4	3600	3	2700		0		0	
16-04-22	GP	7	10:00		8	7200		0		0		0	
08-05-22	BP	4	08:00	1		0		0		0		0	
08-05-22	BP	4	08:15			0		0		0		0	
08-05-22	BP	4	08:30			0		0		0		0	
08-05-22	BP	4	08:45		4	3600		0		0		0	
08-05-22	BP	4	09:00	2		0		0		0		0	
08-05-22	BP	4	09:15			0		0		0		0	
08-05-22	BP	4	09:30			0		0		0		0	
08-05-22	BP	4	09:45		1	900		0		0		0	
08-05-22	BP	4	10:00	1		0		0		0		0	
08-05-22	BP	4	10:15		3	2700		0		0		0	
08-05-22	BP	4	10:30		1	900		0		0		0	
08-05-22	BP	4	10:45	4	2	1800		0		0		0	
08-05-22	BP	4	11:00	1		0		0		0		0	
08-05-22	BP	4	11:30	6		0		0		0		0	
08-05-22	BP	4	11:45	6	1	900		0		0		0	
08-05-22	BP	4	12:00	2		0		0		0		0	
08-05-22	BP	4	12:15	6		0		0		0		0	
08-05-22	BP	4	12:30	8		0		0		0		0	
08-05-22	BP	4	12:45	9		0		0		0		0	
08-05-22	BP	4	13:00	10	1	900		0		0		0	
08-05-22	BP	4	13:15	8		0		0		0		0	
08-05-22	BP	4	13:30	9	1	900		0		0		0	
08-05-22	BP	4	13:45	8	3	2700		0		0		0	
08-05-22	BP	4	14:00	10		0		0		0		0	
08-05-22	BP	4	14:15	7	3	2700		0		0		0	
08-05-22	BP	4	14:30	7		0		0		0		0	
08-05-22	BP	13	15:30	27	2	1800		0		0		0	
08-05-22	BP	13	15:45	17	1	900		0	2	1800		0	
08-05-22	BP	13	16:00	15	6	5400		0		0		0	
08-05-22	BP	13	16:15	14	5	4500		0		0		0	
08-05-22	BP	13	16:30	25	2	1800		0		0		0	
08-05-22	BP	13	16:45	19	5	4500		0		0		0	
08-05-22	BP	13	17:00	16	13	11700		0		0		0	
08-05-22	BP	13	17:15	22	2	1800		0		0		0	
08-05-22	BP	13	17:30	22	3	2700		0		0		0	
08-05-22	BP	13	17:45	6	28	25200	3	2700		0		0	
08-05-22	BP	13	18:00	30	4	3600		0		0		0	
08-05-22	BP	13	18:15	28	4	3600	1	900		0		0	
08-05-22	BP	13	18:30	23	7	6300		0		0		0	
12-05-22	BP	13	12:00	20	30	27000	8	7200		0		0	
12-05-22	BP	13	12:15	18	4	3600		0		0		0	
12-05-22	BP	13	12:30	14	7	6300	3	2700		0		0	
12-05-22	BP	13	12:45	17	24	21600	13	11700	2	1800		0	
12-05-22	BP	13	13:00	12	4	3600	4	3600		0		0	

12-05-22	BP	13	13:15	2	45	40500	10	9000		0		0	
12-05-22	BP	13	13:30	18	1	900		0		0		0	
12-05-22	BP	13	13:45	22		0		0		0		0	
12-05-22	BP	13	14:00	17		0		0	3	2700		0	
12-05-22	BP	13	14:15	23	1	900		0		0		0	
12-05-22	BP	13	14:30	3	50	45000	5	4500		0		0	
12-05-22	BP	13	14:45	22	3	2700		0		0		0	
12-05-22	BP	13	15:00	30	2	1800		0		0		0	
13-06-22	BP	4	09:00	2	1	900		0		0		0	
13-06-22	BP	4	09:15	3		0		0		0		0	
13-06-22	BP	4	09:30	3	1	900		0		0		0	
13-06-22	BP	4	09:45	3	1	900		0		0		0	
13-06-22	BP	4	10:00	1	2	1800		0		0		0	
13-06-22	BP	4	10:15		2	1800		0		0		0	
13-06-22	BP	4	10:30		2	1800		0		0		0	
13-06-22	BP	4	10:45	2		0		0		0		0	
13-06-22	BP	4	11:00	1		0		0		0		0	
13-06-22	BP	4	11:15	1		0		0		0		0	
13-06-22	BP	4	11:30	1		0		0		0		0	
13-06-22	BP	4	11:45	1	1	900		0		0		0	
13-06-22	BP	4	12:00	1		0		0		0		0	
13-06-22	BP	4	12:30	1	1	900		0	1	900		0	
13-06-22	BP	4	12:45	2	2	1800		0		0		0	
13-06-22	BP	4	13:00		1	900		0		0		0	
13-06-22	BP	4	13:15	2		0	1	900		0		0	
13-06-22	BP	4	13:30		2	1800		0		0		0	
13-06-22	BP	4	13:45	1		0		0		0		0	
13-06-22	BP	4	14:00	1		0		0		0		0	
13-06-22	BP	4	14:15			0	1	900		0		0	
13-06-22	BP	4	14:30	1	1	900		0		0		0	
13-06-22	BP	4	14:45	2		0		0		0		0	
13-06-22	BP	4	15:00	2		0		0		0		0	
13-06-22	BP	4	15:15	2		0		0		0		0	
13-06-22	BP	4	15:30	2		0		0		0		0	
15-06-22	BP	13	10:30	30	7	6300	2	1800		0		0	colony size is c. 100 individuals
15-06-22	BP	13	10:45	29	5	4500		0		0		0	whole colony not visible from VP12
15-06-22	BP	13	11:00	16	55	49500	20	18000		0		0	birch and willow trees and rushes on lake edge and high field between lakes obsure views
15-06-22	BP	13	11:15	34	6	5400		0		0		0	birds on ground often hidden in rushes
15-06-22	BP	13	11:30	31	4	3600	2	1800		0		0	
15-06-22	BP	13	11:45	38	18	16200	1	900	1	900		0	
15-06-22	BP	13	12:00	56	10	9000	2	1800	2	1800		0	
15-06-22	BP	13	12:15	48	13	11700	2	1800		0		0	
15-06-22	BP	13	12:30	55	22	19800	1	900		0		0	
15-06-22	BP	13	12:45	61	7	6300	2	1800		0		0	
15-06-22	BP	13	13:00	44	5	4500	2	1800	1	900		0	
15-06-22	BP	13	13:15	38	11	9900		0		0		0	
15-06-22	BP	13	13:30	47	9	8100	1	900		0		0	
15-06-22	BP	13	14:00	45	3	2700		0		0		0	
15-06-22	BP	13	14:15	33	8	7200		0	1	900		0	
15-06-22	BP	13	14:30	30	16	14400	3	2700		0		0	
15-06-22	BP	13	14:45	18	7	6300		0		0		0	
15-06-22	BP	13	15:00	24	5	4500	3	2700		0	3	2700	
15-06-22	BP	13	15:15	33	7	6300	2	1800		0		0	
15-06-22	BP	13	15:30	26	3	2700		0		0		0	
15-06-22	BP	13	15:45	32	2	1800	2	1800	2	1800		0	

15-06-22	BP	13	16:00	22	3	2700		0	7	6300		0	
15-06-22	BP	13	16:15	19	6	5400	1	900		0		0	
15-06-22	BP	13	16:30	17	7	6300		0	2	1800	3	2700	
15-06-22	BP	13	16:45	19	2	1800		0		0		0	
15-06-22	BP	13	17:00	25	14	12600	3	2700		0		0	
15-07-22	BP	13	11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	colony abandoned 1 pair remain
20-03-2023	BP	13	06:00	4	0		0						
20-03-2023	BP	13	06:15	6	0		0						
20-03-2023	BP	13	06:30	0	29		0						
20-03-2023	BP	13	06:45	8	7		0						
20-03-2023	BP	13	07:00	4	5		0						
20-03-2023	BP	13	07:15	7	4		1						
20-03-2023	BP	13	07:30	0	17		2						
20-03-2023	BP	13	07:45	10	4		0						
20-03-2023	BP	13	08:00	12	3		0						
20-03-2023	BP	13	08:15	9	5		0						
20-03-2023	BP	13	08:30	8	7		0						
20-03-2023	BP	13	08:45	7	23		0						
20-03-2023	BP	13	09:00	8	16		2						
20-03-2023	BP	13	09:30	11	4		0						
20-03-2023	BP	13	09:45	8	8		3						
20-03-2023	BP	13	10:00	0	29		6						
20-03-2023	BP	13	10:15	10	6		0						
20-03-2023	BP	13	10:30	8	9		3						
20-03-2023	BP	13	10:45	10	15		0						
20-03-2023	BP	13	11:00	7	12		0						
20-03-2023	BP	13	11:15	21	7		1						
20-03-2023	BP	13	11:30	12	3		0						
20-03-2023	BP	13	11:45	5	28		2						
20-03-2023	BP	13	12:00	15	2		0						
20-03-2023	BP	13	12:15	7	6		0						
20-03-2023	BP	13	12:30	7	17		0						
03-04-2023	BP	13	13:30	9	2		0		0				
03-04-2023	BP	13	13:45	9	6		2		0				
03-04-2023	BP	13	14:00	6	7		0		0				
03-04-2023	BP	13	14:15	0	0		0		0				
03-04-2023	BP	13	14:30	0	0		4		34				is this the whole colony up and leaving? All birds circle high and fly west
03-04-2023	BP	13	14:45	0	0		0		0				
03-04-2023	BP	13	15:00	0	0		0		0				
03-04-2023	BP	13	15:15	0	0		0		0				
03-04-2023	BP	13	15:30	0	2		0		0				
03-04-2023	BP	13	15:45	0	0		0		0				
03-04-2023	BP	13	16:00	0	0		0		0				
03-04-2023	BP	13	16:15	0	0		0		0				
03-04-2023	BP	13	16:30	0	0		0		0				
03-05-2023	BP	13	10:00	11	8		0		0				
03-05-2023	BP	13	10:15	7	13		0		0				
03-05-2023	BP	13	10:30	8	9		0		1				
03-05-2023	BP	13	10:45	5	6		0		0				
03-05-2023	BP	13	11:00	5	8		1		0				
03-05-2023	BP	13	11:15	12	6		1		0				
03-05-2023	BP	13	11:30	10	5		0		0				
03-05-2023	BP	13	11:45	4	9		0		0				
03-05-2023	BP	13	12:00	6	4		0		0				
03-05-2023	BP	13	12:15	4	11		0		0				
03-05-2023	BP	13	12:30	11	4		0		0				

03-05-2023	BP	13	12:45	6	6		1		0				
03-05-2023	BP	13	13:00	9	9		0		0				
03-05-2023	BP	13	13:30	11	3		0		0				
03-05-2023	BP	13	13:45	10	4		1		0				
03-05-2023	BP	13	14:00	9	15		0		0				
03-05-2023	BP	13	14:15	11	6		0		0				
03-05-2023	BP	13	14:30	7	3		0		0				
03-05-2023	BP	13	14:45	0	29		0		0				
03-05-2023	BP	13	15:00	13	1		0		0				
03-05-2023	BP	13	15:15	12	3		1		1				
03-05-2023	BP	13	15:30	7	3		0		0				
03-05-2023	BP	13	15:45	16	1		1		0				
03-05-2023	BP	13	16:00	11	3		2		1				
03-05-2023	BP	13	16:15	17	10		0		0				
03-05-2023	BP	13	16:30	13	10		1		0				
02-06-2023	BP	9	08:30	9	3		0						
02-06-2023	BP	9	08:45	13	2		1						
02-06-2023	BP	9	09:00	10	4		2						
02-06-2023	BP	9	09:15	8	9		0						
02-06-2023	BP	9	09:30	11	2		0						
02-06-2023	BP	9	09:45	15	1		0						
02-06-2023	BP	9	10:00	8	6		1						
02-06-2023	BP	9	10:15	14	11		0						
02-06-2023	BP	9	10:30	10	4		0						
02-06-2023	BP	9	10:45	7	8		0						
02-06-2023	BP	9	11:00	8	11		0						
02-06-2023	BP	9	11:15	10	2		0						
02-06-2023	BP	9	11:30	8	4		0						
02-06-2023	BP	9	12:00	10	3		0						
02-06-2023	BP	9	12:15	4	1		0						
02-06-2023	BP	9	12:30	6	2		3						
02-06-2023	BP	9	12:45	0	1		2						
02-06-2023	BP	9	13:00	5	1		0						
02-06-2023	BP	9	13:15	6	1		0						
02-06-2023	BP	9	13:30	8	0		0						
02-06-2023	BP	9	13:45	7	0		0						
02-06-2023	BP	9	14:00	2	2		0						
02-06-2023	BP	9	14:15	3	0		0						
02-06-2023	BP	9	14:30	0	1		0						
02-06-2023	BP	9	14:45	4	1		0						
02-06-2023	BP	9	15:00	7	0		0						
14-06-2023	BP	13	11:00	11	3		0		0				
14-06-2023	BP	13	11:15	10	5		2		0				
14-06-2023	BP	13	11:30	7	0		0		0				
14-06-2023	BP	13	11:45	6	8		1		1				
14-06-2023	BP	13	12:00	15	5		0		0				
14-06-2023	BP	13	12:15	12	7		0		0				
14-06-2023	BP	13	12:30	5	8		1		0				
14-06-2023	BP	13	12:45	13	3		0		0				
14-06-2023	BP	13	13:00	10	1		0		0				
14-06-2023	BP	13	13:15	13	6		0		0				
14-06-2023	BP	13	13:30	8	33		0		0				
14-06-2023	BP	13	13:45	16	2		0		0				
14-06-2023	BP	13	14:00	10	1		0		0				
14-06-2023	BP	13	14:30	13	4		0		0				
14-06-2023	BP	13	14:45	16	3		0		0				

14-06-2023	BP	13	15:00	10	4		0		0				
14-06-2023	BP	13	15:15	12	19		1		0				
14-06-2023	BP	13	15:30	18	4		0		0				
14-06-2023	BP	13	15:45	19	2		0		0				
14-06-2023	BP	13	16:00	23	3		1		0				
14-06-2023	BP	13	16:15	12	4		0		0				
14-06-2023	BP	13	16:30	11	3		2		0				
14-06-2023	BP	13	16:45	19	8		1		0				
14-06-2023	BP	13	17:00	20	6		0		1				
14-06-2023	BP	13	17:15	16	4		0		0				
14-06-2023	BP	13	17:30	10	26		0		0				
06-07-2023	BP	13	05:45	3	4		0		0				c. 40 birds up different territory - possibly otter max count = 40 - majority of colony obviously hidden from view from VP13 mostly behind central ridge/high field
06-07-2023	BP	13	06:00	3	3		0		0				
06-07-2023	BP	13	06:15	4	34		2		0				
06-07-2023	BP	13	06:30	16	3		4		0				
06-07-2023	BP	13	06:45	3	6		2		4				
06-07-2023	BP	13	07:00	1	9		1		0				
06-07-2023	BP	13	07:15	1	5		0		0				
06-07-2023	BP	13	07:30	4	5		0		0				
06-07-2023	BP	13	07:45	1	36		1		0				
06-07-2023	BP	13	08:00	17	3		0		0				
06-07-2023	BP	13	08:15	6	2		0		0				
06-07-2023	BP	13	08:30	4	1		1		0				
06-07-2023	BP	13	08:45	2	7		0		0				
08-01-2024	BP	13	02:08		0								No BH at 2024 colony. Birds moved on post breeding.
19-03-2024	BP	13	08:45	0	1		8						
19-03-2024	BP	13	09:00	4	8		0						
19-03-2024	BP	13	09:15	0	7		1						
19-03-2024	BP	13	09:30	4	8		0						
19-03-2024	BP	13	09:45	4	1		11						
19-03-2024	BP	13	10:00	0	11		0						
19-03-2024	BP	13	10:15	0	0		18						
19-03-2024	BP	13	10:30	0	0		0						
19-03-2024	BP	13	10:45	0	0		0						
19-03-2024	BP	13	11:00	0	1		0						
19-03-2024	BP	13	11:15	0	0		1						
19-03-2024	BP	13	11:30	0	0		0						
19-03-2024	BP	13	11:45	0	0		0						
21-03-2024	BP	13	06:10	0	0		0						
21-03-2024	BP	13	06:25	0	0		0						
21-03-2024	BP	13	06:40	0	0		0						
21-03-2024	BP	13	06:55	0	0		0						
21-03-2024	BP	13	07:10	7	15		0						most arrive from east then leave to SE start of colony being established
21-03-2024	BP	13	07:25	24	11		1						including pair copulating
21-03-2024	BP	13	07:40	26	15		0						
21-03-2024	BP	13	07:55	20	9		1						
21-03-2024	BP	13	08:10	14	8		2						
21-03-2024	BP	13	08:25	9	3		0						
21-03-2024	BP	13	08:40	2	18		0						
21-03-2024	BP	13	08:55	0	0		0						
21-03-2024	BP	13	09:10	0	0		0						
24-04-2024	BP	13	11:30	26	18		0		0				BH partiall hidden behind vegetation and high field from VP13
24-04-2024	BP	13	11:45	18	25		0		0				
24-04-2024	BP	13	12:00	25	14		0		0				

24-04-2024	BP	13	12:15	38	6		0		0				
24-04-2024	BP	13	12:30	41	4		0		0				
24-04-2024	BP	13	12:45	44	5		0		0				including pair copulating
24-04-2024	BP	13	13:00	58	3		1		0				
24-04-2024	BP	13	13:15	54	1		2		9				
24-04-2024	BP	13	13:30	20	58		0		0				ca. 90 BH in colony as some hidden
24-04-2024	BP	13	13:45	21	9		0		5				
24-04-2024	BP	13	14:00	19	4		3		0				
24-04-2024	BP	13	14:15	29	3		0		0				including pair copulating
24-04-2024	BP	13	14:30	26	7		2		0				
08-05-2024	BP	4	07:15	8	2		0						whole colony not visible from VP4 also birds mostly hidden within vegetation
08-05-2024	BP	4	07:30	5	3		0						
08-05-2024	BP	4	07:45	3	3		0						
08-05-2024	BP	4	08:00	4	3		0						
08-05-2024	BP	4	08:15	5	1		0						
08-05-2024	BP	4	08:30	4	0		0						
08-05-2024	BP	4	08:45	4	2		3						
08-05-2024	BP	4	09:00	3	1		0						
08-05-2024	BP	4	09:15	3	2		0						
08-05-2024	BP	4	09:30	5	1		0						
08-05-2024	BP	4	09:45	11	3		0						
08-05-2024	BP	4	10:00	8	2		0						
08-05-2024	BP	4	10:15	8	7		0						
08-05-2024	BP	4	10:50	11	2		1						
08-05-2024	BP	4	11:05	14	3		0						
08-05-2024	BP	4	11:20	15	5		0						
08-05-2024	BP	4	11:35	10	2		0						
08-05-2024	BP	4	11:50	12	1		0						
08-05-2024	BP	4	12:05	9	1		0						
08-05-2024	BP	4	12:20	10	5		0						
08-05-2024	BP	4	12:35	12	2		0						
08-05-2024	BP	4	12:50	8	1		0						
08-05-2024	BP	4	13:05	7	3		0						
08-05-2024	BP	4	13:20	10	0		0						
08-05-2024	BP	4	13:35	13	2		1						
08-05-2024	BP	4	13:50	8	2		0						
08-05-2024	BP	13	15:45	14	5		0		0				several nests ca. 8 visible from VP13 - NW corner of colony out of vew form VP13
08-05-2024	BP	13	16:00	17	3		1		0				
08-05-2024	BP	13	16:15	10	7		1		0				
08-05-2024	BP	13	16:30	25	3		0		1				
08-05-2024	BP	13	16:45	19	4		0		0				
08-05-2024	BP	13	17:00	21	2		0		0				
08-05-2024	BP	13	17:15	12	11		12		1				
08-05-2024	BP	13	17:30	26	7		0		0				colony very settled in late afternoon
08-05-2024	BP	13	17:45	22	2		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:00	23	3		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:15	22	2		0		0				including 2 pairs copulating
08-05-2024	BP	13	18:30	24	2		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:45	20	1		0		0				colony very settled in late afternoon
09-05-2024	BP	13	11:30	33	4		0		0				
09-05-2024	BP	13	11:45	29	2		1		0				
09-05-2024	BP	13	12:00	27	2		0		0				
09-05-2024	BP	13	12:15	21	6		2		2				
09-05-2024	BP	13	12:30	29	1		0		0				

09-05-2024	BP	13	12:45	20	27		0		0				20 sit tight on nest whilst 27 up in tight flock over disturbance in in defense mode - high count - considered BH fly back into colony unseen - slip back in from south ponds within a few seconds or possibly many birds unseen within vegetation - max count of 37 + 30 (total 67)at VP12 colony - birds move between colonies if danger strikes
09-05-2024	BP	13	13:00	24	5		0		0				
09-05-2024	BP	13	13:15	24	3		0		1				
09-05-2024	BP	13	13:30	26	4		0		0				
09-05-2024	BP	13	13:45	22	2		1		0				
09-05-2024	BP	13	14:00	15	5		0		0				
09-05-2024	BP	13	14:15	19	0		0		0				
09-05-2024	BP	13	14:30	21	6		4		0				
17-05-2024	BP	12	10:30		7		12		2				birds not visible on round level from VP12 - walked over to colony to count BH (21 BH max) - pond not visible from VP12 - counts fairly low each 15 minutes
17-05-2024	BP	12	10:45		5		0		0				
17-05-2024	BP	12	11:00		0		0		0				
17-05-2024	BP	12	11:15		2		0		0				
17-05-2024	BP	12	11:30		3		1		0				
17-05-2024	BP	12	11:45		7		1		0				
17-05-2024	BP	12	12:00		0		0		0				
17-05-2024	BP	12	12:15		3		0		0				
17-05-2024	BP	12	12:30		0		0		0				
17-05-2024	BP	12	12:45		4		2		0				
17-05-2024	BP	12	13:00		0		1		0				
17-05-2024	BP	12	13:15		0		0		0				
17-05-2024	BP	12	13:30		1		0		0				
17-05-2024	BP	12	14:00		0	0							
17-05-2024	BP	12	14:15		4	0							
17-05-2024	BP	12	14:30		0	0							
17-05-2024	BP	12	14:45		2	1							
17-05-2024	BP	12	15:00		2	0							
17-05-2024	BP	12	15:15		0	0							
17-05-2024	BP	12	15:30		0	0							
17-05-2024	BP	12	15:45		0	0							
17-05-2024	BP	12	16:00		1	0							
17-05-2024	BP	12	16:15		0	0							
17-05-2024	BP	12	16:30		2	0							
17-05-2024	BP	12	16:45		1	0							
17-05-2024	BP	12	17:00		6	9							max count of 15 were disturbed by surveyor
07-07-2024	BP	4	9.43		1								Commuting to BH colony
07-07-2024	BP	4	10.12		3								Leaving colony
07-07-2024	BP	4	10.23		5								Leaving colony west
07-07-2024	BP	4	10.42		6								Away from colony west
07-07-2024	BP	4	11.58		1								Leaving colony
07-07-2024	BP	4	14		1								Leaving colony
07-07-2024	BP	4	14.14		2								Leaves colony
07-07-2024	BP	4	14.21		3								Arrive low into colony
08-07-2024	BP	4	7.23		1								Over colony calling. Several birds heard within colony not visible
08-07-2024	BP	4	7.49		1								To colony
08-07-2024	BP	4	8.08		3								Rise high from colony and commute to Derryvilla pond
08-07-2024	BP	4	14.45		2								Commuting from colony to lake
08-07-2024	BP	4	16.43		6								Inc 5 juv disturbed by predator
08-07-2024	BP	4	16.51		8								Commuting back to colony
08-07-2024	BP	4	17.14		19								16 adult and 3 juv defending colony from predator probably otter or fox
07-09-2024	BP	12	14.43		5								Over VP12 colony almost complete. Must be a juv or 2 left
07-09-2024	BP	12	15.18		2								Circle high and away

07-09-2024	BP	12	16.1		1								To VP12 BH colony
07-09-2024	BP	12	16.44		1								Lifts high from and back to VP12 BH colony. Max 6 adults remain there.
07-09-2024	BP	12	18.36		1								Leaving completed BH colony
07-09-2024	BP	12	14.43		12								
07-09-2024	BP	12	15.18		12								
07-09-2024	BP	12	16.1		12								
07-09-2024	BP	12	16.44		12								
03-04-2025	BP	4	07.22-09.25		4								BH. Colony becoming established. 60% in summer plumage. Numbers: 07.22hrs-5; 07.26-23; 07.46- 37; 07.56-47; 08.23-66; 09.25-43. Arrive from high up from north but not seen till flying over ponds. Mostly in the air above water.
03-04-2025	BP	4	9.13		4								Leaving colony
03-04-2025	BP	4	10.44		4								Go to other pond and wheel above it probably checking it for suitable nesting habitat
03-04-2025	BP	4	10.56		4								Rise high n leave colony to forage
03-04-2025	BP	4	11.14		4								Leaving colony
03-04-2025	BP	4	12.11		4								Leave colony to forage or regroup elsewhere

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

APPENDIX 17

Hinterland Results

Season	Code	SiteName	Date	Month	Surveyor	Start	End	Cloud	Visibility	Precipitation	WindSpeed	WindDirection	BTO	SpName	ScName	BOCCI	AnnexI	Quantity	Notes
Winter_2020_2021	HVP44	Ballybeg Bog	26-10-20	OCTOBER	GP	08:30	11:30	0	Yes	Dry	3	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	2	landed on bare peat
Winter_2020_2021	HVP44	Ballybeg Bog	26-10-20	OCTOBER	GP	08:30	11:30	0	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	07-11-20	OCTOBER	GP	08:10	11:10	8	Yes	Dry	2	E	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Ringtail
Winter_2020_2021	HVP44	Ballybeg Bog	07-11-20	OCTOBER	GP	08:10	11:10	8	Yes	Dry	2	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	21-11-20	NOVEMBER	GP	08:50	11:50	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	21-11-20	NOVEMBER	GP	08:50	11:50	8	Yes	Dry	1	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	25-11-20	NOVEMBER	GP	07:17	10:20	2	Yes	Dry	0	none	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	from NW heading towards littleton old bog
Winter_2020_2021	HVP44	Ballybeg Bog	25-11-20	NOVEMBER	GP	07:17	10:20	2	Yes	Dry	0	none	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	02-12-20	DECEMBER	GP	10:30	13:30	2	Yes	Dry	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	12-12-20	DECEMBER	GP	12:45	15:45	1	Yes	Dry	1	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	4	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	12-12-20	DECEMBER	GP	12:45	15:45	1	Yes	Dry	1	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	4	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	05-01-21	JANUARY	GP	10:00	13:00	4	Yes	no info	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	05-01-21	JANUARY	GP	10:00	13:00	4	Yes	no info	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	carrying prey
Winter_2020_2021	HVP44	Ballybeg Bog	05-01-21	JANUARY	GP	10:00	13:00	4	Yes	no info	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	05-01-21	JANUARY	GP	10:00	13:00	4	Yes	no info	2	NE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	2	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	23-01-21	JANUARY	GP	09:30	12:30	2	Yes	Dry	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	hunting
Winter_2020_2021	HVP44	Ballybeg Bog	23-01-21	JANUARY	GP	09:30	12:30	2	Yes	Dry	1	NW	RE	Redwing	*Turdus iliacus*	Red	No	20	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	03-02-21	FEBRUARY	GP	12:40	15:40	8	Yes	showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	03-02-21	FEBRUARY	GP	12:40	15:40	8	Yes	showers	3	S	RE	Redwing	*Turdus iliacus*	Red	No	NA	Redwings on grassland boundry site
Winter_2020_2021	HVP44	Ballybeg Bog	15-02-21	FEBRUARY	GP	13:10	16:10	7	Yes	no info	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	15-02-21	FEBRUARY	GP	13:10	16:10	7	Yes	no info	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	04-03-21	MARCH	GP	12:10	15:10	8	Yes	Dry	1	NE	RE	Redwing	*Turdus iliacus*	Red	No	20	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	BZ mobbed by HC
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	Heron mobbed by HC
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW	RE	Redwing	*Turdus iliacus*	Red	No	20	mixed flock
Winter_2020_2021	HVP44	Ballybeg Bog	16-03-21	MARCH	GP	07:50	10:50	8	Yes	Light drizzle shower	3	NW	SG	Starling	*Sturnus vulgaris*	Amber	No	50	mixed flock
Summer_2021	HVP44	Ballybeg Bog	10-04-21	APRIL	GP	12:50	15:50	4	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	10-04-21	APRIL	GP	12:50	15:50	4	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	10-04-21	APRIL	GP	12:50	15:50	4	Yes	Dry	2	NW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	4	No notes
Summer_2021	HVP44	Ballybeg Bog	10-04-21	APRIL	GP	12:50	15:50	4	Yes	Dry	2	NW	SL	Swallow	*Hirundo rustica*	Amber	No	4	No notes
Summer_2021	HVP44	Ballybeg Bog	16-04-21	APRIL	GP	14:00	17:00	7	Yes	Dry	4	SE	SG	Starling	*Sturnus vulgaris*	Amber	No	6	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	3	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-04-21	APRIL	KC	13:30	16:30	4	Yes	Dry	2	E	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	carrying prey
Summer_2022	HVP44	Ballybeg Bog	26-04-21	APRIL	KC	15:00	18:00	8	Yes	Dry	1	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	06-05-21	MAY	GP	14:00	17:00	4	Yes	Dry	2	N	MH	Moorhen	*Gallinula chloropus*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	08-05-21	MAY	GP	10:15	13:15	6	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	08-05-21	MAY	GP	10:15	13:15	6	Yes	Dry	3	SE	CR	Common Crossbill	*Loxia curvirostra*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	08-05-21	MAY	GP	10:15	13:15	6	Yes	Dry	3	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	08-05-21	MAY	GP	10:15	13:15	6	Yes	Dry	3	SE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	10-06-21	JUNE	GP	13:50	16:50	7	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	8	No notes
Summer_2021	HVP44	Ballybeg Bog	17-06-21	JUNE	GP	08:30	11:30	3	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	01-07-21	JULY	GP	13:30	16:30	4	Yes	Dry	Not recored	SE	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	02-07-21	JULY	GP	09:10	12:10	8	Yes	Dry	1	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	02-07-21	JULY	GP	09:10	12:10	8	Yes	Dry	1	NE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	02-07-21	JULY	GP	09:10	12:10	8	Yes	Dry	1	NE	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	02-07-21	JULY	GP	09:10	12:10	8	Yes	Dry	1	NE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	04-08-21	AUGUST	GP	13:45	16:45	4	Yes	Dry	4	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	04-08-21	AUGUST	GP	13:45	16:45	4	Yes	Dry	4	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	04-08-21	AUGUST	GP	13:45	16:45	4	Yes	Dry	4	S	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	c. 200 Rooks put up by juvenile/immature Peregrine
Summer_2021	HVP44	Ballybeg Bog	04-08-21	AUGUST	GP	13:45	16:45	4	Yes	Dry	4	S	PE	Peregrine	*Falco peregrinus*	Green	Yes	2	footpass from male to juvenile female
Summer_2021	HVP44	Ballybeg Bog	21-08-21	AUGUST	GP	13:40	16:40	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP44	Ballybeg Bog	21-08-21	AUGUST	GP	13:40	16:40	4	Yes	Dry	2	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	21-08-21	AUGUST	GP	13:40	16:40	4	Yes	Dry	2	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	11-09-21	SEPTEMBER	GP	14:00	17:00	7	Yes	Dry	1	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	11-09-21	SEPTEMBER	GP	14:00	17:00	7	Yes	Dry	1	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	11-09-21	SEPTEMBER	GP	14:00	17:00	7	Yes	Dry	1	W	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2021	HVP44	Ballybeg Bog	22-09-21	SEPTEMBER	GP	13:30	16:30	6	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	adult male and juvenile on ground for long period
Summer_2021	HVP44	Ballybeg Bog	22-09-21	SEPTEMBER	GP	13:30	16:30	6	Yes	Dry	2	SW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	10-10-21	OCTOBER	SK	14:00	17:00	3	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes

Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	23-10-21	MIGRATION	SK	10:10	13:10	3	Yes	Dry	3	NE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	24-10-21	OCTOBER	SK	10:55	13:55	4	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	5	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Autumn_Migration_2021	HVP44	Ballybeg Bog	30-10-21	MIGRATION	SK	14:00	17:00	6	Yes	light	3	NE	T.	Teal	*Anas crecca*	Amber	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	hunting
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	02-12-21	NOVEMBER	KC	11:45	14:45	8	Yes	Dry	1	NW	T.	Teal	*Anas crecca*	Amber	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	4	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	19-12-21	NOVEMBER	KC	12:15	15:15	8	Yes	Dry	1	SE	T.	Teal	*Anas crecca*	Amber	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	31-12-21	DECEMBER	KC	10:00	13:00	1	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	31-12-21	DECEMBER	KC	10:00	13:00	1	Yes	Dry	3	S	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	31-12-21	DECEMBER	KC	10:00	13:00	1	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	L.	Lapwing	*Vanellus vanellus*	Red	No	150	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	12-01-22	DECEMBER	KC	09:45	12:45	1	Yes	Dry	0	none	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	20-01-22	JANUARY	KC	13:30	16:30	7	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-01-22	JANUARY	KC	09:30	12:30	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-01-22	JANUARY	KC	09:30	12:30	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-01-22	JANUARY	KC	09:30	12:30	8	Yes	Dry	1	S	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	05-02-22	FEBRUARY	KC	09:00	12:00	8	Yes	Dry	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	3	soaring
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	25-02-22	FEBRUARY	KC	13:15	16:15	3	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	soaring
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	06-03-22	MARCH	KC	09:15	12:15	0	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	2	No notes
Winter_2021_2022	HVP44	Ballybeg Bog	21-03-22	MARCH	KC	12:10	15:10	3	Yes	Dry	3	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes

Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	09-04-22	MIGRATION	KC	11:30	14:30	3	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	16	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	3	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Spring_Migration_2022	HVP44	Ballybeg Bog	15-04-22	MIGRATION	KC	14:20	17:20	8	Yes	occ. drizzle	1	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	12	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes

Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-05-22	MAY	KC	11:30	14:30	4	Yes	Dry	4	SW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-05-22	MAY	KC	10:00	13:00	1	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	22-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	SI	Swift	*Apus apus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	7	No notes
Summer_2022	HVP44	Ballybeg Bog	27-06-22	JUNE	KC	14:30	17:30	8	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	3	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	CU	Curlew	*Numenius arquata*	Red	No	12	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	2	screeching
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	09-07-22	JULY	KC	09:30	12:30	7	Yes	Dry	1	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	21-07-22	JULY	KC	15:00	18:00	8	Yes	Dry	1	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	GE	Green Sandpiper	*Tringa ochropus*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	GK	Greenshank	*Tringa nebularia*	Green	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Summer_2022	HVP44	Ballybeg Bog	12-08-22	AUGUST	KC	08:15	11:15	0	Yes	Dry	1	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	3	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	19-08-22	AUGUST	KC	14:15	17:15	6	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E	CU	Curlew	*Numenius arquata*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	18	No notes
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	20	No notes
Summer_2022	HVP44	Ballybeg Bog	10-09-22	SEPTEMBER	KC	12:45	15:45	0	Yes	Dry	1	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	DN	Dunlin	*Calidris alpina*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	17	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP44	Ballybeg Bog	18-09-22	SEPTEMBER	KC	08:45	11:45	8	Yes	Dry	1	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	30	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	45	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	30	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	150	About 150 LB in the roost
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	11	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	11-10-22	MIGRATION	KC	15:45	18:45	7	Yes	Dry	3	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	14-10-22	OCTOBER	KC	14:15	17:15	5	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Winter_2022_2023	HVP44	Ballybeg Bog	14-10-22	OCTOBER	KC	14:15	17:15	5	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	14-10-22	OCTOBER	KC	14:15	17:15	5	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	54	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	14-10-22	OCTOBER	KC	14:15	17:15	5	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	45	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	30	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	17-10-22	OCTOBER	KC	13:00	16:00	5	Yes	Dry	4	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	17	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	7	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	SN	Snipe	*Gallinago gallinago*	Red	No	6	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2022	HVP44	Ballybeg Bog	25-10-22	MIGRATION	KC	07:50	10:50	7	Yes	Dry	2	S	SD	Stock Dove	*Columba oenas*	Red	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	08-11-22	NOVEMBER	KC	11:15	14:15	7	Yes	passing showers	4	S	SN	Snipe	*Gallinago gallinago*	Red	No	8	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	16	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	80	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Juvenile/Ringtail
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	19-11-22	NOVEMBER	KC	08:00	11:00	8	Yes	Dry	1	S	SD	Stock Dove	*Columba oenas*	Red	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes

Winter_2022_2023	HVP44	Ballybeg Bog	06-12-22	DECEMBER	KC	10:30	13:30	Not recorded	Yes	Dry	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N	L.	Lapwing	*Vanellus vanellus*	Red	No	16	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-12-22	DECEMBER	KC	09:30	12:30	0	Yes	Dry	1	N	SH	Sparrowhawk	*Accipiter nisus*	Green	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-01-23	JANUARY	KC	09:00	12:00	1	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-01-23	JANUARY	KC	09:00	12:00	1	Yes	Dry	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-01-23	JANUARY	KC	09:00	12:00	1	Yes	Dry	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-01-23	JANUARY	KC	09:00	12:00	1	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	16-01-23	JANUARY	KC	09:00	12:00	1	Yes	Dry	1	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	28-01-23	JANUARY	KC	10:00	13:00	8	Yes	Dry	1	SW	SD	Stock Dove	*Columba oenas*	Red	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-02-23	FEBRUARY	KC	10:00	13:00	1	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-02-23	FEBRUARY	KC	10:00	13:00	1	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-02-23	FEBRUARY	KC	10:00	13:00	1	Yes	Dry	1	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-02-23	FEBRUARY	KC	10:00	13:00	1	Yes	Dry	1	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	18-02-23	FEBRUARY	KC	14:30	17:30	8	Yes	Dry	3	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	05-03-23	MARCH	KC	14:30	17:30	8	Yes	Dry	2	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	5	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	22-03-23	Spring Migration	KC	07:00	10:00	4	Yes	Dry	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	3	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes

Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	30-03-23	MARCH	KC	14:30	17:30	7	Yes	occ. Showers	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2022_2023	HVP44	Ballybeg Bog	07-04-23	Spring Migration	KC	11:30	14:30	3	Yes	Dry	1	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	19-04-23	APRIL	KC	09:30	12:30	7	Yes	Dry	3	E	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	3	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	ET	Little Egret	*Egretta garzetta*	Green	Yes	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-04-23	APRIL	KC	09:30	12:30	2	Yes	Dry	2	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No Notes
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	05-05-23	MAY	KC	12:30	15:30	4	Yes	Dry	2	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	23-05-23	MAY	KC	09:45	12:45	7	Yes	Dry	2	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	12:30	15:30	2	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	12:30	15:30	2	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	12:30	15:30	2	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	12:30	15:30	2	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	Carrying Prey
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	hunting
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	07-06-23	JUNE	KC	14:30	17:30	7	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-07-23	JULY	KC	13:00	16:00	7	Yes	Dry	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	25-07-23	JULY	KC	10:30	13:30	2	Yes	Dry	1	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	15-08-23	AUGUST	KC	13:00	16:00	7	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	15-08-23	AUGUST	KC	13:00	16:00	7	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Summer_2023	HVP44	Ballybeg Bog	15-08-23	AUGUST	KC	13:00	16:00	7	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	15-08-23	AUGUST	KC	13:00	16:00	7	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	3	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	24-08-23	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	35	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	40	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	7	No Notes
Summer_2023	HVP44	Ballybeg Bog	04-09-23	SEPTEMBER	KC	14:00	17:00	1	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	45	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP44	Ballybeg Bog	12-09-23	SEPTEMBER	KC	09:45	12:45	3	Yes	Dry	2	NE	T.	Teal	*Anas crecca*	Amber	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by HC
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-10-23	OCTOBER	KC	08:45	11:45	8	Yes	Dry	1	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	9	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	12	No Notes

Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	35	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	45	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	10-10-23	MIGRATION	KC	15:45	18:45	8	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	SN	Snipe	*Gallinago gallinago*	Red	No	20	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	SN	Snipe	*Gallinago gallinago*	Red	No	6	No Notes
Autumn_Migration_2023	HVP44	Ballybeg Bog	26-10-23	MIGRATION	KC	08:15	11:15	5	Yes	Dry	2	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	5	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	4	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	16	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	SN	Snipe	*Gallinago gallinago*	Red	No	8	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	27-10-23	OCTOBER	KC	11:30	14:30	4	Yes	Dry	1	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	07-11-23	NOVEMBER	KC	09:00	12:00	1	Yes	Dry	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	07-11-23	NOVEMBER	KC	09:00	12:00	1	Yes	Dry	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	07-11-23	NOVEMBER	KC	09:00	12:00	1	Yes	Dry	2	W	SN	Snipe	*Gallinago gallinago*	Red	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	07-11-23	NOVEMBER	KC	09:00	12:00	1	Yes	Dry	2	W	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	flying high overhead
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	5	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	21-11-23	NOVEMBER	KC	09:00	12:00	6	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	adult female ringtail
Winter_2023_2024	HVP44	Ballybeg Bog	09-12-23	DECEMBER	KC	13:00	16:00	6	Yes	Dry	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	09-12-23	DECEMBER	KC	13:00	16:00	6	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	09-12-23	DECEMBER	KC	13:00	16:00	6	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	09-12-23	DECEMBER	KC	13:00	16:00	6	Yes	Dry	4	W	SN	Snipe	*Gallinago gallinago*	Red	No	6	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	11	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-12-23	DECEMBER	KC	10:30	13:30	8	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-01-24	JANUARY	KC	10:45	13:45	7	Yes	Dry	1	NE	SN	Snipe	*Gallinago gallinago*	Red	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-01-24	JANUARY	KC	10:45	13:45	7	Yes	Dry	1	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-01-24	JANUARY	KC	10:45	13:45	7	Yes	Dry	1	NE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	18-01-24	JANUARY	KC	13:00	16:00	0	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	18-01-24	JANUARY	KC	13:00	16:00	0	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	18-01-24	JANUARY	KC	13:00	16:00	0	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	18-01-24	JANUARY	KC	13:00	16:00	0	Yes	Dry	2	NW	SD	Stock Dove	*Columba oenas*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	02-02-24	FEBRUARY	KC	13:00	16:00	8	Yes	light drizzle	3	SW	SD	Stock Dove	*Columba oenas*	Red	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	4	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	35	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	16-02-24	FEBRUARY	KC	07:50	10:50	7	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	5	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	11-03-24	MARCH	KC	09:30	12:30	7	Yes	Dry	1	W	T.	Teal	*Anas crecca*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	15-03-24	MARCH	KC	09:10	12:10	7	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N	SN	Snipe	*Gallinago gallinago*	Red	No	5	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	20-03-24	Spring Migration	KC	09:20	12:20	7	Yes	Dry	3	N	SD	Stock Dove	*Columba oenas*	Red	No	3	No Notes

Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	3	No Notes
Winter_2023_2024	HVP44	Ballybeg Bog	23-03-24	Spring Migration	KC	15:50	18:50	4	Yes	Dry	3	NW	SD	Stock Dove	*Columba oenas*	Red	No	4	No Notes
Summer_2024	HVP44	Ballybeg Bog	19-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	19-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2024	HVP44	Ballybeg Bog	19-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	19-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	SV	Shoveler	*Anas clypeata*	Red	No	2	Shovelers - spelled out by surveyor
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by crow
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	22-04-24	APRIL	KC	14:15	17:15	8	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP44	Ballybeg Bog	20-05-24	MAY	KC	15:00	18:00	3	Yes	Dry	1	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP44	Ballybeg Bog	31-05-24	MAY	KC	11:30	14:30	1	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 17:13	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	4	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 17:14	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 17:16	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Mobbed by Hooded Crow
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 17:18	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 21:28	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 21:31	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	2	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 21:33	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Mobbed by crow
Winter_2024_2025	HVP44	Ballybeg Bog	03/10/2024, 21:36	OCTOBER	GP	10:30	13:30	7	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:03		GP	10:30	13:30	4	Yes	Dry	4		BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:06		GP	10:30	13:30	4	Yes	Dry	4		PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Flying and perching
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:09		GP	10:30	13:30	4	Yes	Dry	4		LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	14	Flying
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:12		GP	10:30	13:30	4	Yes	Dry	4		GE	Green Sandpiper	*Tringa ochropus*	Green	No	2	Flying

Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:14		GP	10:30	13:30	4	Yes	Dry	4		CS	Common Sandpiper	*Actitis hypoleucos*	Amber	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:16		GP	10:30	13:30	4	Yes	Dry	4		LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	12	Flying out of site
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:18		GP	10:30	13:30	4	Yes	Dry	4		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying over
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:20		GP	10:30	13:30	4	Yes	Dry	4		SN	Snipe	*Gallinago gallinago*	Red	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	04/09/2024, 12:23		GP	10:30	13:30	4	Yes	Dry	4		MA	Mallard	*Anas platyrhynchos*	Amber	No	9	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	06/02/2025, 10:15		KC	09:45	12:45	1	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	06/02/2025, 10:45		KC	09:45	12:45	1	Yes	Dry	2		H.	Grey Heron	*Ardea cinerea*	Green	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	06/02/2025, 11:40		KC	09:45	12:45	1	Yes	Dry	2		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	06/02/2025, 12:24		KC	09:45	12:45	1	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	08/07/2024, 15:00		BP	07:00	10:00	7	Yes	Dry	1		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	08/07/2024, 15:31	JULY	BP	07:00	10:00	7	Yes	Dry	1		BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	Juvenile flying
Summer_2024	HVP44	Ballybeg Bog	09/07/2024, 14:53		BP	07:00	10:00	7	Yes	Dry	1		BZ	Buzzard	*Buteo buteo*	Green	No	1	Hunting
Summer_2024	HVP44	Ballybeg Bog	09/07/2024, 14:55		BP	07:00	10:00	7	Yes	Dry	1		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	09/09/2024, 14:40		KC	13:30	16:30	3	Yes	Dry	4		LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	Flying into site
Summer_2024	HVP44	Ballybeg Bog	09/09/2024, 14:48		KC	13:30	16:30	3	Yes	Dry	4		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hovering
Summer_2024	HVP44	Ballybeg Bog	09/09/2024, 15:34		KC	13:30	16:30	3	Yes	Dry	4		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Summer_2024	HVP44	Ballybeg Bog	09/09/2024, 15:43		KC	13:30	16:30	3	Yes	Dry	4		PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Flying
Summer_2024	HVP44	Ballybeg Bog	09/09/2024, 16:10		KC	13:30	16:30	3	Yes	Dry	4		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 13:23		KC	13:00	16:00	8	Yes	Dry	3		SD	Stock Dove	*Columba oenas*	Red	No	5	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 14:30		KC	13:00	16:00	8	Yes	Dry	3		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 15:19		KC	13:00	16:00	8	Yes	Dry	3		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 15:20		KC	13:00	16:00	8	Yes	Dry	3		SN	Snipe	*Gallinago gallinago*	Red	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 15:21		KC	13:00	16:00	8	Yes	Dry	3		MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Pair flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/02/2025, 16:07		KC	13:00	16:00	8	Yes	Dry	3		H.	Grey Heron	*Ardea cinerea*	Green	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 11:23		KC	10:30	13:30	1	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	2	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 11:31		KC	10:30	13:30	1	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	4	Circling and calling
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 12:25		KC	10:30	13:30	1	Yes	Dry	2		RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 12:26		KC	10:30	13:30	1	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 13:07		KC	10:30	13:30	1	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	10/03/2025, 14:14		KC	10:30	13:30	1	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	2	Flying

Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 13:35	JUNE	KC	09:30	12:30	6	Yes	Dry	2		BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	Adult
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 13:51		BP	09:30	12:30	6	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Soaring
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 14:12		BP	09:30	12:30	6	Yes	Dry	2		MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Pair
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 15:04		BP	09:30	12:30	6	Yes	Dry	2		ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 15:06		BP	09:30	12:30	6	Yes	Dry	2		BZ	Buzzard	*Buteo buteo*	Green	No	1	Soaring
Summer_2024	HVP44	Ballybeg Bog	10/06/2024, 15:08		BP	09:30	12:30	6	Yes	Dry	2		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Juvenile
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 12:03		KC	11:30	14:30	7	Yes	Dry	2		ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 13:00		KC	11:30	14:30	7	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	8	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 13:02		KC	11:30	14:30	7	Yes	Dry	2		ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 14:07		KC	11:30	14:30	7	Yes	Dry	2		MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	11/12/2024, 14:25		KC	11:30	14:30	7	Yes	Dry	2		SD	Stock Dove	*Columba oenas*	Red	No	6	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 14:17		KC	13:30	16:30	3	Yes	Dry	2		MS	Mute Swan	*Cygnus olor*	Amber	No	1	Flew into site
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 14:33		KC	13:30	16:30	3	Yes	Dry	2		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 14:57		KC	13:30	16:30	3	Yes	Dry	2		K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 15:17		KC	13:30	16:30	3	Yes	Dry	2		GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	110	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 15:56		KC	13:30	16:30	3	Yes	Dry	2		MA	Mallard	*Anas platyrhynchos*	Amber	No	7	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	14/01/2025, 16:05		KC	13:30	16:30	3	Yes	Dry	2		SN	Snipe	*Gallinago gallinago*	Red	No	2	Flying
Summer_2024	HVP44	Ballybeg Bog	19/09/2024, 14:25										BZ	Buzzard	*Buteo buteo*	Green	No	5	Soaring and calling
Summer_2024	HVP44	Ballybeg Bog	19/09/2024, 14:27										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	19/12/2024, 10:55										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	19/12/2024, 11:41										BZ	Buzzard	*Buteo buteo*	Green	No	1	Mobbed by crows
Winter_2024_2025	HVP44	Ballybeg Bog	19/12/2024, 12:10										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/01/2025, 13:44										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/01/2025, 14:25										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/01/2025, 14:27										T.	Teal	*Anas crecca*	Amber	No	4	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/01/2025, 15:48										SN	Snipe	*Gallinago gallinago*	Red	No	5	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/03/2025, 17:26										MA	Mallard	*Anas platyrhynchos*	Amber	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	20/03/2025, 17:28										GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	7	Flying
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 12:24										BZ - Buzzard	Buzzard	*Buteo buteo*	Green	No	1	Hunting
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 12:31										K. - Kestrel	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting

Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 12:47										SH	Sparrowhawk	*#N/A*	#N/A	#N/A	1	Hunting
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 13:00										BZ - Buzzard	Buzzard	*Buteo buteo*	Green	No	1	Soaring
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 14:09										H. - Grey Heron	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 14:10										ET - Little Egret	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Summer_2024	HVP44	Ballybeg Bog	23/08/2024, 14:12										PE - Peregrine	Peregrine	*Falco peregrinus*	Green	Yes	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	23/10/2024, 15:05										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/10/2024, 15:50										SN	Snipe	*Gallinago gallinago*	Red	No	4	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/10/2024, 15:52										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/10/2024, 16:51										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/10/2024, 17:30										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 10:45										WK	Woodcock	*Scolopax rusticola*	Red	No	1	Flushed
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 11:10										MA	Mallard	*Anas platyrhynchos*	Amber	No	25	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 12:20										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 12:53										ET	Little Egret	*Egretta garzetta*	Green	Yes	3	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 13:00										MA	Mallard	*Anas platyrhynchos*	Amber	No	5	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	23/11/2024, 13:01										SN	Snipe	*Gallinago gallinago*	Red	No	7	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	24/03/2025, 10:26										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	24/03/2025, 12:02										BZ	Buzzard	*Buteo buteo*	Green	No	1	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	24/03/2025, 12:03										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	24/03/2025, 12:16										BZ	Buzzard	*Buteo buteo*	Green	No	3	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	24/03/2025, 13:37										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	15	Flying
Summer_2024	HVP44	Ballybeg Bog	24/06/2024, 12:19	JUNE	BP	10:30	13:30	7	Yes	Dry	4		BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	Flying
Summer_2024	HVP44	Ballybeg Bog	24/06/2024, 13:07		BP	10:30	13:30	7	Yes	Dry	4		MA	Mallard	*Anas platyrhynchos*	Amber	No	5	1 male
Summer_2024	HVP44	Ballybeg Bog	24/06/2024, 13:33		BP	10:30	13:30	7	Yes	Dry	4		BZ	Buzzard	*Buteo buteo*	Green	No	1	Circling
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 15:34										HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Mobbed by crows
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 15:40										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 16:05										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 16:08										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 16:31										BZ	Buzzard	*Buteo buteo*	Green	No	2	Flying and calling
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 16:46										T.	Teal	*Anas crecca*	Amber	No	2	Flying

Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 17:34										SN	Snipe	*Gallinago gallinago*	Red	No	4	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 17:39										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	180	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/10/2024, 17:51										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 13:39										SN	Snipe	*Gallinago gallinago*	Red	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 13:40										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 14:13										ML	Merlin	*Falco columbarius*	Amber	Yes	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 14:38										ML	Merlin	*Falco columbarius*	Amber	Yes	1	Hunting
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 15:08										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	25/11/2024, 15:27										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Summer_2024	HVP44	Ballybeg Bog	26/06/2024, 12:48		BP	10:30	13:30	7	Yes	Dry	4		H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	26/06/2024, 12:49		BP	10:30	13:30	7	Yes	Dry	4		BZ	Buzzard	*Buteo buteo*	Green	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	27/11/2024, 11:46										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	27/11/2024, 13:24										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	27/11/2024, 13:34										SN	Snipe	*Gallinago gallinago*	Red	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 13:55										SD	Stock Dove	*Columba oenas*	Red	No	7	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 14:15										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	35	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 14:20										GE	Green Sandpiper	*Tringa ochropus*	Green	No	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 14:35										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	35	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	28/11/2024, 16:25										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2024	HVP44	Ballybeg Bog	30/07/2024, 12:36										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Adult flying
Summer_2024	HVP44	Ballybeg Bog	30/07/2024, 13:19										BZ	Buzzard	*Buteo buteo*	Green	No	1	Soaring
Summer_2024	HVP44	Ballybeg Bog	30/07/2024, 14:09										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting and landing, adult male
Winter_2024_2025	HVP44	Ballybeg Bog	31/03/2025, 07:44										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	31/03/2025, 08:58										MA	Mallard	*Anas platyrhynchos*	Amber	No	3	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	31/03/2025, 08:59										T.	Teal	*Anas crecca*	Amber	No	2	Flying
Winter_2024_2025	HVP44	Ballybeg Bog	31/03/2025, 09:15										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Flying
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	B.	Blackbird	*Turdus merula*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	B.	Blackbird	*Turdus merula*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	B.	Blackbird	*Turdus merula*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	BZ	Buzzard	*Buteo buteo*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	CH	Chaffinch	*Fringilla coelebs*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	GO	Goldfinch	*Carduelis carduelis*	Green	No	2	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	GO	Goldfinch	*Carduelis carduelis*	Green	No	1	

Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	H.	Grey Heron	*Ardea cinerea*	Green	No	2	
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	HC	Hooded Crow	*Corvus cornix*	Green	No	2	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	HC	Hooded Crow	*Corvus cornix*	Green	No	2	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	HC	Hooded Crow	*Corvus cornix*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	HC	Hooded Crow	*Corvus cornix*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	JD	Jackdaw	*Corvus monedula*	Green	No	2	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	JD	Jackdaw	*Corvus monedula*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	7	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	LI	Linnet	*Carduelis cannabina*	Amber	No	2	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	LI	Linnet	*Carduelis cannabina*	Amber	No	2	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	MG	Magpie	*Pica pica*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	08-05-24	May	BP	22:20	22:45	4	V. Good	Dry	2	not recorded	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	calling
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	MP	Meadow Pipit	*Anthus pratensis*	Red	No	2	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	MP	Meadow Pipit	*Anthus pratensis*	Red	No	5	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	5	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	6	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	4	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	MP	Meadow Pipit	*Anthus pratensis*	Red	No	4	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	2	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	3	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	R.	Robin	*Erithacus rubecula*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	R.	Robin	*Erithacus rubecula*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RO	Rook	*Corvus frugilegus*	Green	No	8	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	SK	Siskin	Carduelis spinus			1	
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	S.	Skylark	*Alauda arvensis*	Amber	No	3	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	S.	Skylark	*Alauda arvensis*	Amber	No	1	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	S.	Skylark	*Alauda arvensis*	Amber	No	3	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	S.	Skylark	*Alauda arvensis*	Amber	No	3	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	S.	Skylark	*Alauda arvensis*	Amber	No	2	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	S.	Skylark	*Alauda arvensis*	Amber	No	5	
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe	*Gallinago gallinago*	Red	No	10	flushed
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe	*Gallinago gallinago*	Red	No	2	flushed
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe	*Gallinago gallinago*	Red	No	2	drumming
Summer_2023	HVP46	Pope's Bog (South)	05-04-23	April	BP	19:40	21:00	7	Good	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	4	chipping and drumming (2 chipping/ 2 drumming)
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	ST	Song Thrush	*Turdus philomelos*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	ST	Song Thrush	*Turdus philomelos*	Green	No	2	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	ST	Song Thrush	*Turdus philomelos*	Green	No	2	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	SG	Starling	*Sturnus vulgaris*	Amber	No	3	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	SG	Starling	*Sturnus vulgaris*	Amber	No	4	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	SG	Starling	*Sturnus vulgaris*	Amber	No	2	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	SG	Starling	*Sturnus vulgaris*	Amber	No	4	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	SG	Starling	*Sturnus vulgaris*	Amber	No	3	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	SC	Stonechat	*Saxicola rubicola*	Green	No	1	

Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	SC	Stonechat	*Saxicola rubicola*	Green	No	2	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	SC	Stonechat	*Saxicola rubicola*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	SL	Swallow	Hirundo rustica			1	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	SL	Swallow	Hirundo rustica			2	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	SL	Swallow	Hirundo rustica			3	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	SL	Swallow	Hirundo rustica			2	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WH	Whitethroat	*Sylvia communis*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	WH	Whitethroat	*Sylvia communis*	Green	No	1	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	1	
Summer_2023	HVP46	Pope's Bog (South)	05-04-23	April	BP	19:40	21:00	7	Good	Dry	2	NW	WK	Woodcock	*Scolopax rusticola*	Red	No	1	roding
Summer_2022	HVP46	Pope's Bog (South)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	WR	Wren	*Troglodytes troglodytes*	Green	No	1	
Summer_2022	HVP46	Pope's Bog (South)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WR	Wren	*Troglodytes troglodytes*	Green	No	1	
Summer_2023	HVP46	Pope's Bog (South)	14-04-23	April	BP	11:25	12:10	3-4	V. Good	Dry	3	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	2	
Summer_2023	HVP46	Pope's Bog (South)	30-05-23	May	BP	07:15	07:50	0	V. Good	Dry	1	NE	WR	Wren	*Troglodytes troglodytes*	Green	No	2	
Summer_2024	HVP46	Pope's Bog (South)	18-04-24	April	BP	14:30	15:00	8	V. Good	Dry	3	W	WR	Wren	*Troglodytes troglodytes*	Green	No	2	
Summer_2024	HVP46	Pope's Bog (South)	01-06-24	June	BP	08:22	08:50	0	V. Good	Dry	1	N	WR	Wren	*Troglodytes troglodytes*	Green	No	2	
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	B.	Blackbird	*Turdus merula*	Green	No	Not recorded	No Notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	BC	Blackcap	*Sylvia atricapilla*	Green	No	Not recorded	No Notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	9	No notes
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	13	No notes
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	25	No notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	10:50	13:50	4	Yes	light rain	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	10:50	13:50	4	Yes	light rain	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	07:45	10:45	3	Yes	Dry	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	08:40	11:40	5	Yes	drizzle	1	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	08:15	11:15	4	Yes	Dry	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	17-06-21	JUNE	BP	14:50	17:50	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	stoops for prey
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by a 2nd BZ
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-12-21	NOVEMBER	KC	08:50	11:50	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-12-22	DECEMBER	KC	13:00	16:00	0	Yes	Dry	1	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	3	No Notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	4	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	flew from poplar tree
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	5	displaying, soaring
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	hunting
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	13/07/2024, 11:23										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 12:15										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 13:09										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:05										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:09										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting and displaying, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 15:31										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 15:39										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 15:45										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, displaying, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 12:14										BZ	Buzzard	*Buteo buteo*	Green	No	1	gebder undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 12:22										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 13:10										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 14:05										BZ	Buzzard	*Buteo buteo*	Green	No	2	gender undefined, commuting and calling, juveniles
Summer_2024	HVP47	Inch Bog	09/08/2024, 17:08										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 17:22										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 11:33										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, being mobbed by a pair of kestrels, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 17:31										BZ	Buzzard	*Buteo buteo*	Green	No	1	gender undefined, hunting, adult

Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 13:28										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 13:50										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 14:22										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 15:28										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 15:49										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 15:51										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:37										BZ	Buzzard	*Buteo buteo*	Green	No	1	.
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	CH	Chaffinch	*Fringilla coelebs*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	CC	Chiffchaff	*Phylloscopus collybita*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	CT	Coal Tit	*Periparus ater*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	FR	Common Redpoll	*Carduelis flammea*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	NA	No notes
Winter_2021_2022	HVP47	Inch Bog	13-01-22	DECEMBER	KC	12:00	15:00	8	Yes	Dry	1	S	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	1	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	1	No Notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	CK	Cuckoo	*Cuculus canorus*	Green	No	Not recorded	calling
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	CK	Cuckoo	*Cuculus canorus*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	D.	Dunnock	*Prunella modularis*	Green	No	NA	No notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	D.	Dunnock	*Prunella modularis*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	FP	Feral Pigeon	*Columba livia*	Green	No	NA	No notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	GC	Goldcrest	*Regulus regulus*	Amber	No	NA	No notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	GC	Goldcrest	*Regulus regulus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	GC	Goldcrest	*Regulus regulus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	GC	Goldcrest	*Regulus regulus*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	GC	Goldcrest	*Regulus regulus*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	GC	Goldcrest	*Regulus regulus*	Amber	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	08:15	11:15	4	Yes	Dry	4	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	24	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	26	landed on bog
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	26	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	270	No notes

Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	4	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	52	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	380	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	22	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	380	No notes
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	8	No notes
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	7	No notes
Winter_2021_2022	HVP47	Inch Bog	21-12-21	NOVEMBER	KC	08:50	11:50	8	Yes	Dry	1	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	26	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	5	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	26	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	22	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	80	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	45	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	2	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	4	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	16	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	25	No notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	30	No notes
Winter_2022_2023	HVP47	Inch Bog	16-11-22	NOVEMBER	KC	08:15	11:15	1	Yes	Dry	1	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	3	No notes
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	5	No notes
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	20	No notes
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	25	No notes
Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	50	No notes
Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	40	No notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	32	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	12	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	34	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	80	time in height band estimated
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	40	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	60	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	100	estimated
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	28	resting on reverted area
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	4	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	5	No Notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	13-01-22	DECEMBER	KC	12:00	15:00	8	Yes	Dry	1	S	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No notes

Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	GN	Goldeneye	*Bucephala clangula*	Red	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	GN	Goldeneye	*Bucephala clangula*	Red	No	1	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	GO	Goldfinch	*Carduelis carduelis*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	GT	Great Tit	*Parus major*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	GT	Great Tit	*Parus major*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	GT	Great Tit	*Parus major*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	GT	Great Tit	*Parus major*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	GT	Great Tit	*Parus major*	Green	No	Not recorded	No Notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	GK	Greenshank	*Tringa nebularia*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	07:45	10:45	3	Yes	Dry	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	08:40	11:40	5	Yes	drizzle	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	08:40	11:40	5	Yes	drizzle	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes

Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	joined by 2nd H. briefly as they soar together
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	06:30	09:30	8	Yes	Dry	1	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	3	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes

Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-11-22	NOVEMBER	KC	08:15	11:15	1	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	23-02-23	FEBRUARY	KC	10:00	13:00	0	Yes	Dry	2	N	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	3	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	perched in three tops
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	13/07/2024, 09:52										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 10:46										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult, landed. 2 H.s together where it landed
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:35										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 13:55										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, landed on bog, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 15:22										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 16:03										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult

Summer_2024	HVP47	Inch Bog	20/08/2024, 13:03										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 13:59										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, commuting, landed on ground next to water body, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 16:14										H.	Grey Heron	*Ardea cinerea*	Green	No	1	gender undefined, comuting, adult
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	HG	Herring Gull	*Larus argentatus*	Amber	No	2	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes

Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	HM	House Martin	*Delichon urbicum*	Amber	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	JD	Jackdaw	*Corvus monedula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	JD	Jackdaw	*Corvus monedula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	JD	Jackdaw	*Corvus monedula*	Green	No	Not recorded	No Notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	J.	Jay	*Garrulus glandarius*	Green	No	Not recorded	No notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	J.	Jay	*Garrulus glandarius*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	10:50	13:50	4	Yes	light rain	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	07:45	10:45	3	Yes	Dry	2	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	11:15	14:15	3	Yes	Dry	2	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	12:17	15:17	6	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	12:17	15:17	6	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	same bird as 16
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	same bird as 15
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	landed on bog
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	landed in trees
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	landed in bog
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	11:50	14:50	4	Yes	drizzle shower	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	07:00	10:00	8	Yes	Dry	5	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	#REF!
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	#REF!
Summer_2021	HVP47	Inch Bog	13-04-21	APRIL	BP	12:40	15:40	5	Yes	Dry	1	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	04-05-21	MAY	BP	16:00	19:00	7	Yes	occasional short hail showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	displaying with Kestrel female, both landing in suspected nest tree
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by RO
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	rises as high as over 300m to hover and hunt, BZ soaring close by
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	with K. female mobbing Bz perched low, perhaps newly fledged juvenile K. nearby
Summer_2021	HVP47	Inch Bog	06-07-21	JULY	BP	08:55	11:55	8	Yes	Occasional showers/drizzle	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	3rd K. in are
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobs BZ briefly
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	hunting SG high in air, stoops after it towards ground - unusual behaviour
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. Hunting close by
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	05-08-21	AUGUST	BP	08:45	11:45	8	Yes	few light showers	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP47	Inch Bog	01-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-05-22	MAY	KC	13:30	16:30	1	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-11-22	NOVEMBER	KC	08:15	11:15	1	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-11-22	NOVEMBER	KC	08:15	11:15	1	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-12-22	DECEMBER	KC	13:00	16:00	0	Yes	Dry	1	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	caught prey
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	female juvenile hunting dragonflies
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	female juvenile hunting dragonflies and perched on turf bank

Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP47	Inch Bog	13/07/2024, 12:16										K.	Kestrel	*Falco tinnunculus*	Red	No	1	male, commuting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 13:26										K.	Kestrel	*Falco tinnunculus*	Red	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:47										K.	Kestrel	*Falco tinnunculus*	Red	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 11:48										K.	Kestrel	*Falco tinnunculus*	Red	No	1	female, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 15:41										K.	Kestrel	*Falco tinnunculus*	Red	No	1	female, hunting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 15:51										K.	Kestrel	*Falco tinnunculus*	Red	No	1	gender undefined, hunting, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 11:31										K.	Kestrel	*Falco tinnunculus*	Red	No	2	one female, the other gender undefined, hunting, mobbing a BZ at about 170s, one adult, the other age unknown
Summer_2024	HVP47	Inch Bog	20/08/2024, 11:39										K.	Kestrel	*Falco tinnunculus*	Red	No	1	female, hunting, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 12:34										K.	Kestrel	*Falco tinnunculus*	Red	No	1	gender undefined, hunting, age not known
Summer_2024	HVP47	Inch Bog	20/08/2024, 12:45										K.	Kestrel	*Falco tinnunculus*	Red	No	1	female, hunting, adult
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 13:43										K.	Kestrel	*Falco tinnunculus*	Red	No	1	.
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:03										K.	Kestrel	*Falco tinnunculus*	Red	No	1	.
Summer_2021	HVP47	Inch Bog	29-04-21	APRIL	BP	16:00	19:00	7	Yes	showers clearing to dry	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-12-22	DECEMBER	KC	13:00	16:00	0	Yes	Dry	1	N	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	11:15	14:15	3	Yes	Dry	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No Notes
Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	12:17	15:17	6	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes

Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	35	No notes
Winter_2021_2022	HVP47	Inch Bog	13-01-22	DECEMBER	KC	12:00	15:00	8	Yes	Dry	1	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	37	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	16	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	15	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Summer_2022	HVP47	Inch Bog	24-08-22	AUGUST	KC	13:30	16:30	4	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP47	Inch Bog	10-09-22	SEPTEMBER	KC	09:15	12:15	7	Yes	Dry	1	E	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP47	Inch Bog	23-09-22	SEPTEMBER	KC	13:00	16:00	7	Yes	light drizzle	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	15	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	25	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	7	No notes
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	20	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2024	HVP47	Inch Bog	09/08/2024, 15:21										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	gender undefined, commuting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 17:17										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	gender undefined, commuting, adults
Summer_2024	HVP47	Inch Bog	20/08/2024, 16:01										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	gender undefined, commuting, juvenile
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:21										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	.
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	No notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	LI	Linnet	*Carduelis cannabina*	Amber	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	07:15	10:15	6	Yes	heavy rain	4	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2020_2021	HVP47	Inch Bog	31-10-20	OCTOBER	SK	10:50	13:50	4	Yes	light rain	3	W	ET	Little Egret	*Egretta garzetta*	Green	Yes	2	No notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	11:15	14:15	3	Yes	Dry	2	W	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes

Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	MG	Magpie	*Pica pica*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	MG	Magpie	*Pica pica*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	MG	Magpie	*Pica pica*	Green	No	NA	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	MG	Magpie	*Pica pica*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	MG	Magpie	*Pica pica*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes

Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	24	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	9	No notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	8	No notes
Winter_2022_2023	HVP47	Inch Bog	29-01-23	JANUARY	KC	11:00	14:00	8	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No notes
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP47	Inch Bog	14-03-23	MARCH	KC	12:30	15:30	5	Yes	showers	2	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	MA	Mallard	*Anas platyrhynchos*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes

Summer_2024	HVP47	Inch Bog	13/07/2024, 11:42										MA	Mallard	*Anas platyrhynchos*	Amber	No	3	3 females, commuting, adult. one of females with 4 ducklings on water
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:18										MA	Mallard	*Anas platyrhynchos*	Amber	No	1	female, commuting, adult
Summer_2024	HVP47	Inch Bog	09/08/2024, 13:14										MA	Mallard	*Anas platyrhynchos*	Amber	No	4	gender undefined, commuting, juveniles
Summer_2024	HVP47	Inch Bog	09/08/2024, 13:47										MA	Mallard	*Anas platyrhynchos*	Amber	No	1	gender undefined, could be female or juvenile, commuting
Summer_2024	HVP47	Inch Bog	09/08/2024, 14:00										MA	Mallard	*Anas platyrhynchos*	Amber	No	5	gender undefined, commuting, presumed juveniles
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 15:32										MA	Mallard	*Anas platyrhynchos*	Amber	No	3	2m 1f
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:22										MA	Mallard	*Anas platyrhynchos*	Amber	No	2	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:46										MA	Mallard	*Anas platyrhynchos*	Amber	No	2	1m 1f
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	No Notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-12-22	DECEMBER	KC	13:00	16:00	0	Yes	Dry	1	N	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes

Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	MH	Moorhen	*Gallinula chloropus*	Green	No	Not recorded	No Notes
Summer_2021	HVP47	Inch Bog	18-06-21	JUNE	BP	12:00	15:00	7	Yes	Dry	2	N	MS	Mute Swan	*Cygnus olor*	Amber	No	1	feeding in a field of cut silage
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-12-21	NOVEMBER	KC	08:50	11:50	8	Yes	Dry	1	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2021_2022	HVP47	Inch Bog	03-01-22	DECEMBER	KC	09:30	12:30	6	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	21-01-22	JANUARY	KC	13:45	16:45	8	Yes	Dry	1	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Summer_2022	HVP47	Inch Bog	19-05-22	MAY	KC	15:00	18:00	4	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Summer_2022	HVP47	Inch Bog	10-08-22	AUGUST	KC	10:00	13:00	0	Yes	Dry	1	E	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2022_2023	HVP47	Inch Bog	05-12-22	DECEMBER	KC	10:30	13:30	7	Yes	light showers	2	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	MS	Mute Swan	*Cygnus olor*	Amber	No	6	2 adults and 4 juveniles
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:11										MS	Mute Swan	*Cygnus olor*	Amber	No	1	.
Summer_2021	HVP47	Inch Bog	03-08-21	AUGUST	BP	14:40	17:40	8	Yes	Dry	3	S	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	2	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes

Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2024	HVP47	Inch Bog	09/08/2024, 14:16										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	gender undefined, hunting - circling the whole time as it moved, adult
Summer_2024	HVP47	Inch Bog	20/08/2024, 13:24										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	gender undefined, hunting, being mobbed by swallow, calling briefly, thought to be a juvenile as breast was brown-tinged
Summer_2024	HVP47	Inch Bog	20/08/2024, 17:10										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	gender undefined, hunting, age unknown
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	PH	Pheasant	*Phasianus colchicus*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes

Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	RN	Raven	*Corvus corax*	Green	No	Not recorded	No notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	RN	Raven	*Corvus corax*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	RN	Raven	*Corvus corax*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	RE	Redwing	*Turdus iliacus*	Red	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	RE	Redwing	*Turdus iliacus*	Red	No	NA	No notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	RE	Redwing	*Turdus iliacus*	Red	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	RE	Redwing	*Turdus iliacus*	Red	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	Not recorded	No Notes
Winter_2022_2023	HVP47	Inch Bog	06-10-22	OCTOBER	KC	11:30	14:30	8	Yes	Dry	4	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	2	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	R.	Robin	*Erithacus rubecula*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	R.	Robin	*Erithacus rubecula*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes

Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	No Notes
Summer_2021	HVP47	Inch Bog	07-05-21	MAY	BP	08:30	11:30	2	Yes	Dry	1	SE	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	small colony in dry vertical turf banks after cut away
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	SK	Siskin	*Carduelis spinus*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	SK	Siskin	*Carduelis spinus*	Green	No	NA	No notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	No Notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	25-01-22	JANUARY	KC	13:30	16:30	8	Yes	Dry	1	S	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	25-02-22	FEBRUARY	KC	09:30	12:30	1	Yes	Dry	1	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Autumn_Migration_2022	HVP47	Inch Bog	17-10-22	MIGRATION	KC	09:30	12:30	5	Yes	Dry	5	SW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	SN	Snipe	*Gallinago gallinago*	Red	No	5	No notes
Winter_2022_2023	HVP47	Inch Bog	19-11-22	NOVEMBER	KC	11:30	14:30	8	Yes	light rain	1	S	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	4	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-11-23	NOVEMBER	GP	14:15	17:15	2	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2024	HVP47	Inch Bog	13/07/2024, 11:07										SN	Snipe	*Gallinago gallinago*	Red	No	3	gender undefined, flying, age unknown. 3rd SN joined toward end of flightline

Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:27									SN	Snipe	*Gallinago gallinago*	Red	No	6	.
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:28									SN	Snipe	*Gallinago gallinago*	Red	No	6	.
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:32									SN	Snipe	*Gallinago gallinago*	Red	No	11	.
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:34									SN	Snipe	*Gallinago gallinago*	Red	No	2	.
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	No notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	ST	Song Thrush	*Turdus philomelos*	Green	No	Not recorded	No Notes

Winter_2020_2021	HVP47	Inch Bog	20-12-20	DECEMBER	SK	08:40	11:40	5	Yes	drizzle	1	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2021	HVP47	Inch Bog	13-04-21	APRIL	BP	12:40	15:40	5	Yes	Dry	1	NE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	moved briefly by small falcon either a male Kestrel or a Merlin
Summer_2021	HVP47	Inch Bog	08-07-21	JULY	BP	11:45	14:45	8	Yes	Dry	1	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	17-10-21	MIGRATION	SK	07:00	10:00	3	Yes	Dry	1	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2021	HVP47	Inch Bog	24-10-21	MIGRATION	SK	14:55	17:55	5	Yes	occ. drizzle	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	16-10-21	OCTOBER	SK	09:00	12:00	4	Yes	occ. drizzle	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	23-10-21	OCTOBER	SK	14:05	17:05	3	Yes	Dry	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	21-12-21	NOVEMBER	KC	08:50	11:50	8	Yes	Dry	1	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	13-01-22	DECEMBER	KC	12:00	15:00	8	Yes	Dry	1	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	12-03-22	MARCH	KC	08:30	11:30	0	Yes	Dry	1	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2022	HVP47	Inch Bog	28-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	16-01-23	JANUARY	KC	12:30	15:30	1	Yes	Dry	1	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	mobbed by a Raven
Winter_2022_2023	HVP47	Inch Bog	13-02-23	FEBRUARY	KC	09:00	12:00	3	Yes	Dry	3	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP47	Inch Bog	09-09-23	SEPTEMBER	GP	14:00	17:00	4	Yes	Dry	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2024	HVP47	Inch Bog	09/08/2024, 15:40										SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	gender undefined, hunting, adult
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	11:45	14:45	6	Yes	showers last 30 mins	3	W	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	10-10-23	OCTOBER	GP	14:00	17:00	6	Yes	Dry	2	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes

Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	SG	Starling	*Sturnus vulgaris*	Amber	No	600	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	SG	Starling	*Sturnus vulgaris*	Amber	No	Not recorded	No Notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	No Notes
Summer_2022	HVP47	Inch Bog	22-06-22	JUNE	KC	12:30	15:30	8	Yes	Dry	1	W	Sl	Swift	*Apus apus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	Sl	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP47	Inch Bog	30-06-22	JUNE	KC	08:30	11:30	8	Yes	Dry	1	W	Sl	Swift	*Apus apus*	Red	No	1	No notes
Summer_2022	HVP47	Inch Bog	14-07-22	JULY	KC	12:30	15:30	6	Yes	Dry	1	W	Sl	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	Sl	Swift	*Apus apus*	Red	No	1	No notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	Sl	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2024	HVP47	Inch Bog	20/07/2024, 11:20										Sl	Swift	*Apus apus*	Red	No	1	gender undefined, hunting, adult
Winter_2021_2022	HVP47	Inch Bog	05-12-21	NOVEMBER	KC	08:30	11:30	1	Yes	Dry	2	NW	T.	Teal	*Anas crecca*	Amber	No	2	No notes
Winter_2021_2022	HVP47	Inch Bog	21-02-22	FEBRUARY	KC	14:00	17:00	6	Yes	Dry	1	W	T.	Teal	*Anas crecca*	Amber	No	1	No notes
Winter_2021_2022	HVP47	Inch Bog	22-03-22	MARCH	KC	15:00	18:00	2	Yes	Dry	2	SE	T.	Teal	*Anas crecca*	Amber	No	3	No notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	T.	Teal	*Anas crecca*	Amber	No	25	No notes
Winter_2022_2023	HVP47	Inch Bog	23-03-23	MARCH	KC	12:30	15:30	7	Yes	heavy showers	3	S	T.	Teal	*Anas crecca*	Amber	No	5	No Notes

Winter_2022_2023	HVP47	Inch Bog	07-04-23	Spring Migration	KC	08:00	11:00	2	Yes	Dry	2	SE	T.	Teal	*Anas crecca*	Amber	No	2	No Notes
Winter_2022_2023	HVP47	Inch Bog	03-04-23	Spring Migration	KC	07:30	10:30	8	Yes	Dry	2	SE	T.	Teal	*Anas crecca*	Amber	No	3	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	TC	Treecreeper	*Certhia familiaris*	Green	No	Not recorded	No Notes
Summer_2022	HVP47	Inch Bog	27-07-22	JULY	KC	12:30	15:30	8	Yes	Dry	2	E	W.	Wheatear	*Oenanthe oenanthe*	Amber	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	W.	Wheatear	*Oenanthe oenanthe*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	06-08-23	AUGUST	GP	14:30	17:30	5	Yes	showers	4	NW	W.	Wheatear	*Oenanthe oenanthe*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	W.	Wheatear	*Oenanthe oenanthe*	Amber	No	2	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	WH	Whitethroat	*Sylvia communis*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	07:45	10:45	3	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	No Notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	07:45	10:45	3	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No Notes
Winter_2020_2021	HVP47	Inch Bog	07-11-20	NOVEMBER	SK	11:15	14:15	3	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No Notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	08:15	11:15	4	Yes	Dry	4	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	flew from bog
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	08:15	11:15	4	Yes	Dry	4	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2020_2021	HVP47	Inch Bog	21-01-21	JANUARY	AA	08:15	11:15	4	Yes	Dry	4	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Autumn_Migration_2022	HVP47	Inch Bog	04-11-22	MIGRATION	KC	14:20	17:20	7	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP47	Inch Bog	04-11-22	OCTOBER	KC	10:45	13:45	4	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Spring_Migration_2022	HVP47	Inch Bog	13-04-22	MIGRATION	KC	15:30	18:30	7	Yes	Dry	1	W	WN	Wigeon	*Anas penelope*	Amber	No	3	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	14:00	17:00	6	Yes	Dry	3	SE	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	No notes
Winter_2020_2021	HVP47	Inch Bog	23-03-21	MARCH	AA	10:30	13:30	8	Yes	occ. drizzle	6	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	No notes
Spring_Migration_2022	HVP47	Inch Bog	20-04-22	MIGRATION	KC	14:00	17:00	2	Yes	Dry	2	SE	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-04-23	APRIL	GP	10:30	13:30	4	Yes	Dry	4	SE	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	10-06-23	JUNE	GP	14:00	17:00	7	Yes	showers	2	SE	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	16-10-23	MIGRATION	GP	10:30	13:30	3	Yes	Dry	3	SE	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	WP	Woodpigeon	*Columba palumbus*	Green	No	Not recorded	No Notes
Winter_2020_2021	HVP47	Inch Bog	17-02-21	FEBRUARY	AA	08:20	11:20	4	Yes	Dry	5	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	No notes
Summer_2022	HVP47	Inch Bog	25-04-21	APRIL	KC	15:00	18:00	7	Yes	Dry	1	E	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No notes
Summer_2023	HVP47	Inch Bog	08-05-23	MAY	GP	14:10	17:10	7	Yes	showers	3	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	19-05-23	MAY	GP	14:00	17:00	8	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	03-06-23	JUNE	GP	16:30	19:30	2	Yes	Dry	2	NE	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes

Summer_2023	HVP47	Inch Bog	01-07-23	JULY	GP	14:00	17:00	3	Yes	Dry	4	W	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	24-07-23	JULY	GP	14:00	17:00	6	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	01-08-23	AUGUST	GP	14:00	17:00	7	Yes	Dry	2	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2023	HVP47	Inch Bog	11-08-23	SEPTEMBER	GP	14:30	17:30	3	Yes	showers	4	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Autumn_Migration_2023	HVP47	Inch Bog	04-10-23	MIGRATION	GP	07:00	10:00	7	Yes	Dry	3	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-10-23	OCTOBER	GP	07:30	10:30	4	Yes	early mist	0	0	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	25-11-23	NOVEMBER	GP	12:30	15:30	8	Yes	Dry	1	SE	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	09-12-23	DECEMBER	GP	09:30	12:30	4	Yes	showers	5	W	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	29-12-23	DECEMBER	GP	11:30	14:30	3	Yes	shower	2	W	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	16-01-24	JANUARY	GP	13:30	16:30	1	Yes	Dry	2	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	27-01-24	JANUARY	GP	14:30	17:30	8	Yes	Dry	2	S	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	01-02-24	FEBRUARY	GP	07:30	10:30	4	No	Dry	2	SW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	19-02-24	FEBRUARY	GP	08:20	11:20	6	Yes	Dry	1	W	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	02-03-24	MARCH	GP	07:00	10:00	2	Yes	Dry	3	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	07-03-24	MARCH	GP	09:00	12:00	3	Yes	Dry	2	SE	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	15-03-24	Spring Migration	GP	09:00	12:00	6	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Winter_2023_2024	HVP47	Inch Bog	22-03-24	Spring Migration	GP	09:30	12:30	4	Yes	showers	4	W	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	09-04-24	APRIL	GP	07:00	10:00	3	Yes	Dry	3	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes

Summer_2024	HVP47	Inch Bog	18-04-24	APRIL	GP	07:00	10:00	6	Yes	shower	1	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	07:00	10:00	5	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	24-05-24	MAY	GP	10:30	13:30	7	Yes	Dry	2	NW	WR	Wren	*Troglodytes troglodytes*	Green	No	Not recorded	No Notes
Summer_2024	HVP47	Inch Bog	13/07/2024, 14:43										K.	Kestrel	*#N/A*	#N/A	#N/A	1	sitting on conifer tree
Summer_2024	HVP47	Inch Bog	20/08/2024, 12:58										K.	Kestrel	*#N/A*	#N/A	#N/A	1	male adult perched on ground
Summer_2024	HVP47	Inch Bog	20/08/2024, 13:09										K.	Kestrel	*#N/A*	#N/A	#N/A	1	male adult perched on stick, same male as other pt.
Summer_2024	HVP47	Inch Bog	20/08/2024, 13:11										K.	Kestrel	*#N/A*	#N/A	#N/A	1	female adult perched on birch tree
Summer_2024	HVP47	Inch Bog	20/08/2024, 13:21										H.	Grey Heron	*#N/A*	#N/A	#N/A	1	adult standing next to water body
Winter_2024_2025	HVP47	Inch Bog	09/03/2025, 15:18		MVA								MS	Muter Swan	*#N/A*	#N/A	#N/A	2	on water
Winter_2024_2025	HVP47	Inch Bog	29/03/2025, 16:13										MS	Muter Swan	*#N/A*	#N/A	#N/A	3	on water
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:29										AE	Arctic Tern	*Sterna paradisaea*	Amber	Yes	1	AN Crane sub adult lifts off and away due to disturbance by motor bikes illegally on bog
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	07:20	10:20	7	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	all flying low feeding
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	16	rousting flocks leave area in dribs and drabs over a 32 minute period
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	14:00	17:00	8	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	55	drop in suddenly from height to roos
Winter_2021_2022	HVP48	Inchirourke	21-02-22	FEBRUARY	BP	07:00	10:00	8	Yes	Dry	6	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	17	No notes
Winter_2021_2022	HVP48	Inchirourke	22-02-22	FEBRUARY	BP	12:10	15:10	7	Yes	occasional showers	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes

Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	single nest on pond
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	2nd BH close by
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	65	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	heard on and off at colony north of VP13
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH heard up to 12:30 at colony by VP13 but then quiet
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	14	No Notes
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	same pair as ObsNr 1
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	same pair as ObsNr 2
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes

Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	possible pair investigating nest site used in 2023
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	mobbing LB - BH colony survey on BH colony data tab
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	ca. 15 BH at colony and 2 fledgelings on small pond by VP12 - BH colony survey - see exel sent by BP
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	Drop in from 100 m to 2024 colony by VP12
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No notes
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:14										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	Over VP12 colony almost complete. Must be a juv or 2 left
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:20										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Circle high and away
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:31										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	To VP12 BH colony
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:36										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	Lifts high from and back to VP12 BH colony. Max 6 adults remain there.
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:35										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	Leaving completed BH colony
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	with 2nd BZ for a while
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd Buzzard close by
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	BZ	Buzzard	*Buteo buteo*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	15-02-21	FEBRUARY	BP	11:20	14:20	4	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	15-02-21	FEBRUARY	BP	11:20	14:20	4	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	BZ	Buzzard	*Buteo buteo*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	#REF!
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	16-04-21	APRIL	BP	12:10	15:10	8	Yes	Dry	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	10:50	13:50	7	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	10:50	13:50	7	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	mobbing eath other and all other birds so considered both juveniles by the carry on
Summer_2021	HVP48	Inchirourke	22-09-21	SEPTEMBER	BP	12:35	15:35	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	22-02-22	FEBRUARY	BP	12:10	15:10	7	Yes	occasional showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	22-02-22	FEBRUARY	BP	12:10	15:10	7	Yes	occasional showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	in close association with BZ female, clearly a pair
Winter_2021_2022	HVP48	Inchirourke	17-03-22	MARCH	BP	13:10	16:10	7	Yes	one shower	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ below briefly
Winter_2021_2022	HVP48	Inchirourke	17-03-22	MARCH	BP	13:10	16:10	7	Yes	one shower	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	pair displaying over territory
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	pair together, joined by 2nd male later
Spring_Migration_2022	HVP48	Inchirourke	10-03-22	MIGRATION	BP	10:45	13:45	7	Yes	Dry	5	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	01-04-21	APRIL	BP	06:45	09:45	0	Yes	Dry	1	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ behind briefly
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	2	joined by 3rd BZ but chased off east
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	2	on territory
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	heard calling behind VP12
Summer_2022	HVP48	Inchirourke	09-09-22	SEPTEMBER	BP	15:30	18:30	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd & 3rd BZ soaring below
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	quantity is 1, but says male and female, so 2 BZ?
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	quantity is 1, but says male and female, so 2 BZ?
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	3rd or 4th pair within viewshed
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	with BZ female initially
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	joins 2nd BZ over suspected nest area
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	2	joins 2nd BZ pair over their territory
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	Joins 3rd BZ for a time
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	close to BZ female then soars high
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by 2n BZ
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	08-12-23	DECEMBER	BP	13:15	16:15	7	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	also BZ perched and mewing at known territory
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	10:50	13:50	7	Yes	one short shower	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ briefly above at >200m
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	3	pair joined by 3rd BZ,
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	4th BZ in area
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	13:40	16:40	8	Yes	occ. Heavy showers	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	5	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	possibly 2nd BZ territory in this forestry to east
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Spring_Migration_2025	HVP48	Inchirourke	04-03-25	Spring Migration	BP	13:45	16:45	7-6	Yes	Dry	F4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	3	Circling together
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:16										BZ	Buzzard	*Buteo buteo*	Green	No	2	Probably pair high over known territory
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:22										BZ	Buzzard	*Buteo buteo*	Green	No	1	Close to suspected nest or roost site
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:38										BZ	Buzzard	*Buteo buteo*	Green	No	1	Short display close to known territory
Summer_2024	HVP48	Inchirourke	07/08/2024, 16:24										BZ	Buzzard	*Buteo buteo*	Green	No	1	Very distant soaring
Summer_2024	HVP48	Inchirourke	07/08/2024, 17:46										BZ	Buzzard	*Buteo buteo*	Green	No	2	In close association. Either pair or part of family from known territory east of VP12
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	CT	Coal Tit	*Periparus ater*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	10:50	13:50	7	Yes	one short shower	3	W	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	1	No Notes
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW	CU	Curlew	*Numenius arquata*	Red	No	NA	heard around sunrise, not seen
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	CU	Curlew	*Numenius arquata*	Red	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW	CU	Curlew	*Numenius arquata*	Red	No	1	heard to the north near VP11
Summer_2021	HVP48	Inchirourke	03-09-21	SEPTEMBER	BP	06:25	09:25	8	Yes	Dry	1	NE	CU	Curlew	*Numenius arquata*	Red	No	1	No notes
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE	CU	Curlew	*Numenius arquata*	Red	No	Not recorded	CU heard calling twice east of VP12
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	3	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	CU	Curlew	*Numenius arquata*	Red	No	1	flight calling all the time
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	CU	Curlew	*Numenius arquata*	Red	No	2	No Notes
Spring_Migration_2025	HVP48	Inchirourke	04-03-25	Spring Migration	BP	13:45	16:45	7-6	Yes	Dry	F4	SW	CU	Curlew	*Numenius arquata*	Red	No	1	Lands in
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:42										CU	Curlew	*Numenius arquata*	Red	No	27	CU landing in. Post breeding flock. Visible Autumn Migration
Summer_2024	HVP48	Inchirourke	07/08/2024, 16:22										CU	Curlew	*Numenius arquata*	Red	No	1	Single CU considered post breeder from elsewhere
Summer_2024	HVP48	Inchirourke	07/08/2024, 17:40										CU	Curlew	*Numenius arquata*	Red	No	1	Chased by juv PE, climbs high the drops fast into pond by VP12
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	D.	Dunnock	*Prunella modularis*	Green	No	NA	All species at VPs 11/12 in February 2021

Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	FP	Feral Pigeon	*Columba livia*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	All species at VPs 11/12 in February 2021
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	FF	Fieldfare	*Turdus pilaris*	Green	No	Not recorded	heard - winter arrival
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	25	No notes
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	45	also 140 GP > 200m high c. 3.5km distant to SSE
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	26	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	24	No Notes
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	95	about to land down onto bog twice
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	17	No Notes
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	120	No Notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	GR	Greenfinch	*Carduelis chloris*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	28-10-20	OCTOBER	BP	06:47	09:47	7	Yes	occ. Short showers	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	15-12-20	DECEMBER	BP	11:30	14:30	4	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	15-12-20	DECEMBER	BP	11:30	14:30	4	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	H.	Grey Heron	*Ardea cinerea*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	H.	Grey Heron	*Ardea cinerea*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	07:20	10:20	7	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	2 pe sitting on bog adult male and immature female
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	10:50	13:50	7	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes

Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	24-07-21	JULY	BP	11:00	14:00	2	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	24-07-21	JULY	BP	11:00	14:00	2	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP48	Inchirourke	22-09-21	SEPTEMBER	BP	12:35	15:35	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Autumn_Migration_2021	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	chasing each other
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Winter_2021_2022	HVP48	Inchirourke	18-11-21	NOVEMBER	BP	08:30	11:30	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	14:00	17:00	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	21-02-22	FEBRUARY	BP	07:00	10:00	8	Yes	Dry	6	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Spring_Migration_2022	HVP48	Inchirourke	10-03-22	MIGRATION	BP	10:45	13:45	7	Yes	Dry	5	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW	h.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	mobbed by 2 BH
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP48	Inchirourke	14-09-22	SEPTEMBER	BP	10:30	13:30	8	Yes	Dry	3	N	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	17-11-22	NOVEMBER	BP	10:45	13:45	2	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	17-11-22	NOVEMBER	BP	10:45	13:45	2	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes

Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	13:40	16:40	8	Yes	occ. Heavy showers	4	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	13:40	16:40	8	Yes	occ. Heavy showers	4	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	13:00	16:00	8	Yes	occ. Light showers	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	16:30	19:30	6	Yes	one short shower	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:36										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moving to pond
Summer_2024	HVP48	Inchirourke	01/08/2024, 08:26										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Adult
Summer_2024	HVP48	Inchirourke	07/08/2024, 16:18										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moving to another pond to feed
Summer_2024	HVP48	Inchirourke	07/08/2024, 16:19										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moves to pond
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 08:27										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Calls and moves to other pond to feed
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 12:16										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Lands in to feed
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	#REF!
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	#REF!
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	NA	All species at VPs 11/12 in February 2021
Winter_2021_2022	HVP48	Inchirourke	18-11-21	NOVEMBER	BP	08:30	11:30	8	Yes	Dry	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	possibly same ringtail HH that went to roost on evening previous close by - see HH rost watch data
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	11:10	14:10	8	Yes	Dry	3	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Ringtail - appeared to be juvenile
Winter_2022_2023	HVP48	Inchirourke	09-02-23	FEBRUARY	BP	14:00	17:00	7	Yes	Dry	2	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes

Winter_2022_2023	HVP48	Inchirourke	09-02-23	FEBRUARY	BP	14:00	17:00	7	Yes	Dry	2	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	mobbed by HC, probably same Female as observation no 1
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	considered HH female
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	mobbed by HC, probably same Female as observation no 1
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	immature/ 1st winter perched on bog mostly
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No Notes
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	HH juvenile considered fledged elsewhere, no evidence or HH throughout breeding season, e.g. ringhilll in slieve blooms 29 km away that bred successfully in 2023
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	all the way
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	sub adult as VP12 as in 14/11/23 hunting then mobbed by HC
Summer_2024	HVP48	Inchirourke	30/08/2024, 11:11										HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Mobbed briefly by juv K.; Strikes for prey n stays down
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	HG	Herring Gull	*Larus argentatus*	Amber	No	1	rousting flocks leave area in dribs and drabs over a 32 minute period
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2022_2023	HVP48	Inchirourke	09-02-23	FEBRUARY	BP	14:00	17:00	7	Yes	Dry	2	W	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbing HH
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbing HH
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	HC	Hooded Crow	*Corvus cornix*	Green	No	27	surrounding PE
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbing HH
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	HS	House Sparrow	*Passer domesticus*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	HS	House Sparrow	*Passer domesticus*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	15-12-20	DECEMBER	BP	11:30	14:30	4	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	10:50	13:50	7	Yes	Dry	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	10:50	13:50	7	Yes	Dry	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbing eath other and all other birds so considered both juveniles by the carry on
Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	10:20	13:20	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	03-09-21	SEPTEMBER	BP	06:25	09:25	8	Yes	Dry	1	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	22-09-21	SEPTEMBER	BP	12:35	15:35	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	prolonged hunting
Autumn_Migration_2021	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	14:00	17:00	8	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. juvenile hunting close by for a time
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	10:30	13:30	4	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	09-09-22	SEPTEMBER	BP	15:30	18:30	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	09-09-22	SEPTEMBER	BP	15:30	18:30	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	14-09-22	SEPTEMBER	BP	10:30	13:30	8	Yes	Dry	3	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	14-09-22	SEPTEMBER	BP	10:30	13:30	8	Yes	Dry	3	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	01-01-23	JANUARY	BP	08:40	11:40	8	Yes	Dry-Rain	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	carrying prey
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	feeding on dragonflies
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by HC
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. hunting beyond briefly
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	flushed by dogs and walkers
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes

Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	08-12-23	DECEMBER	BP	13:15	16:15	7	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	12-01-24	JANUARY	BP	11:25	14:25	8	Yes	Dry	1	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	immature
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	2 female/juvenile type but inclose association and landing on bog a lot
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:32										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Summer_2024	HVP48	Inchirourke	30/08/2024, 10:59										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Perched low for long periods
Summer_2024	HVP48	Inchirourke	30/08/2024, 11:08										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Flies to juv HH. Brief mobbing
Summer_2024	HVP48	Inchirourke	30/08/2024, 11:30										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Perched a lot
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 09:57										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Being mobbed by 2HC
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	KF	Kingfisher	*Alcedo atthis*	Amber	Yes	1	v. low between ponds
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	L.	Lapwing	*Vanellus vanellus*	Red	No	NA	All species at VPs 11/12 in February 2021
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	joins 2nd L. probably breeding pair holding territory with juveniles hidden
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Winter_2020_2021	HVP48	Inchirourke	28-10-20	OCTOBER	BP	06:47	09:47	7	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	32	No notes
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	65	all adults
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	land down to 13 LB roosting/preening on high field of bog
Autumn_Migration_2021	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	14	No notes

Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	190	all adult - lifting off in small groups bit by bit
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	95	all adult - lifting off in small groups bit by bit
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	28	rousting flocks leave area in dribs and drabs over a 32 minute period
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	14:00	17:00	8	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	220	drop in to roost
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Winter_2021_2022	HVP48	Inchirourke	21-02-22	FEBRUARY	BP	07:00	10:00	8	Yes	Dry	6	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	18	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	20	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	31	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	22	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	95	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	63	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	17	No notes
Autumn_Migration_2022	HVP48	Inchirourke	15-10-22	MIGRATION	BP	15:00	18:00	3	Yes	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	43	No notes
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	37	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	28	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	34	No notes
Winter_2022_2023	HVP48	Inchirourke	18-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	52	No notes
Winter_2022_2023	HVP48	Inchirourke	03-12-22	DECEMBER	BP	07:40	10:40	6	Yes	Dry, light mist	1	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP48	Inchirourke	30-08-23	SEPTEMBER	BP	09:00	12:00	7	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No Notes

Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	14	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	11	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No Notes
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	195	ca. 3 k south of VP12 - also 10s of LB moving in same way/ direction but over 3.4 km away
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	13:40	16:40	8	Yes	occ. Heavy showers	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	21	No Notes
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	13:40	16:40	8	Yes	occ. Heavy showers	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	9	No Notes
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	mobbed by up to 11 BH
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	15:00	18:00	8	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:38										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	Landing in to roost
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	LI	Linnet	*Carduelis cannabina*	Amber	No	Not recorded	singing and displaying on territory
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	ET	Little Egret	*Egretta garzetta*	Green	Yes	NA	No notes
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	attacked/ mobbed by RN
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:34										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Moving from pond to pond
Summer_2024	HVP48	Inchirourke	15/07/2024, 15:39										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Same individual as previous flight line
Summer_2024	HVP48	Inchirourke	07/08/2024, 16:20										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Moves along pond to feed
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	NA	No notes

Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	42	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	All species at VPs 11/12 in February 2021
Summer_2022	HVP48	Inchirourke	01-04-21	APRIL	BP	06:45	09:45	0	Yes	Dry	1	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Summer_2022	HVP48	Inchirourke	01-04-21	APRIL	BP	06:45	09:45	0	Yes	Dry	1	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP48	Inchirourke	01-04-21	APRIL	BP	06:45	09:45	0	Yes	Dry	1	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	04-04-21	APRIL	BP	12:00	15:00	8	Yes	occ. drizzle	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	one male, two female
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	8	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No notes
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	14	No notes
Winter_2022_2023	HVP48	Inchirourke	04-12-22	DECEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No notes
Winter_2022_2023	HVP48	Inchirourke	04-01-23	JANUARY	BP	09:30	12:30	8	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	probably flushed by HH
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	2 male, 1 female
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Summer_2023	HVP48	Inchirourke	15-04-23	APRIL	BP	11:00	14:00	8	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No Notes

Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	28-10-23	MIGRATION	BP	07:40	10:40	5	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	7	No Notes
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	12-01-24	JANUARY	BP	11:25	14:25	8	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP48	Inchirourke	12-01-24	JANUARY	BP	11:25	14:25	8	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	10:50	13:50	7	Yes	one short shower	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	10:50	13:50	7	Yes	one short shower	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	13:00	16:00	8	Yes	occ. Light showers	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	16:30	19:30	6	Yes	one short shower	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP48	Inchirourke	16-04-24	APRIL	BP	16:30	19:30	6	Yes	one short shower	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP48	Inchirourke	03-06-24	JUNE	BP	11:15	14:15	8	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	23-10-20	OCTOBER	BP	14:00	17:00	7	Yes	occ. Short showers	3	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	Marsh Harrier, female/juvenile male or female, considered a 2nd winter female by moult
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	NA	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	2nd summer female hunting, also perches on ground
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	2 strikes for prey, no success
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	mobbed by 2HC
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes

Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	All species at VPs 11/12 in February 2021
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	singing and displaying on territory
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	more in xxxxxxx
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	ML	Merlin	*Falco columbarius*	Amber	Yes	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	ML	Merlin	*Falco columbarius*	Amber	Yes	NA	All species at VPs 11/12 in February 2021
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	ML	Merlin	*Falco columbarius*	Amber	Yes	1	lands down low
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	ML	Merlin	*Falco columbarius*	Amber	Yes	1	No Notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	MH	Moorhen	*Gallinula chloropus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	28-10-20	OCTOBER	BP	06:47	09:47	7	Yes	occ. Short showers	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	5	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	16-04-21	APRIL	BP	12:10	15:10	8	Yes	Dry	4	S	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	14:15	17:15	3	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	14:15	17:15	3	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	14:15	17:15	3	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP48	Inchirourke	18-11-21	NOVEMBER	BP	08:30	11:30	8	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	6	No notes

Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	7	No notes
Winter_2021_2022	HVP48	Inchirourke	22-02-22	FEBRUARY	BP	12:10	15:10	7	Yes	occasional showers	4	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	17-11-22	NOVEMBER	BP	10:45	13:45	2	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	03-12-22	DECEMBER	BP	07:40	10:40	6	Yes	Dry, light mist	1	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	09:00	12:00	2	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	28-10-23	OCTOBER	GP	13:00	16:00	7	Yes	one light shower	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	MS	Mute Swan	*Cygnus olor*	Amber	No	1	sub adult hunting
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	08-12-23	DECEMBER	BP	13:15	16:15	7	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2024	HVP48	Inchirourke	30/08/2024, 10:39										MS	Mute Swan	*Cygnus olor*	Amber	No	1	Gets up, flies round n drops back down
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	PE	Peregrine	*Falco peregrinus*	Green	Yes	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	07:20	10:20	7	Yes	Dry	4	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	accacks the 2 BH in the area
Summer_2021	HVP48	Inchirourke	04-05-21	MAY	BP	07:20	10:20	7	Yes	Dry	4	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	PE male flying above
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP48	Inchirourke	09-09-22	SEPTEMBER	BP	15:30	18:30	7	Yes	Dry	3	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP48	Inchirourke	14-09-22	SEPTEMBER	BP	10:30	13:30	8	Yes	Dry	3	N	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP48	Inchirourke	01-01-23	JANUARY	BP	08:40	11:40	8	Yes	Dry-Rain	3	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	perches on bog - adult
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	direction of flight is to known nest/territory in quarry north of popes bog
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Flies low from perch on bog - PE surrounded by 27HC for a time while perched

Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	For a time but uncertain wheather it was after the SM
Summer_2023	HVP48	Inchirourke	04-05-23	MAY	BP	07:00	10:00	8	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Joined by 2nd PE for few minutes then soars high and flies fast and direct forwards eyrie location at Foulkscourt Castle hVP26
Summer_2023	HVP48	Inchirourke	01-06-23	JUNE	BP	15:00	18:00	0	Yes	Dry	3	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	mobbing up to 4 RN presumed jubenile PE honeing its skills
Summer_2024	HVP48	Inchirourke	07/08/2024, 17:37										PE	Peregrine	*Falco peregrinus*	Green	Yes	2	PE juv female with male possibly adult
Summer_2024	HVP48	Inchirourke	07/08/2024, 17:42										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Still hunting area
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	RN	Raven	*Corvus corax*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2023	HVP48	Inchirourke	31-08-23	SEPTEMBER	BP	15:00	18:00	7	Yes	Dry	2	W	RN	Raven	*Corvus corax*	Green	No	4	No Notes
Summer_2022	HVP48	Inchirourke	14-09-22	SEPTEMBER	BP	10:30	13:30	8	Yes	Dry	3	N	RK	Redshank	*Tringa totanus*	Red	No	1	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	calling
Summer_2021	HVP48	Inchirourke	24-07-21	JULY	BP	11:00	14:00	2	Yes	Dry	2	NE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	#N/A
Winter_2021_2022	HVP48	Inchirourke	17-03-22	MARCH	BP	13:10	16:10	7	Yes	one shower	4	W	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	fly over calling
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	All species at VPs 11/12 in February 2021

Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	SM	Sand Martin	*Riparia riparia*	Amber	No	110	rise from pond edge and spread away Sout-East - SM in usually small numbers present in the area all month but only 10-20 individuals - considered breeding in small colony in bog/turf walls
Summer_2022	HVP48	Inchirourke	06-05-22	MAY	BP	15:10	18:10	6	Yes	Dry	3	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	small colony becoming established in peat wall by pond
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	singing and displaying on territory
Summer_2023	HVP48	Inchirourke	02-05-23	MAY	BP	14:30	17:30	7	Yes	Dry	2	SE	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	small SM colony in peat bank. Max count 13 birds - PE perched above
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	small sand martin colony in wall of cut away bog
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	S.	Skylark	*Alauda arvensis*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	S.	Skylark	*Alauda arvensis*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	S.	Skylark	*Alauda arvensis*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	moving through over VP 12 bit by bit during watch - migrating
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	singing and displaying on territory
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	few calling overhead
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SN	Snipe	*Gallinago gallinago*	Red	No	NA	No notes
Summer_2021	HVP48	Inchirourke	18-04-21	APRIL	BP	07:45	10:45	8	Yes	occasional drizzle	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	SN	Snipe	*Gallinago gallinago*	Red	No	1	in display shipping and drumming
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	SN	Snipe	*Gallinago gallinago*	Red	No	1	displaying * snipe heard on and off thorughout watch
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	10:00	13:00	8	Yes	Dry, showers later	1	N	SN	Snipe	*Gallinago gallinago*	Red	No	1	displaying for prolonged period after shower
Summer_2021	HVP48	Inchirourke	02-06-21	JUNE	BP	13:30	16:30	8	Yes	light rain clears early to dry	1	E	SN	Snipe	*Gallinago gallinago*	Red	No	1	displaying close to VP12
Summer_2021	HVP48	Inchirourke	07-07-21	JULY	BP	09:30	12:30	8	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming display

Summer_2021	HVP48	Inchirourke	18-08-21	AUGUST	BP	06:50	09:50	8	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	heard calling briefly over VP12
Summer_2021	HVP48	Inchirourke	03-09-21	SEPTEMBER	BP	06:25	09:25	8	Yes	Dry	1	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	20-03-22	MARCH	BP	08:45	11:45	8	Yes	some rain	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard only chipping occasionally during watch close to VP12
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Summer_2022	HVP48	Inchirourke	17-08-22	AUGUST	BP	07:00	10:00	5	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	10-02-23	FEBRUARY	BP	10:30	13:30	7	Yes	Dry	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard only - chipping - terrtitory occupied
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	10:00	13:00	8	Yes	one shower	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	heard chipping by VP12 occasionally
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	18-11-23	NOVEMBER	BP	07:50	10:50	8	Yes	occ. Rain	4	SW	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S	SN	Snipe	*Gallinago gallinago*	Red	No	3	flushed by walker & dog
Winter_2023_2024	HVP48	Inchirourke	27-03-24	MARCH	BP	10:10	13:10	7	Yes	one short shower	4	S	SN	Snipe	*Gallinago gallinago*	Red	No	1	flushed by walker & dog
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard only - chipping
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	14:00	17:00	8	Yes	Dry	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	SN	Snipe	*Gallinago gallinago*	Red	No	1	Drumming
Summer_2024	HVP48	Inchirourke	01/08/2024, 09:20										SN	Snipe	*Gallinago gallinago*	Red	No	1	Drops into marsh
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 08:42										SN	Snipe	*Gallinago gallinago*	Red	No	1	Drops down to pond
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 08:51										SN	Snipe	*Gallinago gallinago*	Red	No	1	Calling
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SH	Sparrowhawk	*Accipiter nisus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	SH	Sparrowhawk	*Accipiter nisus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	SH	Sparrowhawk	*Accipiter nisus*	Green	No	NA	All species at VPs 11/12 in February 2021
Autumn_Migration_2021	HVP48	Inchirourke	21-10-21	MIGRATION	BP	12:15	15:15	5	Yes	Dry	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP48	Inchirourke	10-10-21	OCTOBER	BP	10:45	13:45	7	Yes	Dry	2	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Spring_Migration_2022	HVP48	Inchirourke	10-03-22	MIGRATION	BP	10:45	13:45	7	Yes	Dry	5	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	14-10-22	OCTOBER	BP	11:30	14:30	4	Yes	single shower	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	01-01-23	JANUARY	BP	08:40	11:40	8	Yes	Dry-Rain	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP48	Inchirourke	25-03-23	MARCH	BP	12:30	15:30	4	Yes	one shower	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	soars to c. 600m, stoops for prey
Winter_2022_2023	HVP48	Inchirourke	05-03-23	Spring Migration	BP	10:15	13:15	8	Yes	Dry	2	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes

Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	10:50	13:50	7	Yes	one short shower	3	W	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	in full skydance display
Winter_2023_2024	HVP48	Inchirourke	23-03-24	Spring Migration	BP	07:40	10:40	8	Yes	some showers	4	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	2	female dip display back to forestry and known territory from 2023
Spring_Migration_2025	HVP48	Inchirourke	04-03-25	Spring Migration	BP	13:45	16:45	7-6	Yes	Dry	F4	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	hunting low
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	SG	Starling	*Sturnus vulgaris*	Amber	No	2400	large flock in 3 height bands
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	SD	Stock Dove	*Columba oenas*	Red	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SC	Stonechat	*Saxicola rubicola*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	SC	Stonechat	*Saxicola rubicola*	Green	No	NA	All species at VPs 11/12 in February 2021
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	SL	Swallow	*Hirundo rustica*	Amber	No	1	only passing through going south
Summer_2022	HVP48	Inchirourke	11-05-22	MAY	BP	13:15	16:15	5	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	3	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	6	No notes
Summer_2022	HVP48	Inchirourke	12-06-22	JUNE	BP	13:30	16:30	8	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	6	No notes
Summer_2022	HVP48	Inchirourke	16-06-22	JUNE	BP	16:15	19:15	8	Yes	Dry	3	S	SI	Swift	*Apus apus*	Red	No	4	mostly 10-40m high, all watch feeding, also c. 10 feeding to north nearer VP11
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	4	No notes
Summer_2022	HVP48	Inchirourke	05-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	2	24 minutes
Summer_2022	HVP48	Inchirourke	06-07-22	JULY	BP	14:00	17:00	8	Yes	Dry	5	W	SI	Swift	*Apus apus*	Red	No	18	18 max, 5 average in viewshed throughout, watch period range 5-90m high - average 30m
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	04-07-23	JULY	BP	13:30	16:30	7	Yes	Dry	4	NW	SI	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	01-08-23	AUGUST	BP	06:30	09:30	8	Yes	one short shower	2	W	SI	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	SI	Swift	*Apus apus*	Red	No	4	No Notes
Summer_2023	HVP48	Inchirourke	02-08-23	AUGUST	BP	16:00	19:00	8	Yes	some showers	3	NW	SI	Swift	*Apus apus*	Red	No	13	minimum of 6 SI remain feeding within viewshed till end of watch period
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:32										SI	Swift	*Apus apus*	Red	No	2	Feeding
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	T.	Teal	*Anas crecca*	Amber	No	NA	All species at VPs 11/12 in February 2021
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	T.	Teal	*Anas crecca*	Amber	No	2	flushed by HH ringtail
Winter_2023_2024	HVP48	Inchirourke	16-10-23	OCTOBER	GP	10:45	13:45	7	Yes	Dry	3	SE	T.	Teal	*Anas crecca*	Amber	No	4	No Notes

Summer_2021	HVP48	Inchirourke	24-07-21	JULY	BP	11:00	14:00	2	Yes	Dry	2	NE	W.	Wheatear	*Oenanthe oenanthe*	Amber	No	2	fledglings, still some downy feathers visible, feeding together considered to have bred locally, adult pair here in May 2021
Summer_2024	HVP48	Inchirourke	17-05-24	MAY	BP	10:30	13:30	8	Yes	Dry	3	NE	WM	Whimbrel	*Numenius phaeopus*	Green	No	1	on migration
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2020_2021	HVP48	Inchirourke	17-11-20	NOVEMBER	BP	07:17	10:17	7	Yes	Dry	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	No notes
Winter_2020_2021	HVP48	Inchirourke	25-11-20	NOVEMBER	BP	11:30	14:30	4	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2020_2021	HVP48	Inchirourke	17-12-20	DECEMBER	BP	08:15	11:15	8	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	07:48	10:48	8	Yes	Dry	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP48	Inchirourke	08-02-21	FEBRUARY	BP	07:40	10:40	8	Yes	Dry	3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2020_2021	HVP48	Inchirourke	15-02-21	FEBRUARY	BP	11:20	14:20	4	Yes	Dry	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	stayed within wetlands inside the buffer until watch end.
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP48	Inchirourke	08-03-21	MARCH	BP	06:50	09:50	7	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	13	No notes
Winter_2020_2021	HVP48	Inchirourke	17-03-21	MARCH	BP	12:15	15:15	5	Yes	Dry	3	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	All species at VPs 11/12 in March 2021
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Autumn_Migration_2021	HVP48	Inchirourke	22-10-21	MIGRATION	BP	14:30	17:30	8	Yes	Dry - occasional light drizzle	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	4 adults, 3 juveniles
Winter_2021_2022	HVP48	Inchirourke	18-11-21	NOVEMBER	BP	08:30	11:30	8	Yes	Dry	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	13	No notes

Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2021_2022	HVP48	Inchirourke	24-11-21	NOVEMBER	BP	07:25	10:25	8	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP48	Inchirourke	17-12-21	DECEMBER	BP	07:56	10:56	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP48	Inchirourke	31-01-22	JANUARY	BP	07:40	10:40	8	Yes	Dry	3	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP48	Inchirourke	21-02-22	FEBRUARY	BP	07:00	10:00	8	Yes	Dry	6	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Spring_Migration_2022	HVP48	Inchirourke	07-03-22	MIGRATION	BP	06:30	09:30	6	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	plus 3 then 9 9then 3 WS leave to graze from in fro:nt of VP11
Autumn_Migration_2022	HVP48	Inchirourke	17-10-22	MIGRATION	BP	07:25	10:25	2	Yes	Dry	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2022_2023	HVP48	Inchirourke	18-11-22	NOVEMBER	BP	08:30	11:00	0	Yes	Dry	3	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2022_2023	HVP48	Inchirourke	04-12-22	DECEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP48	Inchirourke	04-12-22	DECEMBER	BP	10:00	13:00	8	Yes	Dry	3	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	16	No Notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	No Notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No Notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2022_2023	HVP48	Inchirourke	03-03-23	Spring Migration	BP	07:00	10:00	8	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	No Notes
Autumn_Migration_2023	HVP48	Inchirourke	16-10-23	MIGRATION	BP	07:15	10:15	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	join a small flock of 5-6 WS way off to SW - first of winter season - plus 5 or 6
Winter_2023_2024	HVP48	Inchirourke	14-11-23	NOVEMBER	BP	10:40	13:40	7	Yes	one short shower	3	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	no hight band given
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No Notes
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No Notes
Winter_2023_2024	HVP48	Inchirourke	04-12-23	DECEMBER	BP	08:00	11:00	1	Yes	Dry	4	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2023_2024	HVP48	Inchirourke	09-01-24	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	33	No Notes
Winter_2023_2024	HVP48	Inchirourke	11-02-24	FEBRUARY	BP	07:20	10:20	4	Yes	occ. Showers	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	13	No Notes
Winter_2023_2024	HVP48	Inchirourke	22-03-24	Spring Migration	BP	05:53	08:53	2	Yes	Dry	3	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	1	No Notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	15	No notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	20	No notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	15	No notes

Spring_Migration_2025	HVP48	Inchirourke	17-03-25	Spring Migration	BP	06:00	09:00	8	Yes	Dry	F2-3	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	56	Total 56 WS leave roost to grazing field. Looked for during hinterland survey after midday on 17/03/2025 but no WS found on 18/03/2025 so appears that wole flock migrated from area on 17/03/2025
Winter_2020_2021	HVP48	Inchirourke	22-01-21	JANUARY	BP	11:20	14:20	8	Yes	Dry, single shower at watch end	2	W	WN	Wigeon	*Anas penelope*	Amber	No	20	flushed off pond by walker with dogs
Summer_2023	HVP48	Inchirourke	14-04-23	APRIL	BP	15:00	18:00	7	Yes	Dry	3	NW	WW	Willow Warbler	*Phylloscopus trochilus*	Amber	No	Not recorded	singing and displaying on territory
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	FEBRUARY	BP	NA	NA	NA	NA	NA	NA	NA	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	All species at VPs 11/12 in February 2021
Winter_2020_2021	HVP48	Inchirourke	17/11/20&25/11/20	NOVEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	No notes
Winter_2020_2021	HVP48	Inchirourke	NA	MARCH	BP	NA	NA	NA	NA	NA	NA	NA	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	All species at VPs 11/12 in February 2021
Summer_2024	HVP48	Inchirourke	08/07/2024, 14:07										Y.	Yellowhammer	*#N/A*	#N/A	#N/A	1	Male singing along track on way to VP12
Summer_2024	HVP48	Inchirourke	09/07/2024, 15:18										AE	Arctic Tern	*#N/A*	#N/A	#N/A	1	Not AE but AN which is Crane.
Summer_2024	HVP48	Inchirourke	01/08/2024, 08:16										CU	Curlew	*#N/A*	#N/A	#N/A	1	Heard only and just single call although as lightly a small post breeding flock- n.west of VP12.
Summer_2024	HVP48	Inchirourke	01/08/2024, 11:05										SM	Sand Martin	*#N/A*	#N/A	#N/A	12	Small colony in turf wall over water
Summer_2024	HVP48	Inchirourke	30/08/2024, 08:11		B Porter								RK	Redshank	*#N/A*	#N/A	#N/A	1	Calling, not seen, heard several times throughout watch period. Gender unknown
Summer_2024	HVP48	Inchirourke	30/08/2024, 09:52		B Porter								GS	Great Spotted Woodpecker	*#N/A*	#N/A	#N/A	1	Calling. Gender & age unknown
Winter_2024_2025	HVP48	Inchirourke	01/10/2024, 07:37		B Porter								BZ	Buzzard	*#N/A*	#N/A	#N/A	2	Mewing calls
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes

Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	feeding birds up and down regularly
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No notes
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	No notes
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	17	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	26	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	12 to 15	foraging over field being tilled
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	15	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorde d	BH colony active all morning
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	16	soar with another 10 BH which turn back to colony
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	14	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	18	colony appears unseltttled - north of VP13
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	12	No Notes

Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	BH colony at VP13 apparently abandoned by 4/4/23 but obviously still coming and going so perhaps will start nesting soon
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	disturbed by 57 HC circling over possible small colony
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	27	from BH colony at VP13 that's becoming established
Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	from BH colony at VP13 that's becoming established
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes

Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 08:04										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Calling and probably landed down into GA1 recently cut grass
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:50										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	Mobbing BZ all the way
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	BZ	Buzzard	*Buteo buteo*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	11:30	14:30	3	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	landed in typical nest tree
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	BZ	Buzzard	*Buteo buteo*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	#REF!
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	#REF!
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	as BZ soars over bog ponds it is mobbed by c150 SM!
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by 2nd BZ soaring above 200m
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	06:45	09:45	8	Yes	occasional drizzle/showers	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	stayed present throughout

Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	joins 3rd and 4th BZ then fly off
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	31-01-22	JANUARY	BP	14:40	17:40	8	Yes	occ. drizzle	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	BZ	Buzzard	*Buteo buteo*	Green	No	1	lands down to feed in GA1
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	11:00	14:00	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	with BZ female, both land down to copulate! 2nd BZ male also in area
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	11:00	14:00	8	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by BZ male - both observed till watch end
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ also rises below flight including display
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	Drops from height into scots pines - possible nest location
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	rises with 2nd BZ, pair on territory
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ below briefly
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd Bz below - both Bz actively hunting RO
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ hunting adjacent
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ beyond at >200m
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	mobbed by 12 HC
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	2nd BZ close by
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	no hight band given
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	minimum 5 BZ total in viewshed during watch
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by BZ female, short display, then joined by 2nd pair BZ from the south
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	short display to 2nd BZ above
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	also 3rd BZ soaring very high up
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Summer_2024	HVP49	Derryfadda	14/07/2024, 09:00										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying to known territory
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:26										BZ	Buzzard	*Buteo buteo*	Green	No	1	Mobbed by HC. Lands on bog
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:37										BZ	Buzzard	*Buteo buteo*	Green	No	2	Mewing together both adult
Summer_2024	HVP49	Derryfadda	10/08/2024, 09:33										BZ	Buzzard	*Buteo buteo*	Green	No	1	Hunting juv.
Summer_2024	HVP49	Derryfadda	10/08/2024, 12:51										BZ	Buzzard	*Buteo buteo*	Green	No	1	Juv. Stays low. Calling
Summer_2024	HVP49	Derryfadda	10/08/2024, 13:16										BZ	Buzzard	*Buteo buteo*	Green	No	1	Juv calling incessantly
Summer_2024	HVP49	Derryfadda	10/08/2024, 14:26										BZ	Buzzard	*Buteo buteo*	Green	No	1	Perched in forestry. Known territory
Summer_2024	HVP49	Derryfadda	10/08/2024, 15:00										BZ	Buzzard	*Buteo buteo*	Green	No	1	Juv. Calling incessantly. Still circling to watch end
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:44										BZ	Buzzard	*Buteo buteo*	Green	No	1	Stoops for prey
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:50										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:09										BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying fast
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:18										BZ	Buzzard	*Buteo buteo*	Green	No	1	Circles
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	CT	Coal Tit	*Periparus ater*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	CT	Coal Tit	*Periparus ater*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	3	No notes
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	CA	Cormorant	*Phalacrocorax carbo*	Amber	No	1	No Notes
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	CU	Curlew	*Numenius arquata*	Red	No	2	minimum of 2 CU heard calling - probably from ground - not seen flying
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	CU	Curlew	*Numenius arquata*	Red	No	3	No notes
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	CU	Curlew	*Numenius arquata*	Red	No	3	No notes
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	CU	Curlew	*Numenius arquata*	Red	No	9	
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	06:45	09:45	8	Yes	occasional drizzle/showers	2	SW	CU	Curlew	*Numenius arquata*	Red	No	1	although heard and seen from VP11 in July from VP 11, CU not heard or seen earlier in the breeding season, yet still present - did it breed and go unnoticed??
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	13	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	28	No notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	1	heard only - from behind VP11
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	CU	Curlew	*Numenius arquata*	Red	No	18	post or none breeding birds from elsewhere

Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	CU	Curlew	*Numenius arquata*	Red	No	1	plus 16 CU nonvisible standing on bog preening etc.
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	CU	Curlew	*Numenius arquata*	Red	No	1	heard only
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:37										CU	Curlew	*Numenius arquata*	Red	No	30	Post breeding flick from elsewhere. Seen all preening and loafing
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:44										CU	Curlew	*Numenius arquata*	Red	No	9	Most CU flick stay on bog
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:16										CU	Curlew	*Numenius arquata*	Red	No	37	More CU join flick or were there but hidden.
Summer_2024	HVP49	Derryfadda	10/08/2024, 08:56										CU	Curlew	*Numenius arquata*	Red	No	1	Calling as it landed in. Visible migration
Summer_2024	HVP49	Derryfadda	10/08/2024, 09:27										CU	Curlew	*Numenius arquata*	Red	No	1	Calling and leaving area. Considered not to have bred on site
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	D.	Dunnock	*Prunella modularis*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	No notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	FF	Fieldfare	*Turdus pilaris*	Green	No	ca. 45	mixed flock of 95 FF and RE fly over - winter visitors
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	14	flying north
Winter_2021_2022	HVP49	Derryfadda	10-10-21	OCTOBER	BP	07:13	10:13	8	Yes	Dry	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	140	No notes
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	9	No notes
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	9	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	Not recorded	heard high to east of VP11 - not seen
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	45	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	190	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	190	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	470	No Notes
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	90	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	150	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	70	No Notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	GO	Goldfinch	*Carduelis carduelis*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	GO	Goldfinch	*Carduelis carduelis*	Green	No	NA	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	1	at VP11 at the time

Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	Not recorded	kik' call 200m E of VP 11
Summer_2024	HVP49	Derryfadda	14/07/2024, 08:43										GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	1	Calling all the way
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15-12-20	DECEMBER	BP	08:00	11:00	7	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15-12-20	DECEMBER	BP	08:00	11:00	7	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	H.	Grey Heron	*Ardea cinerea*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	11:30	14:30	3	Yes	Dry	1	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	10-10-21	OCTOBER	BP	07:13	10:13	8	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	10-10-21	OCTOBER	BP	07:13	10:13	8	Yes	Dry	1	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	28-01-22	JANUARY	BP	14:30	17:30	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	31-01-22	JANUARY	BP	14:40	17:40	8	Yes	occ. drizzle	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	31-01-22	JANUARY	BP	14:40	17:40	8	Yes	occ. drizzle	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	31-01-22	JANUARY	BP	14:40	17:40	8	Yes	occ. drizzle	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	11:00	14:00	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	11:00	14:00	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes

Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	14:10	17:10	8	Yes	some hail showers	5	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	flushed by quad and motorbikes on bog
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes

Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	20-40 m
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 07:59										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Calling
Summer_2024	HVP49	Derryfadda	10/08/2024, 09:07										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Juv. Moving ponds to feed
Summer_2024	HVP49	Derryfadda	10/08/2024, 12:53										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Juv
Summer_2024	HVP49	Derryfadda	01/09/2024, 08:27										H.	Grey Heron	*Ardea cinerea*	Green	No	1	To feed in another pond
Summer_2024	HVP49	Derryfadda	01/09/2024, 08:55										H.	Grey Heron	*Ardea cinerea*	Green	No	1	To feed
Summer_2024	HVP49	Derryfadda	01/09/2024, 09:03										H.	Grey Heron	*Ardea cinerea*	Green	No	2	Calling and in close association
Summer_2024	HVP49	Derryfadda	01/09/2024, 10:52										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Disturbed by jogger with dog
Summer_2024	HVP49	Derryfadda	01/09/2024, 11:40										H.	Grey Heron	*Ardea cinerea*	Green	No	2	Chasing juv
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:10										H.	Grey Heron	*Ardea cinerea*	Green	No	1	Pond to pond
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	hen harrier ringtail or marsh harrier observed head on
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	14:10	17:10	8	Yes	some hail showers	5	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Ringtail
Winter_2022_2023	HVP49	Derryfadda	17-11-22	NOVEMBER	BP	07:15	10:15	6	Yes	Dry	1	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	28 MS after civil twilight considered to have roosted within 1-2 km
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	possible female, mobbed by HC all the way
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	mobbed all along by 3 HC
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	mobbed by HC - appeared to be noticeably broader winged than HC - considered to be HH female
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	flushes 2SN then disappeares behind scrub - doesn't reappear so got past observer unseen or went to roost? HH male = sub adult/ 2nd winter - ringtail possibly roosted in same area on 17/11/22 VP11
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	shows briefly above old rail tarck/ high field, the HH is a sub adult male, probably as seen on 14/11/23 - too brief a view to be sure

Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	possibly male, looked small
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	considered immature male
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	possible immature male
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	immature male
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	immature male
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	No notes
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	HC	Hooded Crow	*Corvus cornix*	Green	No	3	mobbed HH
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	HC	Hooded Crow	*Corvus cornix*	Green	No	12	mobbing BZ
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	HS	House Sparrow	*Passer domesticus*	Amber	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	HS	House Sparrow	*Passer domesticus*	Amber	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-12-20	DECEMBER	BP	11:45	14:45	8	Yes	Mostly dry, rain later	4	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	male and female flying and perching
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	11:30	14:30	3	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	#REF!
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	#REF!
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	15:00	18:00	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	carrying prey
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	BZ soaring 100-200m in distance
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-07-21	JULY	BP	14:30	17:30	7	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	06:45	09:45	8	Yes	occasional drizzle/showers	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	chased off by 2nd K in area
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	stayed present throughout
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	flight inclusive mobbing BZ
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	displays to >300m
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	07:20	10:20	5	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	07:20	10:20	5	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	07:20	10:20	5	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	with 2nd K. juvenile initially
Summer_2022	HVP49	Derryfadda	09-08-22	AUGUST	BP	10:50	13:50	4	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	prolonged hunting of dragon flies
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes

Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd summer male, flushes 6 MA
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	catching dragonflies
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. jubenile hunting area of 2
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	2	both K. hunting adjacent
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-10-23	OCTOBER	GP	11:00	14:00	8	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. in viewshed
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	16-11-23	NOVEMBER	BP	09:55	12:55	8	Yes	occ. Rain	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:38										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Juv mobbed by HC
Summer_2024	HVP49	Derryfadda	10/08/2024, 12:49										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting from log storage pile
Summer_2024	HVP49	Derryfadda	10/08/2024, 13:09										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Summer_2024	HVP49	Derryfadda	10/08/2024, 13:12										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Mobbing & being mobbed by HC. Juv.

Summer_2024	HVP49	Derryfadda	10/08/2024, 15:03										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Adult male hunting
Summer_2024	HVP49	Derryfadda	01/09/2024, 10:22										K.	Kestrel	*Falco tinnunculus*	Red	No	1	calling, mobbed by SL
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:49										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Stoop/strike for prey
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:01										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Stoops for prey
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:02										K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	75	land into field probably the one where WS are grazing or adjacent to
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	L.	Lapwing	*Vanellus vanellus*	Red	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	#REF!
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	#REF!
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	7	No notes
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	flushed by joggers - holding territory
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	4	No notes
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	43	landed back with PE female on turf mound - seem to actively attack HC
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	L.	Lapwing	*Vanellus vanellus*	Red	No	75	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	40	No notes
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	8	No notes
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	14	No notes
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	14:10	17:10	8	Yes	some hail showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	probably flushed by HH
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	14:10	17:10	8	Yes	some hail showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	3	over old taring pond in lisheen mine
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	10	low behind 'high field'
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	L.	Lapwing	*Vanellus vanellus*	Red	No	1	mobs BZ relentlessly, 2nd L. flies close by for a while female or 2nd male
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	65	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	25	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	25	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	11	join 30 more L. in field

Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	flushed by 3 walkers in area
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	displays and drops to nest
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	alarm caling and flying low and circling over GA1
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	distress call on and off - second L. on ground - suspect juveniles fledged and in field (GA1)
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	suspect juvenile L. has walked to ponds by VP11 from ponds and BH colony at VP13 - parent birdds defending it all the way bit by bit
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	L.	Lapwing	*Vanellus vanellus*	Red	No	3	On territory including display
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2021	HVP49	Derryfadda	24-09-21	SEPTEMBER	BP	10:30	17:00	8	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No notes
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes

Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	68	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	26	No Notes
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	24	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	28	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	24	No Notes
Winter_2023_2024	HVP49	Derryfadda	14-11-23	NOVEMBER	BP	07:10	10:10	7	Yes	occ. Showers	3	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	01/09/2024, 10:08										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	Mixed ages. Circling over known gull roost site
Summer_2024	HVP49	Derryfadda	01/09/2024, 10:14										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	Sub adults and juvs.
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:53										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	Slowly moving into strong wind
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:13										LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	Calls. In response to PE possibly attacking it
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	LI	Linnet	*Carduelis cannabina*	Amber	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2021	HVP49	Derryfadda	02-06-21	JUNE	BP	17:00	20:00	8	Yes	Dry	1	SE	ET	Little Egret	*Egretta garzetta*	Green	Yes	2	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	2	No notes
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:51										ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Feeding in pools
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	No notes

Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	No notes
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	14:00	17:00	7	Yes	few showers	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	Not recorded	on ponds
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP49	Derryfadda	10-04-21	APRIL	BP	08:00	11:00	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	2 male, 1 female
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	flushed by MR
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	10	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	flushed by K.
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	17-11-22	NOVEMBER	BP	07:15	10:15	6	Yes	Dry	1	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	7	No notes
Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	7	No notes

Winter_2022_2023	HVP49	Derryfadda	01-03-23	MARCH	BP	10:45	13:45	8	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No notes
Winter_2022_2023	HVP49	Derryfadda	02-03-23	MARCH	BP	08:00	11:00	8	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	02-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	18	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	14-11-23	NOVEMBER	BP	07:10	10:10	7	Yes	occ. Showers	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Winter_2023_2024	HVP49	Derryfadda	14-11-23	NOVEMBER	BP	07:10	10:10	7	Yes	occ. Showers	3	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	different 4MA - 8 total - was not present at Bawnmore roosting or grazing yet
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded	MA	Mallard	*Anas platyrhynchos*	Amber	No	6	No Notes
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes

Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	21-03-24	MARCH	BP	12:20	15:20	8	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	8	still flying after WE passed through
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP49	Derryfadda	20-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	1	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10-05-24	MAY	BP	14:15	17:15	3	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	flushed by 3 walkers in area
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Pair
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 07:55										MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Juvs
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:40										MA	Mallard	*Anas platyrhynchos*	Amber	No	3	Bred on site
Summer_2024	HVP49	Derryfadda	14/07/2024, 11:34										MA	Mallard	*Anas platyrhynchos*	Amber	No	3	Flying in fast
Summer_2024	HVP49	Derryfadda	01/09/2024, 11:35										MA	Mallard	*Anas platyrhynchos*	Amber	No	2	Or adult females
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:46										MA	Mallard	*Anas platyrhynchos*	Amber	No	4	With females
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:56										MA	Mallard	*Anas platyrhynchos*	Amber	No	7	Males and females in flock
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	hunting, flushes 3 Snipe from wetland
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes

Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	singing and displaying in good numbers
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	juvenile perched on turf mound, flew off low
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	Hunting in fast stoop
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	mobbed by rook
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	ML	Merlin	*Falco columbarius*	Amber	Yes	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	immature merlin perched low for prolonged period in buffer zone and preening
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	ML	Merlin	*Falco columbarius*	Amber	Yes	1	hunting
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	ML	Merlin	*Falco columbarius*	Amber	Yes	1	female type/immature
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	4	No notes
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	5	No notes
Winter_2020_2021	HVP49	Derryfadda	15-12-20	DECEMBER	BP	08:00	11:00	7	Yes	Dry	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2020_2021	HVP49	Derryfadda	17-12-20	DECEMBER	BP	11:45	14:45	8	Yes	Mostly dry, rain later	4	S	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP49	Derryfadda	17-03-21	MARCH	BP	08:45	11:45	7	Yes	light mist clearing, dry	1	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	5	No notes
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	14:00	17:00	7	Yes	few showers	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	Not recorded	on ponds
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes

Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	6	2 adults, 4 juveniles
Winter_2021_2022	HVP49	Derryfadda	28-01-22	JANUARY	BP	14:30	17:30	8	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	6	No notes
Winter_2021_2022	HVP49	Derryfadda	28-01-22	JANUARY	BP	14:30	17:30	8	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2021_2022	HVP49	Derryfadda	28-01-22	JANUARY	BP	14:30	17:30	8	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	06:28	09:28	8	Yes	showers	5	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	4	No notes
Winter_2022_2023	HVP49	Derryfadda	15-10-22	OCTOBER	BP	11:00	14:00	2	Yes	short, sharp showers	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	10-02-23	FEBRUARY	BP	14:00	17:00	8	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No Notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	06-04-23	APRIL	BP	08:00	11:00	4	Yes	Dry	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	6	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	07-10-23	MIGRATION	BP	07:05	10:05	8	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	08-12-23	DECEMBER	BP	09:45	12:45	8	Yes	occ. Light showers	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	4	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes

Winter_2023_2024	HVP49	Derryfadda	22-03-24	Spring Migration	BP	09:30	12:30	6	Yes	occ. Short showers	4	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10/08/2024, 07:26										MS	Mute Swan	*Cygnus olor*	Amber	No	3	Adults
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	PE	Peregrine	*Falco peregrinus*	Green	Yes	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	Not recorded	sitting on bog ridge - flight not observed
Summer_2022	HVP49	Derryfadda	17-06-22	JUNE	BP	13:15	16:15	8	Yes	Dry	3	W	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	probably disturbed from perch on ground by MR
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	hunting, flushed T.
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:16										PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Appeared to mob/attack LB
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	PG	Pink-footed Goose	*Anser brachyrhynchus*	Green	No	1	Fly to grazing fields together
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RN	Raven	*Corvus corax*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW	RK	Redshank	*Tringa totanus*	Red	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	No notes
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	RE	Redwing	*Turdus iliacus*	Red	No	ca. 40	mixed flock of 95 FF and RE fly over - winter visitors
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes

Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	14:10	17:10	8	Yes	Dry	3	NW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	calling overhead
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	14:00	17:00	7	Yes	few showers	2	SW	SM	Sand Martin	*Riparia riparia*	Amber	No	Not recorded	remaining sand martin seen
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	S.	Skylark	*Alauda arvensis*	Amber	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	singing and displaying in good numbers
Winter_2023_2024	HVP49	Derryfadda	22-10-23	OCTOBER	GP	11:45	14:45	7	Yes	Dry	2	S	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	occasionally passing overhead - appear to fly on through
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	11:30	14:30	3	Yes	Dry	1	SW	SN	Snipe	*Gallinago gallinago*	Red	No	NA	flushed by walker with dogs
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping close to VP11 - flight line not picked up, maybe chipping from ground or a perch
Summer_2021	HVP49	Derryfadda	01-05-21	MAY	BP	16:15	19:15	7/8-8/8	Yes	some heavy showers	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping on and off throughout watch
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping and flying about
Summer_2021	HVP49	Derryfadda	18-05-21	MAY	BP	17:00	20:00	6	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming dispay whilst 2nd snipe chipping on ground
Summer_2021	HVP49	Derryfadda	04-06-21	JUNE	BP	14:00	17:00	8	Yes	Dry	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	1	displaying, joins 2nd SN, short bouts of drumming, trage one sn
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	chipping on and off throughout watch - still holding territory
Summer_2021	HVP49	Derryfadda	19-08-21	AUGUST	BP	06:45	09:45	8	Yes	occasional drizzle/showers	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	heard calling over VP11
Autumn_Migration_2021	HVP49	Derryfadda	30-10-21	MIGRATION	BP	15:00	18:00	7	Yes	Dry, single short shower	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	10-10-21	OCTOBER	BP	07:13	10:13	8	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	chipping by VP11 then on+off for next hour
Summer_2022	HVP49	Derryfadda	02-04-21	APRIL	BP	14:35	17:35	7	Yes	one hail shower	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping close to VP11
Summer_2022	HVP49	Derryfadda	11-05-22	MAY	BP	09:40	12:40	7	Yes	occ. Showers	4	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping occasionally throughout watch

Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping occasionally throughout watch
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	BZ overhead prompting SN to rise and display drumming. Also chipping from SN on and off throughout watch by VP11
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping and drumming close to VP11 - heard only
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping and drumming 2nd SN chipping near by
Summer_2022	HVP49	Derryfadda	14-09-22	SEPTEMBER	BP	07:00	10:00	8	Yes	occ. drizzle	2	N	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	05-01-23	JANUARY	BP	12:00	15:00	8	Yes	Dry-Rain	4	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping & drumming, then seen dropping to territory
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	10:15	13:15	7	Yes	Dry	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping occasionally close to VP11 - heard only
Summer_2023	HVP49	Derryfadda	02-04-23	APRIL	BP	15:15	18:15	5	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard only - chipping from gound - occupied territory
Summer_2023	HVP49	Derryfadda	03-05-23	MAY	BP	06:15	09:15	8	Yes	Dry	4	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard only - chipping by VP11 and on and off till watch end
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	SN	Snipe	*Gallinago gallinago*	Red	No	2	chipping whilst flying together round and round low
Summer_2023	HVP49	Derryfadda	14-06-23	JUNE	BP	15:40	18:40	0	Yes	Dry	2	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming display - has ben chippnig all watch
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping on and off throughout watch
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	SN	Snipe	*Gallinago gallinago*	Red	No	Not recorded	heard chipping by VP11
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2023	HVP49	Derryfadda	04-09-23	SEPTEMBER	BP	07:30	10:30	4	Yes	Dry	1	NE	SN	Snipe	*Gallinago gallinago*	Red	No	2	No Notes
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	lands into wetland
Autumn_Migration_2023	HVP49	Derryfadda	22-10-23	MIGRATION	BP	15:30	18:30	6	Yes	Dry	2	SE	SN	Snipe	*Gallinago gallinago*	Red	No	2	flushed by HH
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	18-04-24	APRIL	BP	15:30	18:30	8	Yes	Dry	4	W	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping all the way and on and off from ground
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	SN	Snipe	*Gallinago gallinago*	Red	No	2	2nd territory

Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming by VP11
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	09:30	12:30	3	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping and 2SN chipping together closer to VP11
Summer_2024	HVP49	Derryfadda	02-06-24	JUNE	BP	13:00	16:00	7	Yes	Dry	3	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	chipping, on territory
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	Chipping; heard only
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	Chipping 2nd bird; heard only
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	3rd snipe chipping and drumming; heard only
Spring_Migration_2025	HVP49	Derryfadda	17-03-25	Spring Migration	BP	09:30	12:30	8	Yes	Dry	F3-4	E	SN	Snipe	*Gallinago gallinago*	Red	No	1	Chipping thorughout period on and off
Summer_2024	HVP49	Derryfadda	01/09/2024, 09:04										SN	Snipe	*Gallinago gallinago*	Red	No	1	Calling
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 12:51										SN	Snipe	*Gallinago gallinago*	Red	No	1	Calling
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	mobbed by 2 Rooks
Winter_2020_2021	HVP49	Derryfadda	17-11-20	NOVEMBER	BP	10:40	13:40	8	Yes	Dry	5	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2020_2021	HVP49	Derryfadda	08-03-21	MARCH	BP	10:20	13:20	7	Yes	Dry	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	11:00	14:00	8	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2022	HVP49	Derryfadda	17-10-22	MIGRATION	BP	12:15	15:15	4	Yes	Dry	4	W	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	04-12-22	DECEMBER	BP	13:30	16:30	8	Yes	occ. showers	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	juvenile male
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	mobbed by 3 HC
Summer_2023	HVP49	Derryfadda	08-08-23	AUGUST	BP	14:45	17:45	8	Yes	Dry	1	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	bring back prey to nest or nest area to juvenile. Mobbed briefly by K. from above
Summer_2023	HVP49	Derryfadda	10-08-23	AUGUST	BP	07:00	10:00	8	Yes	Dry	4	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	with prey - considered still provisioning juvenile in forest block SE of VP13
Summer_2023	HVP49	Derryfadda	30-08-23	SEPTEMBER	BP	13:00	16:00	8	Yes	occ. Drizzle	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	11-02-24	FEBRUARY	BP	14:30	17:30	7	Yes	occ. Showers	Not recorded	Not recorded	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2024	HVP49	Derryfadda	10/08/2024, 07:27										SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	Hunting. Female
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:26										SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	Strikes for prey, no success
Winter_2024_2025	HVP49	Derryfadda	24/10/2024, 13:28										SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	Circles
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes

Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	SG	Starling	*Sturnus vulgaris*	Amber	No	1200	not target species but worth noting
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	1700	Going to roost
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	SG	Starling	*Sturnus vulgaris*	Amber	No	1850	Going to roost at 40m up
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	SC	Stonechat	*Saxicola rubicola*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Summer_2021	HVP49	Derryfadda	10-07-21	JULY	BP	12:00	15:00	8	Yes	Dry	2	SE	SI	Swift	*Apus apus*	Red	No	>20	feeding over bog
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP49	Derryfadda	14-06-22	JUNE	BP	16:40	19:40	7	Yes	Dry	2	SW	SI	Swift	*Apus apus*	Red	No	1	No notes
Summer_2022	HVP49	Derryfadda	04-07-22	JULY	BP	11:30	14:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP49	Derryfadda	05-07-22	JULY	BP	15:00	18:00	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2023	HVP49	Derryfadda	04-07-23	JULY	BP	06:30	09:30	4	Yes	Dry	3	SW	SI	Swift	*Apus apus*	Red	No	5	No Notes
Summer_2023	HVP49	Derryfadda	07-07-23	JULY	BP	15:00	18:00	8	Yes	Dry	4	SE	SI	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	SI	Swift	*Apus apus*	Red	No	4	No Notes
Summer_2024	HVP49	Derryfadda	17-05-24	MAY	BP	07:00	10:00	8	Yes	some spitting rain	3	NE	SI	Swift	*Apus apus*	Red	No	2	No Notes
Summer_2024	HVP49	Derryfadda	14/07/2024, 10:42										SI	Swift	*Apus apus*	Red	No	4	Feeding
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	T.	Teal	*Anas crecca*	Amber	No	1	No notes
Summer_2021	HVP49	Derryfadda	18-04-21	APRIL	BP	11:15	14:15	8	Yes	Dry	3	S	T.	Teal	*Anas crecca*	Amber	No	1	probably breeding if still in habitat in mid-April
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	T.	Teal	*Anas crecca*	Amber	No	9	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	T.	Teal	*Anas crecca*	Amber	No	4	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	T.	Teal	*Anas crecca*	Amber	No	1	No Notes
Winter_2021_2022	HVP49	Derryfadda	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	TU	Tufted Duck	*Aythya fuligula*	Amber	No	4	flushed by dogs and walkers
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	WM	Whimbrel	*Numenius phaeopus*	Green	No	1	heard only
Summer_2022	HVP49	Derryfadda	12-05-22	MAY	BP	16:00	19:00	8	Yes	Dry	4	SW	WM	Whimbrel	*Numenius phaeopus*	Green	No	1	No notes
Summer_2023	HVP49	Derryfadda	04-05-23	MAY	BP	14:15	17:15	8	Yes	occ. Rain	4	SE	WM	Whimbrel	*Numenius phaeopus*	Green	No	1	on migration north
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	WE	White-tailed Eagle	*Haliaeetus albicilla*	Red	Yes	1	flushes mallard but keep track of this bird 1st record for littleton
Winter_2023_2024	HVP49	Derryfadda	23-03-24	MARCH	BP	15:00	18:00	4	Yes	Dry	4	NW	WE	White-tailed Eagle	*Haliaeetus albicilla*	Red	Yes	1	tagged - probably from re-introduction programme as lough der as it is tagged - right = white, left = orange
Winter_2020_2021	HVP49	Derryfadda	23-10-20	OCTOBER	BP	10:30	13:30	5	Yes	Dry	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	16	No notes
Winter_2020_2021	HVP49	Derryfadda	01-11-20	OCTOBER	BP	11:40	14:40	8	Yes	Long showers	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2020_2021	HVP49	Derryfadda	25-11-20	NOVEMBER	BP	08:00	11:00	0	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes

Winter_2020_2021	HVP49	Derryfadda	15-12-20	DECEMBER	BP	08:00	11:00	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2020_2021	HVP49	Derryfadda	15-12-20	DECEMBER	BP	08:00	11:00	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	same route to GA1 Grazing at obs. 4
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	16	No notes
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	15	No notes
Winter_2020_2021	HVP49	Derryfadda	25-01-21	JANUARY	BP	08:00	11:00	5	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	08-02-21	FEBRUARY	BP	11:10	14:10	8	Yes	Dry	4	E	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2020_2021	HVP49	Derryfadda	15-02-21	FEBRUARY	BP	07:50	10:50	7	Yes	very occasional short showers	5	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	4 adults, 6 juveniles
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	5 adults
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	2 adults, 1 juvenile
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	23	No notes
Autumn_Migration_2021	HVP49	Derryfadda	22-10-21	MIGRATION	BP	07:30	10:30	8	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	WS considered to have recently migrated in, then moving around finding roost and feeding sites
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	13	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2021_2022	HVP49	Derryfadda	20-11-21	NOVEMBER	BP	14:15	17:15	8	Yes	drizzle - dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP49	Derryfadda	23-11-21	NOVEMBER	BP	07:40	10:40	8	Yes	light mist	1	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	including 2 juveniles
Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	No notes

Winter_2021_2022	HVP49	Derryfadda	15-12-21	DECEMBER	BP	07:50	10:50	3	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	2 adults, 2 juveniles
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP49	Derryfadda	18-12-21	DECEMBER	BP	12:20	15:20	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	all adult
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	No notes
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	same 8 WS as obs. No. 1
Winter_2021_2022	HVP49	Derryfadda	25-02-22	FEBRUARY	BP	06:52	09:52	Not recorded	Not recorded	Not recorded	Not recorded	Not recorded	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	not certain weathere these WS flew in from elsewhere or from grazing fields where WS went to earlier
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	9	not certain weathere these WS flew in from elsewhere or from grazing fields where WS went to earlier
Winter_2021_2022	HVP49	Derryfadda	18-03-22	MARCH	BP	06:04	09:04	0	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	not certain weathere these WS flew in from elsewhere or from grazing fields where WS went to earlier
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	34 WS back to grazing fields after they retrieved to roost lake to drink and present and bathe
Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	27	34 WS back to grazing fields after they retrieved to roost lake to drink and present and bathe

Winter_2021_2022	HVP49	Derryfadda	20-03-22	MARCH	BP	12:30	15:30	8	Yes	Dry	3	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	34 WS back to grazing fields after they retrieved to roost lake to drink and present and bathe
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	06:28	09:28	8	Yes	showers	5	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	31	No notes
Spring_Migration_2022	HVP49	Derryfadda	08-03-22	MIGRATION	BP	06:28	09:28	8	Yes	showers	5	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Autumn_Migration_2022	HVP49	Derryfadda	14-10-22	MIGRATION	BP	07:20	10:20	8	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Winter_2022_2023	HVP49	Derryfadda	17-11-22	NOVEMBER	BP	07:15	10:15	6	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP49	Derryfadda	17-11-22	NOVEMBER	BP	07:15	10:15	6	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP49	Derryfadda	18-11-22	NOVEMBER	BP	12:00	15:00	1	Yes	occ. Showers	3	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	14	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2022_2023	HVP49	Derryfadda	06-12-22	DECEMBER	BP	07:45	10:45	8	Yes	occ. Light showers	2	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2022_2023	HVP49	Derryfadda	02-01-23	JANUARY	BP	08:45	11:45	2	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	18	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	No notes
Winter_2022_2023	HVP49	Derryfadda	06-02-23	FEBRUARY	BP	07:25	10:25	7	Yes	Dry	3	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No notes
Winter_2022_2023	HVP49	Derryfadda	27-03-23	Spring Migration	BP	06:43	09:43	8	Yes	Dry	2	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	1	No Notes
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	including 2 juveniles
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	come in low from SW
Winter_2023_2024	HVP49	Derryfadda	05-12-23	DECEMBER	BP	07:45	10:45	7	Yes	Dry	1	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	41	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2023_2024	HVP49	Derryfadda	10-01-24	JANUARY	BP	08:00	11:00	1	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	No Notes
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	same as 12 WS as observation 1
Winter_2023_2024	HVP49	Derryfadda	13-01-24	JANUARY	BP	10:15	013:15:00	1	Yes	Dry	1	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	12	same as 12 WS as observation 1
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No Notes
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	34	No Notes
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No Notes
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	No Notes
Winter_2023_2024	HVP49	Derryfadda	07-02-24	FEBRUARY	BP	07:27	10:27	6	Yes	Dry	1	NE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No Notes

Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	17	Fly to grazing fields together
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	27	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No Notes
Winter_2023_2024	HVP49	Derryfadda	20-03-24	Spring Migration	BP	06:00	09:00	8	Yes	occ. Light rain	2	N	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	total 54 WS
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	Going to roost on pond
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	11	No notes
Spring_Migration_2025	HVP49	Derryfadda	01-03-25	Spring Migration	BP	15:50	18:50	8	Yes	Dry	F2-0	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	26	going to roost on ponds
Winter_2024_2025	HVP49	Derryfadda	23/10/2024, 07:59										WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	2	Dawn dispersal. Recent winter migrants
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	WN	Wigeon	*Anas penelope*	Amber	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Winter_2020_2021	HVP49	Derryfadda	JANUARY	JANUARY	BP	NA	NA	NA	NA	NA	NA	NA	WP	Woodpigeon	*Columba palumbus*	Green	No	NA	No notes
Winter_2020_2021	HVP49	Derryfadda	15/12/20&17/12/20	DECEMBER	BP	NA	NA	NA	NA	NA	NA	NA	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	All bird species recorded in December visits within the 500m buffer
Summer_2024	HVP49	Derryfadda	14/07/2024, 07:56										SN	Snipe	*#N/A*	#N/A	#N/A	1	Chipping on & off throughout watch period
Summer_2024	HVP49	Derryfadda	14/07/2024, 07:58										CU	Curlew	*#N/A*	#N/A	#N/A	5	Could be more than 5, several calling but stayed low behind 'high field'
Summer_2024	HVP49	Derryfadda	01/09/2024, 12:01		B Porter								BZ	Buzzard	*#N/A*	#N/A	#N/A	1	Preening
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	B.	Blackbird	*Turdus merula*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	B.	Blackbird	*Turdus merula*	Green	No	NA	No notes
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	12	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	all sub-adult

Summer_2021	HVP50	Clonsaul	19-08-21	AUGUST	BP	10:25	13:25	8	Yes	light showers	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	possibly last remaining juvenile from now abandoned BH colony, can fly , could have flown in from elsewhere but considered to have fledged here
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	10	disturbed by PE
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	07:15	10:15	7	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	almost land into lake but fly off east
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	occ. Showers	4	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony data in 'BH interval watch'
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	07:00	10:00	0	Yes	Dry	1	Not recorded	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	LB & BH flying together
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	NA	look at BH colony sheet
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	NA	see BH colony data sheet
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch - colony appeared unsettled
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	colony abandonded - apparantly have left - see VP13 watch 3/4/23 - Ponds water level still too hight? Also force 4 winds might disturbe to th esurface water and nest building
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab

Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	mobbing BZ with prey
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony survey in BH colony watch tab
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	BH colony disbanded, all juveniles fledged and left breeding site
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	18	hand in the area for a long time then fly back down, after being disturbed by PE
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	4	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	27	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	14	few more dropped in to colony unseen
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	9	No Notes

Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	13	more left unseen whilst tracking flight line
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	17	all circle high together and fly off east
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	BH colony data in BH colony data tab
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	BH colony complete except for a few birds protecting sinle fledgling at VP12 colony. Birds may have moved to VP4 colony to protect breeders there
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	No Notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	over 2024 colony
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	6	to 2024 colony fom northeast
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	from 2024 colony by VP12 to main 2023 colony and back
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	8	no notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	43	BH leave colony area
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	BH flock visits 2023 main colony area and chase away lone LB
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	15	circle up from 2024 colony by VP12
Summer_2024	HVP50	Clonsaul	08/07/2024, 14:45	April	BP								BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Commuting
Summer_2024	HVP50	Clonsaul	08/07/2024, 14:56	April	BP								BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Dropping down onto pond
Summer_2024	HVP50	Clonsaul	08/07/2024, 15:27	May	BP								BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Over cut grass GA1

Summer_2024	HVP50	Clonsaul	08/07/2024, 16:48	July	BP								BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	Commuting
Summer_2024	HVP50	Clonsaul	08/07/2024, 17:08	July	BP								BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	Commuting
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	BW	Black-tailed Godwit	*Limosa limosa*	Red	No	1	feeding at lake shore
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	BT	Blue Tit	*Cyanistes caeruleus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	BF	Bullfinch	*Pyrrhula pyrrhula*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	BZ	Buzzard	*Buteo buteo*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	30-12-20	DECEMBER	LB	09:00	15:30	4	Yes	Dry	0	none	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	09:00	12:00	8	Yes	heavy drizzle 10:30-11:00	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	NA	perched on tree for most of survey
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	07:20	10:20	6	Yes	Dry	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	18-08-21	AUGUST	BP	14:00	17:00	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	loosly associated with BZ female but still considered a pair
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	pair on territory inc' displaying
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	07:15	10:15	7	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	displays down to probable nest tree
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes

Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	4	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	10:50	13:50	7	Yes	Dry	1	none	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	10:50	13:50	7	Yes	Dry	1	none	BZ	Buzzard	*Buteo buteo*	Green	No	2	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	with 2nd BZ for a while
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	with prey - possibly Bh chick mobbed by 50-55 BH - shows how many BH can be present but hidden in vegetation viewed from VP13
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	mobbed by 15 RO to 150m high for 4 minutes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	BZ	Buzzard	*Buteo buteo*	Green	No	1	joined by 2nd BZ plus 3rd and 4th soaring adjacent to west - fly off north and chased away by 5th and 6th BZ (probably a pair) 6 BZ in total in viewshed
Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	08:00	11:00	8	Yes	some drizzle	3	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes

Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	3	circle high together
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	2	joined by 3rd BZ
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	2	mobbed by BH
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	disturbs flock of xxx then flies off
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	3	circling together
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	BZ	Buzzard	*Buteo buteo*	Green	No	1	drops fro prey fast
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	BZ	Buzzard	*Buteo buteo*	Green	No	1	immature BZ huting pond edge, mobbed by 2HC
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	prolonged display back to suspected nest tree
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	male in short display
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	BZ	Buzzard	*Buteo buteo*	Green	No	2	both in display - 3rd BZ enen higher to NE
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	BZ	Buzzard	*Buteo buteo*	Green	No	1	No notes
Summer_2024	HVP50	Clonsaul	08/07/2024, 15:16	April	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Circling and gliding
Summer_2024	HVP50	Clonsaul	01/08/2024, 12:32	April	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Drops into field fast hunting.
Summer_2024	HVP50	Clonsaul	01/08/2024, 12:48	April	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Adult female seriously mobs 4HC (for a change) over 2024 nest tree.
Summer_2024	HVP50	Clonsaul	01/08/2024, 14:38	April	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Flying fast
Summer_2024	HVP50	Clonsaul	30/08/2024, 13:41	June	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Calling and soaring
Summer_2024	HVP50	Clonsaul	30/08/2024, 15:37	June	BP								BZ	Buzzard	*Buteo buteo*	Green	No	1	Calls. Molting adult.
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	CH	Chaffinch	*Fringilla coelebs*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	CT	Coal Tit	*Periparus ater*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	FR	Common Redpoll	*Carduelis flammea*	Green	No	6	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	CS	Common Sandpiper	*Actitis hypoleucos*	Amber	No	1	No notes
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	CU	Curlew	*Numenius arquata*	Red	No	1	calling
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	CU	Curlew	*Numenius arquata*	Red	No	6	No notes
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	CU	Curlew	*Numenius arquata*	Red	No	1	No notes

Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	D.	Dunnock	*Prunella modularis*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	D.	Dunnock	*Prunella modularis*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	D.	Dunnock	*Prunella modularis*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	FF	Fieldfare	*Turdus pilaris*	Green	No	50	flush of 50+20 Fieldfare and Redwing dropped in for 5 mins.
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	FF	Fieldfare	*Turdus pilaris*	Green	No	NA	No notes
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	11:30	14:30	7	Yes	Dry-drizzle showers	4	SW	FF	Fieldfare	*Turdus pilaris*	Green	No	200	over 200 FF and RE in the area
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	GC	Goldcrest	*Regulus regulus*	Amber	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	30-12-20	DECEMBER	LB	09:00	15:30	4	Yes	Dry	0	none	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	50	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	09:00	12:00	8	Yes	heavy drizzle 10:30-11:00	2	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	44	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	07:20	10:20	6	Yes	Dry	6	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	34	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	2	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	48	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	9	at 16:00 on ponds
Winter_2021_2022	HVP50	Clonsaul	11-10-21	OCTOBER	BP	07:15	10:15	7	Yes	Dry, early mist clears	1	NW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	45	distant, obscured b trees in foreground
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	28	No notes
Winter_2021_2022	HVP50	Clonsaul	18-12-21	DECEMBER	BP	08:45	11:45	8	Yes	occ. drizzle	2	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	64	64 GP roosting c. 350m from VP 13 on arrival
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	1000	in large flock c. 4-5 km to north west of VP 13 at 100 - 200 m high
Winter_2022_2023	HVP50	Clonsaul	16-11-22	NOVEMBER	BP	07:15	10:15	1	Yes	Dry	0	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	52	52 GP roosting on bog on arrival - no mark on map
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	52	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	88	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	88	No notes
Winter_2022_2023	HVP50	Clonsaul	03-01-23	JANUARY	BP	14:10	17:10	8	Yes	occ. showers	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	950	wheeling around over fields 2.5-3km away
Winter_2022_2023	HVP50	Clonsaul	03-01-23	JANUARY	BP	14:10	17:10	8	Yes	occ. showers	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	2	land in to perch on gravel

Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	1250	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	145	75 land down, 70 fly south
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	310	wheel around then land in with flock of 75 GP 385 GP total at roost
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	4	No Notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	23	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	Not recorded	heard overhead but not seen
Winter_2023_2024	HVP50	Clonsaul	15-11-23	NOVEMBER	BP	07:14	10:14	6	Yes	Dry	2	W	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	51	for entire watch roosting on pond shore, max count 51
Winter_2023_2024	HVP50	Clonsaul	15-11-23	NOVEMBER	BP	10:45	13:45	5	Yes	Dry	2	SW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	57	No Notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	77	colony not yet established but typical exploratory visits in early spring
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	77	climb to c 280 m
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 08:14	April	BP								GP	Golden Plover	*Pluvialis apricaria*	Red	Yes	14	Post breeding Migrants from the north showing some summer plumage
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	GO	Goldfinch	*Carduelis carduelis*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	GO	Goldfinch	*Carduelis carduelis*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	GB	Great Black-backed Gull	*Larus marinus*	Green	No	3	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	07:00	10:00	0	Yes	Dry	1	Not recorded	GS	Great Spotted Woodpecker	*Dendrocopos major*	Green	No	1	new GS territory for littleton
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	GT	Great Tit	*Parus major*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	GE	Green Sandpiper	*Tringa ochropus*	Green	No	NA	green sandpiper lfushed on walk back to car (GE)
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	H.	Grey Heron	*Ardea cinerea*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes

Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	07:20	10:20	6	Yes	Dry	6	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	10:45	13:45	3	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	2nd H. with it at first
Summer_2021	HVP50	Clonsaul	18-08-21	AUGUST	BP	14:00	17:00	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-08-21	AUGUST	BP	10:25	13:25	8	Yes	light showers	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-08-21	AUGUST	BP	10:25	13:25	8	Yes	light showers	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	very quiet now post breeding
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	very quiet now post breeding
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	10:00	13:00	8	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	very quiet now post breeding
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	13:30	16:30	8	Yes	Dry	1	E	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	22-02-22	FEBRUARY	BP	08:30	11:30	3	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No notes
Winter_2021_2022	HVP50	Clonsaul	22-02-22	FEBRUARY	BP	08:30	11:30	3	Yes	Dry	4	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	09:45	12:45	0	Yes	Dry	4	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	07:00	10:00	0	Yes	Dry	1	Not recorded	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	joined by 2L. For a while
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	mobbed by several BH
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes

Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	mobbed by BH all the way
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	H.	Grey Heron	*Ardea cinerea*	Green	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	H.	Grey Heron	*Ardea cinerea*	Green	No	2	No Notes
Summer_2024	HVP50	Clonsaul	08/07/2024, 13:37	April	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Lands down by pond
Summer_2024	HVP50	Clonsaul	08/07/2024, 17:21	April	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moves to new feeding area. L. Heard alarm calling as H. gets up
Summer_2024	HVP50	Clonsaul	01/08/2024, 15:07	April	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moving to feed
Summer_2024	HVP50	Clonsaul	30/08/2024, 14:45	June	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Drops in to feed
Summer_2024	HVP50	Clonsaul	30/08/2024, 15:32	June	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Joined by adult.
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 17:06	July	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moves out of ponds by VP13 to ponds at VP11
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 10:40	May	BP								H.	Grey Heron	*Ardea cinerea*	Green	No	1	Moving to different ponds
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	flushed 4 Snipe
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	juvenile HH showing plumage details pointing to 'northern harrier'. This species, same agae, present in Lough duora in recent weeks!
Winter_2021_2022	HVP50	Clonsaul	22-02-22	FEBRUARY	BP	08:30	11:30	3	Yes	Dry	4	NW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No notes
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	gets up off bog
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	appears to follow HH ringtail, adult
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	hunting, two strikes, no success
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	07:15	10:15	7	Yes	Dry	3	SE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	Ringtail considered juvenile female, quite hooded - poss vagrant northern harrier
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	2nd winter sub-adult

Winter_2022_2023	HVP50	Clonsaul	01-12-22	DECEMBER	BP	14:00	17:00	6	Yes	Dry	3	SE	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	HH male hunts then flies rather fast and appears to go to ground/ roost in tall grass area, or behind scrub. Went down or passed low over typical roost habitat in long grass and heath on 'high field' of bog
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	1st winter - mobbed by HC almost all the way
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	HH	Hen Harrier	*Circus cyaneus*	Amber	Yes	1	No Notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	2	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	HC	Hooded Crow	*Corvus cornix*	Green	No	NA	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbed HH
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbing K.
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbing BZ
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	HC	Hooded Crow	*Corvus cornix*	Green	No	Not recorded	mobbed by L.
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	JD	Jackdaw	*Corvus monedula*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	JD	Jackdaw	*Corvus monedula*	Green	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	JD	Jackdaw	*Corvus monedula*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	J.	Jay	*Garrulus glandarius*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	J.	Jay	*Garrulus glandarius*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	juvenile
Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	K.	Kestrel	*Falco tinnunculus*	Red	No	NA	All bird species recorded in October visits within the 500m buffer

Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	hovered for two minutes and flew out of view
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	09:00	12:00	8	Yes	heavy drizzle 10:30-11:00	2	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	09:00	12:00	8	Yes	heavy drizzle 10:30-11:00	2	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	10:50	13:50	6	Yes	intermittent showers	6	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2021	HVP50	Clonsaul	18-08-21	AUGUST	BP	14:00	17:00	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	catches small mammal prey and eats it upon small turf mound, considered to be white toothed shrew by size and colour
Summer_2021	HVP50	Clonsaul	19-08-21	AUGUST	BP	10:25	13:25	8	Yes	light showers	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	07:00	10:00	0	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	07:00	10:00	0	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	16:00	19:00	0	Yes	Dry	1	Not recorded	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	14:20	17:20	7	Yes	Dry	1	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	01-01-23	JANUARY	BP	12:15	15:15	8	Yes	Dry	4	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes

Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	hunting dragonflies
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	2nd K. briefly seen hunting adjacent
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	06-10-23	OCTOBER	GP	10:30	13:30	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	06-10-23	OCTOBER	GP	10:30	13:30	8	Yes	Dry	3	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	perches on bog
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by RO
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	calling a lot and mobbed by Ro
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by HC
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	mobbed by HC all the way
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	K.	Kestrel	*Falco tinnunculus*	Red	No	2	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	K.	Kestrel	*Falco tinnunculus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08/07/2024, 15:18	April	BP								K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:02	June	BP								K.	Kestrel	*Falco tinnunculus*	Red	No	1	Hunting
Summer_2024	HVP50	Clonsaul	01/08/2024, 15:14	April	BP								K.	Kestrel	*Falco tinnunculus*	Red	No	1	Calling
Summer_2024	HVP50	Clonsaul	30/08/2024, 16:14	July	BP								K.	Kestrel	*Falco tinnunculus*	Red	No	1	In molt. Sub adult male
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	landed on edge of bog pool
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	07:20	10:20	6	Yes	Dry	6	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	15	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	06:45	09:45	8	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	06:45	09:45	8	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	06:45	09:45	8	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	8	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	06:45	09:45	8	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	5	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	06:45	09:45	8	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	6	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	L.	Lapwing	*Vanellus vanellus*	Red	No	11	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	L.	Lapwing	*Vanellus vanellus*	Red	No	NA	No notes
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	3	from ponds to ploughed field
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	11	from ploughed field to poind
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	2	mobbing HC
Summer_2021	HVP50	Clonsaul	16-04-21	APRIL	BP	15:40	18:40	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	4	No notes
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	with 2nd and 3rd L. for a while
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	rises with 4 L. and continues to fly and call

Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	displaying, 2nd and 3rd L. male in short display also
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	4	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	2nd L. flying low also
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	L. female rises briefly too
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	mobbed by HC
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	at 16:00 on ponds
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	09:45	12:45	0	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No notes
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	09:45	12:45	0	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	Dry	4	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	mobs RRN going over which causes BH colony to react and rise also
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	38	No notes
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	48	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	3	No notes
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	probably flushed by PE
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes

Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No Notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	No Notes
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	joined by 2nd L. for a time
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	alarm calling, mobbing RN - suspected nest site
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	2	consitantly mobbing H.
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	reacts to K. flying over - considered still defending territory/chick and breeding lightly successful
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	28	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	65	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	35	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	45	No Notes
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	L.	Lapwing	*Vanellus vanellus*	Red	No	2	mobbing H.
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	L.	Lapwing	*Vanellus vanellus*	Red	No	1	2nd L. perched at other end of pond
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	mobbing HC
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	L.	Lapwing	*Vanellus vanellus*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08/07/2024, 15:43	May	BP								L.	Lapwing	*Vanellus vanellus*	Red	No	1	Calling. Possibly still defending fledgling.
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:04	June	BP								L.	Lapwing	*Vanellus vanellus*	Red	No	1	Alarm calling. Definitely defending chick.
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:56	July	BP								L.	Lapwing	*Vanellus vanellus*	Red	No	1	Female calling.
Summer_2024	HVP50	Clonsaul	01/08/2024, 14:00	April	BP								L.	Lapwing	*Vanellus vanellus*	Red	No	1	Alarm calling. Probably defending juv. Known territory

Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	No notes
Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	31	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	15	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	13	including 4 juveniles, at 16:00 on ponds
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	on pond to south of VP13, at 16:00 on ponds
Autumn_Migration_2021	HVP50	Clonsaul	22-10-21	MIGRATION	BP	11:00	14:00	8	Yes	Dry	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	19	No notes
Autumn_Migration_2021	HVP50	Clonsaul	22-10-21	MIGRATION	BP	11:00	14:00	8	Yes	Dry	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	9	No notes
Autumn_Migration_2021	HVP50	Clonsaul	22-10-21	MIGRATION	BP	11:00	14:00	8	Yes	Dry	2	W	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Winter_2021_2022	HVP50	Clonsaul	09-10-21	OCTOBER	BP	11:00	14:00	8	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	31	No notes
Winter_2021_2022	HVP50	Clonsaul	11-10-21	OCTOBER	BP	07:15	10:15	7	Yes	Dry, early mist clears	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Winter_2021_2022	HVP50	Clonsaul	11-10-21	OCTOBER	BP	07:15	10:15	7	Yes	Dry, early mist clears	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	No notes
Winter_2021_2022	HVP50	Clonsaul	11-10-21	OCTOBER	BP	07:15	10:15	7	Yes	Dry, early mist clears	1	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	27	No notes
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	9	No notes
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No notes
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	7	No notes
Winter_2021_2022	HVP50	Clonsaul	18-11-21	NOVEMBER	BP	12:00	15:00	5	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	14	No notes
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	17	No notes
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	14	drop in and roost together on small island
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No notes
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No notes
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	Dry	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	33	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	10:30	13:30	6	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	45	No notes

Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	16	No notes
Summer_2022	HVP50	Clonsaul	15-06-22	JUNE	BP	14:00	17:00	5	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	16:00	19:00	0	Yes	Dry	1	Not recorded	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	16:00	19:00	0	Yes	Dry	1	Not recorded	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	10:50	13:50	7	Yes	Dry	1	none	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	14:20	17:20	7	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	14:20	17:20	7	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	juveniles and sub-adults
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	150	leaving roost south of VP 13 for c. 25 ms.
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	76	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	52	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	38	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	47	No notes
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	21	No notes
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	105	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	LB & BH flying together
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	11:00	14:00	3	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	No Notes
Summer_2023	HVP50	Clonsaul	14-06-23	JUNE	BP	14:30	17:30	5	Yes	Dry	3	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	8	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	9	moving from GA1 to GA1 habitat
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	No Notes
Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	13	No Notes

Autumn_Migration_2023	HVP50	Clonsaul	21-10-23	MIGRATION	BP	15:30	18:30	7	Yes	Dry	3	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	11-01-24	JANUARY	BP	09:45	12:45	7	Yes	Dry	2	NE	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	Ponds 4/5 iced over
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	25	fly off bog where BH were
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	10	No Notes
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	12:15	15:15	8	Yes	Dry	8	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	4	all circle high together and fly off east
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	mobbed by BH all the way
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	BH flock visits 2023 main colony area and chase away lone LB
Summer_2024	HVP50	Clonsaul	08/07/2024, 13:41	April	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	Commuting
Summer_2024	HVP50	Clonsaul	08/07/2024, 14:40	April	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	Drops in from a height
Summer_2024	HVP50	Clonsaul	08/07/2024, 15:41	May	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	5	Leaving area
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:29	June	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	6	Post breeding group commuting
Summer_2024	HVP50	Clonsaul	30/08/2024, 15:41	June	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	12	Moving through area
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 07:42	July	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	1	Flying
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 07:44	July	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	3	Post dawn dispersal
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 07:59	April	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	7	Adults and juvs.
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 08:25	April	BP								LB	Lesser Black-backed Gull	*Larus fuscus*	Amber	No	13	Moving field to feed
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	LR	Lesser Redpoll	*Carduelis cabaret*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	LI	Linnet	*Carduelis cannabina*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	LI	Linnet	*Carduelis cannabina*	Amber	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	LI	Linnet	*Carduelis cannabina*	Amber	No	NA	No notes
Summer_2021	HVP50	Clonsaul	17-04-21	APRIL	BP	15:15	18:15	7/8-8/8	Yes	Dry	3	S	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	at 16:00 on ponds
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	3	No notes
Winter_2021_2022	HVP50	Clonsaul	20-11-21	NOVEMBER	BP	07:20	10:20	8	Yes	Dry	1	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes

Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	15-11-23	NOVEMBER	BP	07:14	10:14	6	Yes	Dry	2	W	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	12:30	15:30	8	Yes	some rain	2	SE	ET	Little Egret	*Egretta garzetta*	Green	Yes	1	No Notes
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 17:36	July	BP								ET	Little Egret	*Egretta garzetta*	Green	Yes	1	Moving position to feed
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	NA	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	LG	Little Grebe	*Tachybaptus ruficollis*	Green	No	4	at 16:00 on ponds
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	LT	Long-tailed Tit	*Aegithalos caudatus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	MG	Magpie	*Pica pica*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	MG	Magpie	*Pica pica*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	26	on pond
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	11	landed in bog pool
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	MA	Mallard	*Anas platyrhynchos*	Amber	No	NA	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	at 16:00 on ponds
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	09:45	12:45	0	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	pair together
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No notes
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	Dry	4	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes

Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	11	distrubed by apparent gunshot!
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Summer_2022	HVP50	Clonsaul	27-08-22	SEPTEMBER	BP	14:20	17:20	7	Yes	Dry	1	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	16-11-22	NOVEMBER	BP	07:15	10:15	1	Yes	Dry	0	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	48	ca. 48 MA beyond disturbed by hunters, but well behind VP13
Winter_2022_2023	HVP50	Clonsaul	02-03-23	MARCH	BP	11:30	14:30	6	Yes	Dry	2	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2022_2023	HVP50	Clonsaul	20-03-23	Spring Migration	BP	06:00	09:00	8	Yes	Dry	3	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	03-04-23	APRIL	BP	13:30	16:30	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Winter_2023_2024	HVP50	Clonsaul	06-10-23	OCTOBER	GP	10:30	13:30	8	Yes	Dry	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	08:00	11:00	8	Yes	some drizzle	3	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	11	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	21-03-24	Spring Migration	BP	06:10	09:10	8	Yes	occ. Light rain	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Winter_2023_2024	HVP50	Clonsaul	23-03-24	Spring Migration	BP	11:15	14:15	6	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Winter_2023_2024	HVP50	Clonsaul	23-03-24	Spring Migration	BP	11:15	14:15	6	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	23-03-24	Spring Migration	BP	11:15	14:15	6	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Winter_2023_2024	HVP50	Clonsaul	23-03-24	Spring Migration	BP	11:15	14:15	6	Yes	Dry	4	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	female BZ soaring in area
Summer_2024	HVP50	Clonsaul	24-04-24	APRIL	BP	11:30	14:30	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes

Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Summer_2024	HVP50	Clonsaul	09-05-24	MAY	BP	11:30	14:30	7	Yes	Dry	3	S	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	5	No Notes
Summer_2024	HVP50	Clonsaul	19-06-24	JUNE	BP	15:30	18:30	5	Yes	Dry	2	NW	MA	Mallard	*Anas platyrhynchos*	Amber	No	3	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	MA	Mallard	*Anas platyrhynchos*	Amber	No	1	No Notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	MA	Mallard	*Anas platyrhynchos*	Amber	No	2	commuting
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	10:05	13:05	6-1	Yes	Dry	F1-2	SSW	MA	Mallard	*Anas platyrhynchos*	Amber	No	4	No notes
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:31	June	BP								MA	Mallard	*Anas platyrhynchos*	Amber	No	1	Flying out of area
Summer_2024	HVP50	Clonsaul	30/08/2024, 17:08	July	BP								MA	Mallard	*Anas platyrhynchos*	Amber	No	4	with 3 female
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 11:36	May	BP								MA	Mallard	*Anas platyrhynchos*	Amber	No	11	Completely left Bawnmore ponds
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	mobbed by kestrel for a while
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	MR	Marsh Harrier	*Circus aeruginosus*	Amber	Yes	1	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	4	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	MP	Meadow Pipit	*Anthus pratensis*	Red	No	NA	No notes
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	trickle of small passerine flocks moving SW over VP13 including S., MP and SL
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	MP	Meadow Pipit	*Anthus pratensis*	Red	No	Not recorded	occasonally calling/ flying over VP 13
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	ML	Merlin	*Falco columbarius*	Amber	Yes	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	ML	Merlin	*Falco columbarius*	Amber	Yes	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	M.	Mistle Thrush	*Turdus viscivorus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	MH	Moorhen	*Gallinula chloropus*	Green	No	NA	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	MH	Moorhen	*Gallinula chloropus*	Green	No	1	at 16:00 on ponds

Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	MH	Moorhen	*Gallinula chloropus*	Green	No	1	No Notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	4	on pond
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	MS	Mute Swan	*Cygnus olor*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	continued out of view
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	6	six Mute Swan present on bog pools from 8:45
Winter_2020_2021	HVP50	Clonsaul	30-12-20	DECEMBER	LB	09:00	15:30	4	Yes	Dry	0	none	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2020_2021	HVP50	Clonsaul	18-02-21	FEBRUARY	AA	07:20	10:20	6	Yes	Dry	6	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	3	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	7	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	at 16:00 on ponds
Autumn_Migration_2021	HVP50	Clonsaul	22-10-21	MIGRATION	BP	11:00	14:00	8	Yes	Dry	2	W	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	11:30	14:30	8	Yes	Dry-drizzle showers	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	01-12-22	DECEMBER	BP	14:00	17:00	6	Yes	Dry	3	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	03-01-23	JANUARY	BP	14:10	17:10	8	Yes	occ. showers	4	SW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	No notes
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	05:45	08:45	7	Yes	Dry	4	S	MS	Mute Swan	*Cygnus olor*	Amber	No	1	No Notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	MS	Mute Swan	*Cygnus olor*	Amber	No	2	commuting
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 08:57	April	BP								MS	Mute Swan	*Cygnus olor*	Amber	No	1	High for a swan but F4 gusting 5&6
Summer_2021	HVP50	Clonsaul	03-09-21	SEPTEMBER	BP	13:30	16:30	8	Yes	Dry	1	E	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	flies off perch on bog ridge - keeps low
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	S	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	adult mobbed by 2 RN
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Spring_Migration_2022	HVP50	Clonsaul	10-03-22	MIGRATION	BP	14:30	17:30	7	Yes	Dry	5	SE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	11-10-22	OCTOBER	BP	13:00	16:00	7	Yes	Dry	3	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No notes
Winter_2022_2023	HVP50	Clonsaul	06-02-23	FEBRUARY	BP	11:00	14:00	7	Yes	Dry	3	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	perched on bog for prolonged period
Winter_2022_2023	HVP50	Clonsaul	01-03-23	Spring Migration	BP	14:30	17:30	8	Yes	Dry	3	NE	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	flies towards occational territory at foulkstown castle by hvp26
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	No Notes

Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	11:30	14:30	8	Yes	one shower	5	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	perches on favoured perch low mound on bog high field between pools
Winter_2023_2024	HVP50	Clonsaul	19-03-24	MARCH	BP	08:45	11:45	8	Yes	Dry	8	SW	PE	Peregrine	*Falco peregrinus*	Green	Yes	1	disturb BH
Summer_2024	HVP50	Clonsaul	30/08/2024, 12:59	June	BP								PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Calling. Adult PE possibly in area.
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 16:52	July	BP								PE	Peregrine	*Falco peregrinus*	Green	Yes	1	Assumed on the hunt typically using strong winds but no dives or stoops for prey observed
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	PH	Pheasant	*Phasianus colchicus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	PW	Pied/White Wagtail	*Motacilla alba*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	RN	Raven	*Corvus corax*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	RN	Raven	*Corvus corax*	Green	No	NA	No notes
Summer_2022	HVP50	Clonsaul	11-08-22	AUGUST	BP	16:00	19:00	0	Yes	Dry	1	Not recorded	RN	Raven	*Corvus corax*	Green	No	16	maximum count in viewshed, mainly at 100-200m height for prolonged periods
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	RT	Redstart	*Phoenicurus phoenicurus*	Red	No	1	no notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	RE	Redwing	*Turdus iliacus*	Red	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	RE	Redwing	*Turdus iliacus*	Red	No	20	flush of 50+20 Fieldfare and Redwing dropped in for 5 mins.
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	11:30	14:30	7	Yes	Dry-drizzle showers	4	SW	RE	Redwing	*Turdus iliacus*	Red	No	200	over 200 FF and RE in the area
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	3	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	RB	Reed Bunting	*Emberiza schoeniclus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	NA	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	3	No notes

Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	12:30	15:30	7	Yes	occasional showers	3	NW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	2	No notes
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	in display flight
Summer_2021	HVP50	Clonsaul	16-06-21	JUNE	BP	15:00	18:00	7	Yes	Dry	2	W	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	adult calling, still on territory
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	13:15	16:15	1	Yes	Dry	4	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	3	one displays to two others when on ground, RP back on territory
Summer_2022	HVP50	Clonsaul	08-04-21	APRIL	BP	14:30	17:30	7	Yes	short showers	3	NW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2022	HVP50	Clonsaul	10-04-21	APRIL	BP	11:40	14:40	8	Yes	occ. drizzle	4	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	Not recorded	heard on and off throughout watch period
Summer_2022	HVP50	Clonsaul	08-05-22	MAY	BP	01:30	18:30	7	Yes	Dry	4	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2022	HVP50	Clonsaul	12-05-22	MAY	BP	12:00	15:00	8	Yes	occ. Showers	5	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	2	No notes
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	13:30	16:30	8	Yes	Dry	4	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	mobbing BH
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	Not recorded	heard only - flying past VP13
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	10:15	13:15	8	Yes	occ. Short showers	3	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	calls heard on and off throughout watch
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	Not recorded	heard only - heard on and off during watch
Summer_2024	HVP50	Clonsaul	08-05-24	MAY	BP	15:45	18:45	2	Yes	Dry	2	SE	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	calling all the way
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	RP	Ringed Plover	*Charadrius hiaticula*	Amber	No	1	heard only
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	R.	Robin	*Erithacus rubecula*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	R.	Robin	*Erithacus rubecula*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	RO	Rook	*Corvus frugilegus*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	RO	Rook	*Corvus frugilegus*	Green	No	3	No notes
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	RO	Rook	*Corvus frugilegus*	Green	No	NA	No notes
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	RO	Rook	*Corvus frugilegus*	Green	No	Not recorded	mobbing K. and BZ in the area

Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	SM	Sand Martin	*Riparia riparia*	Amber	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	S.	Skylark	*Alauda arvensis*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	S.	Skylark	*Alauda arvensis*	Amber	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	S.	Skylark	*Alauda arvensis*	Amber	No	NA	No notes
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	trickle of small passerine flocks moving SW over VP13 including S., MP and SL
Winter_2023_2024	HVP50	Clonsaul	22-10-23	OCTOBER	GP	08:00	11:00	7	Yes	early mist	2	S	S.	Skylark	*Alauda arvensis*	Amber	No	Not recorded	regularly calling/ flying over VP13
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	SN	Snipe	*Gallinago gallinago*	Red	No	NA	No notes
Summer_2021	HVP50	Clonsaul	19-05-21	MAY	BP	09:00	12:00	7	Yes	Dry	2	NW	SN	Snipe	*Gallinago gallinago*	Red	No	1	heard chipping on and off throughout watch
Summer_2021	HVP50	Clonsaul	15-06-21	JUNE	BP	07:30	10:30	7	Yes	Dry	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	displaying - also heard drumming on turf during watch
Winter_2022_2023	HVP50	Clonsaul	16-11-22	NOVEMBER	BP	07:15	10:15	1	Yes	Dry	0	SE	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	19-11-22	NOVEMBER	BP	09:15	12:15	8	Yes	occ. Spitting	3	S	SN	Snipe	*Gallinago gallinago*	Red	No	4	No notes
Winter_2022_2023	HVP50	Clonsaul	01-12-22	DECEMBER	BP	14:00	17:00	6	Yes	Dry	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	18	probably flushed by hunting HH
Winter_2022_2023	HVP50	Clonsaul	01-12-22	DECEMBER	BP	14:00	17:00	6	Yes	Dry	3	SE	SN	Snipe	*Gallinago gallinago*	Red	No	2	No notes
Winter_2022_2023	HVP50	Clonsaul	01-01-23	JANUARY	BP	12:15	15:15	8	Yes	Dry	4	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	07-02-23	FEBRUARY	BP	13:30	16:30	7	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	3	No notes
Summer_2024	HVP50	Clonsaul	20-04-24	APRIL	BP	15:00	18:00	5	Yes	Dry	1	Not recorded	SN	Snipe	*Gallinago gallinago*	Red	No	1	No Notes
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	1	drumming and chipping on and off after
Summer_2024	HVP50	Clonsaul	20-06-24	JUNE	BP	10:00	13:00	8	Yes	Dry	2	SW	SN	Snipe	*Gallinago gallinago*	Red	No	2	both drumming away
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	ST	Song Thrush	*Turdus philomelos*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	22-02-22	FEBRUARY	BP	08:30	11:30	3	Yes	Dry	4	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2021_2022	HVP50	Clonsaul	25-02-22	FEBRUARY	BP	14:40	17:40	8	Yes	occ. Light rain	4	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	hunting low
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Winter_2022_2023	HVP50	Clonsaul	08-10-22	OCTOBER	BP	11:00	14:00	0	Yes	Dry	2	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Summer_2023	HVP50	Clonsaul	03-05-23	MAY	BP	10:00	13:00	8	Yes	Dry	4	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes

Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	14:30	17:30	7	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	glides down to 2nd SH female juvenile, both interact briefly then split and fly off successfully fledged from forestry block east of VP13
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2023_2024	HVP50	Clonsaul	06-10-23	OCTOBER	GP	10:30	13:30	8	Yes	Dry	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	2	mobbing each other and circling together - presumed fledged locally, perhaps from nest c. 1500m to south east in forestry by VP13
Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	08:00	11:00	8	Yes	some drizzle	3	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	2	including short display by female
Winter_2023_2024	HVP50	Clonsaul	10-12-23	DECEMBER	BP	11:30	14:30	8	Yes	one shower	5	SW	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	straight to known territory and successful nest area in 2023
Winter_2023_2024	HVP50	Clonsaul	13-02-24	FEBRUARY	BP	09:00	12:00	8	Yes	Dry	2	SE	SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	No Notes
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 18:54	July	BP								SH	Sparrowhawk	*Accipiter nisus*	Green	No	1	Puts up c. 8 MP
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	SG	Starling	*Sturnus vulgaris*	Amber	No	NA	No notes
Spring_Migration_2025	HVP50	Clonsaul	03-03-25	Spring Migration	BP	06:35	09:35	2-6	Yes	Dry	F0-1	SSW	SG	Starling	*Sturnus vulgaris*	Amber	No	6000	several larger flocks moving through east to west; commuting from roost
Winter_2021_2022	HVP50	Clonsaul	18-03-22	MARCH	BP	09:45	12:45	0	Yes	Dry	4	SE	SD	Stock Dove	*Columba oenas*	Red	No	2	fly over VP13 area
Winter_2021_2022	HVP50	Clonsaul	10-03-22	MARCH	BP	14:30	17:30	5	Yes	Dry	5	SE	SD	Stock Dove	*Columba oenas*	Red	No	Not recorded	No notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	SD	Stock Dove	*Columba oenas*	Red	No	5	with 12 WP
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	SC	Stonechat	*Saxicola rubicola*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Autumn_Migration_2023	HVP50	Clonsaul	06-10-23	MIGRATION	BP	07:00	10:00	8	Yes	Dry	4	SW	SL	Swallow	*Hirundo rustica*	Amber	No	Not recorded	trickle of small passerine flocks moving SW over VP13 including S., MP and SL
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	4	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	2	No notes
Summer_2022	HVP50	Clonsaul	15-07-22	JULY	BP	07:30	10:30	8	Yes	Dry	3	NW	SI	Swift	*Apus apus*	Red	No	2	both BH mob BZ - only pair defending nest in bawnmore
Summer_2023	HVP50	Clonsaul	06-07-23	JULY	BP	09:15	12:15	8	Yes	occ. Rain	5	S	SI	Swift	*Apus apus*	Red	No	1	No Notes
Summer_2023	HVP50	Clonsaul	01-08-23	AUGUST	BP	13:45	16:45	8	Yes	Dry	3	S	SI	Swift	*Apus apus*	Red	No	1	No Notes
Winter_2020_2021	HVP50	Clonsaul	26-10-20	OCTOBER	BP	07:20	10:20	6	Yes	Dry	4	SW	T.	Teal	*Anas crecca*	Amber	No	3	No notes

Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	T.	Teal	*Anas crecca*	Amber	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	T.	Teal	*Anas crecca*	Amber	No	NA	in pools
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	T.	Teal	*Anas crecca*	Amber	No	NA	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	T.	Teal	*Anas crecca*	Amber	No	2	at 16:00 on ponds
Winter_2022_2023	HVP50	Clonsaul	20-03-23	MARCH	BP	09:30	12:30	Not recorded	Yes	occ. Light drizzle	3	S	T.	Teal	*Anas crecca*	Amber	No	3	No notes
Winter_2020_2021	HVP50	Clonsaul	01-11-20	OCTOBER	BP	08:05	11:05	8	Yes	Occ. Showers	4	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	8	No notes
Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	landed in bog pool
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	landed in bog pool
Winter_2020_2021	HVP50	Clonsaul	23-11-20	NOVEMBER	LB	08:45	15:15	8	Yes	one light shower	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	10	flew out of pool and continued out of view
Winter_2020_2021	HVP50	Clonsaul	30-12-20	DECEMBER	LB	09:00	15:30	4	Yes	Dry	0	none	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	32	seen on approach
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	09:00	12:00	8	Yes	heavy drizzle 10:30-11:00	2	W	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	NA	whooper swan in field on way to VP, still present at 15:45
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	No notes
Autumn_Migration_2021	HVP50	Clonsaul	21-10-21	MIGRATION	BP	16:00	19:00	6	Yes	Dry	2	NW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	6	at 16:00 on ponds
Winter_2021_2022	HVP50	Clonsaul	15-12-21	DECEMBER	BP	12:30	15:30	7	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	land into GA1 from west low behind trees
Winter_2021_2022	HVP50	Clonsaul	30-01-22	JANUARY	BP	08:00	11:00	8	Yes	Dry	2	S	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	Not recorded	heard over GA1 now behind trees
Autumn_Migration_2022	HVP50	Clonsaul	08-10-22	MIGRATION	BP	07:10	10:10	1	Yes	Dry	1	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	7	2 juveniles and 3 adults
Autumn_Migration_2022	HVP50	Clonsaul	14-10-22	MIGRATION	BP	15:15	18:15	2	Yes	Dry	3	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	3	No notes
Winter_2022_2023	HVP50	Clonsaul	16-11-22	NOVEMBER	BP	07:15	10:15	1	Yes	Dry	0	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	5	No notes
Winter_2022_2023	HVP50	Clonsaul	02-12-22	DECEMBER	BP	07:40	10:40	2	Yes	Dry	0	SE	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	1	No notes
Winter_2023_2024	HVP50	Clonsaul	15-11-23	NOVEMBER	BP	10:45	13:45	5	Yes	Dry	2	SW	WS	Whooper Swan	*Cygnus cygnus*	Amber	Yes	4	No Notes
Summer_2023	HVP50	Clonsaul	04-04-23	APRIL	BP	16:00	19:00	Not recorded	Yes	occ. Light rain	4	S	WP	Woodpigeon	*Columba palumbus*	Green	No	12	No Notes

Winter_2020_2021	HVP50	Clonsaul	OCTOBER	OCTOBER	BP	NA	NA	NA	NA	NA	NA	NA	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	All bird species recorded in October visits within the 500m buffer
Winter_2020_2021	HVP50	Clonsaul	18-01-21	JANUARY	AA	12:30	15:30	8	Yes	drizzle from 13:30-13:45	3	W	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	No notes
Winter_2020_2021	HVP50	Clonsaul	22-03-21	MARCH	AA	10:15	13:15	8	Yes	Dry	4	W	WR	Wren	*Troglodytes troglodytes*	Green	No	NA	No notes
Summer_2021	HVP50	Clonsaul	25-07-21	JULY	BP	07:15	10:15	0	Yes	Dry	2	NE	Y.	Y.	*#N/A*	#N/A	#N/A	Not recorded	pair insite gate to VP11-13
Summer_2023	HVP50	Clonsaul	01-09-23	SEPTEMBER	BP	11:00	14:00	7	Yes	Dry	1	E	Nil	Nil	*#N/A*	#N/A	#N/A	Not recorded	No target species
Winter_2023_2024	HVP50	Clonsaul	13-01-24	JANUARY	BP	13:50	16:50	8	Yes	Dry	1	N	Nil	Nil	*#N/A*	#N/A	#N/A	Not recorded	No target species flight lines
Summer_2024	HVP50	Clonsaul	08/07/2024, 16:32	May	BP								RP	Ringed Plover	*#N/A*	#N/A	#N/A	1	Heard only
Summer_2024	HVP50	Clonsaul	01/08/2024, 13:41	May	BP								GS	Great Spotted Woodpecker	*#N/A*	#N/A	#N/A	1	Heard. Several kik calls
Winter_2024_2025	HVP50	Clonsaul	03/10/2024, 19:37	May	BP								LB	Lesser Black-backed Gull	*#N/A*	#N/A	#N/A	335	Overnight roost behind VP13 at 19.27hrs
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 07:48	May	BP								LB	Lesser Black-backed Gull	*#N/A*	#N/A	#N/A	0	No birds remain by 07.05hrs. All 335 birds recorded previous dusk moved during darkness either by choice or disturbance
Winter_2024_2025	HVP50	Clonsaul	04/10/2024, 08:04	May	BP								GP	Golden Plover	*#N/A*	#N/A	#N/A	3	Calling in dark. At least 3 individuals moving low in darkness
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	10	
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7	
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11	
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	10	
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	9	
Summer_2021	HVP45	Popes Bog (N)	06-05-21	MAY	BP	10:00	13:00	4	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	06-05-21	MAY	BP	14:00	17:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2021	HVP45	Popes Bog (N)	03-06-21	JUNE	BP	09:45	12:45	8	Yes	Dry	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	03-06-21	JUNE	BP	09:45	12:45	8	Yes	Dry	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Winter_2021_2022	HVP45	Popes Bog (N)	27-01-22	JANUARY	BP	07:50	10:50	7	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	JUNE	BP	08:50	11:50	7	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	

Summer_2022	HVP45	Popes Bog (N)	16-06-22	JUNE	BP	12:30	15:30	8	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Winter_2022_2023	HVP45	Popes Bog (N)	26-03-23	MARCH	BP	10:40	13:40	8	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Winter_2022_2023	HVP45	Popes Bog (N)	03-03-23	Spring Migration	BP	15:15	18:15	8	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	38	
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	08:30	11:30	5	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5	
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded	
Summer_2024	HVP45	Popes Bog (N)	24-04-24	APRIL	BP	07:50	10:50	6	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	24-04-24	APRIL	BP	07:50	10:50	6	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	10-05-24	MAY	BP	10:30	13:30	1	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	08/07/2024, 13:39										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	10:55	12:30	8	V. Good	Dry	4	SE	RP	Ringed Plover				2	
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	10:55	12:30	8	V. Good	Dry	4	SE	MA	Mallard				1	
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					
Summer_2023	HVP45	Popes Bog (N)	05-04-23	April	BP	19:40	21:00	7	V. Good	Dry	2	NW	WK	Woodcock				1	
Summer_2023	HVP45	Popes Bog (N)	05-04-23	April	BP	19:40	21:00	7	V. Good	Dry	2	NW	SN	Snipe				4	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	H.	Grey Heron				3	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	SN	Snipe				1	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	L.	Lapwing				4	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	L.	Lapwing				2	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	BH	Black-headed Gull				28	
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	RP	Ringed Plover					
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	RP	Ringed Plover				2	
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	MA	Mallard				3	
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	SN	Snipe				1	

Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	CS	Common Sandpiper				1	
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	W.	Wheatear				3	
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	MP	Meadow Pipit				25	
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	BH	Black-headed Gull					
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	L.	Lapwing					
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	MA	Mallard				6	
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	MH	Moorhen				3	
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	20:00	22:05	4	V. Good	Dry	2	not recorded	K.	Kestrel				1	
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	20:00	22:05	4	V. Good	Dry	2	not recorded	WK	Woodcock				1	
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	22:20	22:45	4	V. Good	Dry	2	not recorded	MA	Mallard				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	MA	Mallard				8	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	LG	Little Grebe				2	

Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				1	
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	SN	Snipe				1	
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	OD	Wood Sandpiper				1	
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	MA	Mallard				2	
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	LG	Little Grebe				4	
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	MP	Meadow Pipit					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WW	Willow Warbler					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WR	Wren					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	R.	Robin					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	B.	Blackbird					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	M.	Mistle Thrush					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	HC	Hooded Crow					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WP	Woodpigeon					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	ST	Song Thrush					
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	CH	Chaffinch					
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				11	
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				6	
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				1	
Summer_2021	HVP45	Popes Bog (N)	05-08-21	August	BP	06:05	08:10	8	V. Good	Dry	3	Not recorded	ET	Little Egret				1	
Summer_2021	HVP45	Popes Bog (N)	05-08-21	August	BP	06:05	08:10	8	V. Good	Dry	3	Not recorded	H.	Grey Heron				1	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				10	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				1	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				2	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				2	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	BZ	Buzzard				1	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	HC	Hooded Crow				2	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	MP	Meadow Pipit				2	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	S.	Skylark				3	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	R.	Robin				1	
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	WR	Wren				1	
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	H.	Grey Heron					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	SN	Snipe					
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				3	
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				3	
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	MA	Mallard				4	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RO	Rook				8	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	SG	Starling				3	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	H.	Grey Heron				2	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RB	Reed Bunting				2	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	MP	Meadow Pipit				5	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	S.	Skylark				1	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	JD	Jackdaw				2	

Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	M.	Mistle Thrush				1	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WR	Wren				1	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WH	Whitethroat				1	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	HC	Hooded Crow				2	
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	CH	Chaffinch				1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	RP	Ringed Plover				6	
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	SM	Sand Martin				13	
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	BH	Black-headed Gull				2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	LG	Little Grebe				1	
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				2	
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	MH	Moorhen				1	
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	BZ	Buzzard				1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	D.	Dunnock	Prunella modularis	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	CH	Chaffinch	Fringilla coelebs	Green	No	5	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	8	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	LI	Linnet	cannabina	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	BC	Blackcap	Sylvia atricapilla	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	CT	Coal Tit	Periparus ater	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	JD	Jackdaw	Corvus monedula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	LI	Linnet	Carduelis cannabina	Amber	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	MP	Meadow Pipit	Anthus pratensis	Red	No	4	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	1	

Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	CC	Chiffchaff	Phylloscopus collybita	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	R.	Robin	Erithacus rubecula	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	3	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	GT	Great Tit	Parus major	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MG	Magpie	Pica pica	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	CK	Cuckoo	Cuculus canorus	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	R.	Robin	Erithacus rubecula	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	LI	Linnet	Carduelis cannabina	Amber	No	4	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CH	Chaffinch	Fringilla coelebs	Green	No	5	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	Y.	Yellowhammer	Emberiza citrinella	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WR	Wren	Troglodytes troglodytes	Green	No	9	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	RO	Rook	Corvus frugilegus	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	B.	Blackbird	Turdus merula	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	D.	Dunnock	Prunella modularis	Green	No	2	

Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	B.	Blackbird	Turdus merula	Green	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	MG	Magpie	Pica pica	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	GT	Great Tit	Parus major	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	S.	Skylark	Alauda arvensis	Amber	No	4	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	RO	Rook	Corvus frugilegus	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	JD	Jackdaw	Corvus monedula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	L.	Lapwing	Vanellus vanellus	Red	No	2	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CK	Cuckoo	Cuculus canorus	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WR	Wren	Troglodytes troglodytes	Green	No	6	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	D.	Dunnock	Prunella modularis	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	CH	Chaffinch	Fringilla coelebs	Green	No	4	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	LI	Linnet	Carduelis cannabina	Amber	No	3	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	GT	Great Tit	Parus major	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	GC	Goldcrest	Regulus regulus	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	R.	Robin	Erithacus rubecula	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	4	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WR	Wren	Troglodytes troglodytes	Green	No	5	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	R.	Robin	Erithacus rubecula	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	S.	Skylark	Alauda arvensis	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	CH	Chaffinch	Fringilla coelebs	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	M.	Mistle Thrush	Turdus viscivorus	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	K.	Kestrel	Falco tinnunculus	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PH	Pheasant	Phasianus colchicus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	

Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	4	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WH	Whitethroat	Sylvia communis	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	M.	Mistle Thrush	Turdus viscivorus	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	RN	Raven	Corvus corax	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	BC	Blackcap	Sylvia atricapilla	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	R.	Robin	Erithacus rubecula	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	5	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	6	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	D.	Dunnock	Prunella modularis	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LI	Linnet	Carduelis cannabina	Amber	No	1	

Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	CH	Chaffinch	Fringilla coelebs	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	GT	Great Tit	Parus major	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	3	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	S.	Skylark	Alauda arvensis	Amber	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BC	Blackcap	Sylvia atricapilla	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	SM	Sand Martin	Riparia riparia	Amber	No	2	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RO	Rook	Corvus frugilegus	Green	No	16	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	6	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	5	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LI	Linnet	Carduelis cannabina	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	4	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	3	

Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	S.	Skylark	Alauda arvensis	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	JD	Jackdaw	Corvus monedula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PW	Pied/White Wagtail	Motacilla alba	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	GT	Great Tit	Parus major	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	D.	Dunnock	Prunella modularis	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	H.	Grey Heron	Ardea cinerea	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	CK	Cuckoo	Cuculus canorus	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	7	

Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	BC	Blackcap	Sylvia atricapilla	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GO	Goldfinch	Carduelis carduelis	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	6	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	5	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	4	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	6	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	D.	Dunnock	Prunella modularis	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	4	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MG	Magpie	Pica pica	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GT	Great Tit	Parus major	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GC	Goldcrest	Regulus regulus	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BT	Blue Tit	Cyanistes caeruleus	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	4	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WH	Whitethroat	Sylvia communis	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BC	Blackcap	Sylvia atricapilla	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MG	Magpie	Pica pica	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	PH	Pheasant	Phasianus colchicus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	S.	Skylark	Alauda arvensis	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	7	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	16	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	6	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	1	

Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	10	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	3	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BT	Blue Tit	Cyanistes caeruleus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	4	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	4	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CH	Chaffinch	Fringilla coelebs	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RO	Rook	Corvus frugilegus	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	S.	Skylark	Alauda arvensis	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	GT	Great Tit	Parus major	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	HC	Hooded Crow	Corvus cornix	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RO	Rook	Corvus frugilegus	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RN	Raven	Corvus corax	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	PW	Pied/White Wagtail	Motacilla alba	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	3	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	4	

Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BT	Blue Tit	Cyanistes caeruleus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WP	Woodpigeon	Columba palumbus	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	4	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CC	Chiffchaff	Phylloscopus collybita	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	W.	Wheatear	Oenanthe oenanthe	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	6	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	6	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	BC	Blackcap	Sylvia atricapilla	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	8	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	4	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	SK	Siskin	Carduelis spinus	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	4	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	S.	Skylark	Alauda arvensis	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	6	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	6	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	D.	Dunnock	Prunella modularis	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	5	

Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	PW	Pied/White Wagtail	Motacilla alba	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	S.	Skylark	Alauda arvensis	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	SM	Sand Martin	Riparia riparia	Amber	No	4	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	HC	Hooded Crow	Corvus cornix	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RO	Rook	Corvus frugilegus	Green	No	39	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CK	Cuckoo	Cuculus canorus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RN	Raven	Corvus corax	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MG	Magpie	Pica pica	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	3	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	5	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WA	Water Rail	Rallus aquaticus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	CK	Cuckoo	Cuculus canorus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	PH	Pheasant	Phasianus colchicus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1	

Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	WR	Wren	Troglodytes troglodytes	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SN	Snipe	Gallinago gallinago	Red	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	D.	Dunnock	Prunella modularis	Green	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SG	Starling	Sturnus vulgaris	Amber	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SC	Stonechat	Saxicola rubicola	Green	No	2	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	L.	Lapwing	Vanellus vanellus	Red	No	1	
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	PC	Parrot Crossbill	Loxia pytyopsittacus	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	S.	Skylark	Alauda arvensis	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SC	Stonechat	Saxicola rubicola	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	LI	Linnet	Carduelis cannabina	Amber	No	7	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SL	Swallow	Hirundo rustica	Amber	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	5	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	GO	Goldfinch	Carduelis carduelis	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SG	Starling	Sturnus vulgaris	Amber	No	4	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	JD	Jackdaw	Corvus monedula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	ST	Song Thrush	Turdus philomelos	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	S.	Skylark	Alauda arvensis	Amber	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SC	Stonechat	Saxicola rubicola	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	6	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	MG	Magpie	Pica pica	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	3	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SG	Starling	Sturnus vulgaris	Amber	No	2	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	GO	Goldfinch	Carduelis carduelis	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	R.	Robin	Erithacus rubecula	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	MP	Meadow Pipit	Anthus pratensis	Red	No	4	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	ST	Song Thrush	Turdus philomelos	Green	No	2	

Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	S.	Skylark	Alauda arvensis	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	B.	Blackbird	Turdus merula	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	SL	Swallow	Hirundo rustica	Amber	No	3	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	SG	Starling	Sturnus vulgaris	Amber	No	4	
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	S.	Skylark	Alauda arvensis	Amber	No	5	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	ST	Song Thrush	Turdus philomelos	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	WR	Wren	Troglodytes troglodytes	Green	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	MP	Meadow Pipit	Anthus pratensis	Red	No	4	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	HC	Hooded Crow	Corvus cornix	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	LI	Linnet	Carduelis cannabina	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SC	Stonechat	Saxicola rubicola	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SG	Starling	Sturnus vulgaris	Amber	No	3	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SK	Siskin	Carduelis spinus	Green	No	1	
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	WH	Whitethroat	Sylvia communis	Green	No	1	
Winter_2020_2021	5	Lisheen Mine Windfarm west	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2020_2021	12	Derricknew	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW	BZ	Buzzard	Buteo buteo	Green	No	1	Derrieknew
Winter_2020_2021	13	Killeen Bog	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW	T.	Teal	Anas crecca	Amber	No	1	
Winter_2020_2021	14	Killeen Bog from Derrynaflan Church	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	85	
Winter_2020_2021	14	Killeen Bog from Derrynaflan Church	28-10-20	October	BP	10:00	16:00	6-7	V. Good	occ. Short showers	4	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2020_2021	3	historic site 2.6 km south of 'Horse & Jockey' village	28-10-20	October	BP	16:25	17:45	6-7	V. Good	2 light showers	3	SW	ML	Merlin	Falco columbarius	Amber	Yes	1	Merlin drops in to heather to roost, could ovserve from the north
Winter_2020_2021	5	Lisheen Mine Windfarm west	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2020_2021	17	Gilmoy	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	T.	Teal	Anas crecca	Amber	No	26	no target sp.
Winter_2020_2021	17	Gilmoy	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	WN	Wigeon	Anas penelope	Amber	No	3	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	68	no target sp.
Winter_2020_2021	10	Littleton North	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	L.	Lapwing	Vanellus vanellus	Red	No	56	no target sp.
Winter_2020_2021	10	Littleton North	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	T.	Teal	Anas crecca	Amber	No	9	no target sp.
Winter_2020_2021	10	Littleton North	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	26	no target sp.

Winter_2020_2021	10	Littleton North	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	56	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	MA	Mallard	Anas platyrhynchos	Amber	No	46	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	GA	Gadwall	Anas strepera	Amber	No	2	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	T.	Teal	Anas crecca	Amber	No	8	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	WN	Wigeon	Anas penelope	Amber	No	46	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	T.	Teal	Anas crecca	Amber	No	78	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	L.	Lapwing	Vanellus vanellus	Red	No	345	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	SV	Shoveler	Anas clypeata	Red	No	2	no target sp.
Winter_2020_2021	6	River Suir Upper	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	L.	Lapwing	Vanellus vanellus	Red	No	290	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	280	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	18-11-20	November	BP	08:10	15:05	1-8	V. Good	occ. Showers	5	SW	MS	Mute Swan	Cygnus olor	Amber	No	6	no target sp.
Winter_2020_2021	19 (HH)	Bruckana Windfarm	25-11-20	November	BP	15:25	17:05	0	V.Good	Dry	1	NW	ML	Merlin	Falco columbarius	Amber	Yes	1	no target sp.
Winter_2020_2021	HH	Templetouhy Bog	15-12-20	December	BP	15:15	16:54	3/8-7/8	V.Good	Dry	3	SW	ML	Merlin	Falco columbarius	Amber	Yes	1	no target sp.
Winter_2020_2021	HH	Templetouhy Bog	15-12-20	December	BP	15:15	16:54	3/8-7/8	V.Good	Dry	3	SW	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Winter_2020_2021	HH	Templetouhy Bog	15-12-20	December	BP	15:15	16:54	3/8-7/8	V.Good	Dry	3	SW	WK	Woodcock	Scolopax rusticola	Red	No	1	no target sp.
Winter_2020_2021	20	Castletown, north of Popes Bog	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	?	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	38	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	45	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	no target sp.
Winter_2020_2021	10	Littleton North	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	220	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	2	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	330	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	GJ	Greylag Goose	Anser anser	Amber	No	15	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	WN	Wigeon	Anas penelope	Amber	No	419	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	CO	Coot	Fulica atra	Amber	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	4	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	395	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	230	no target sp.

Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	21	no target sp.
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	115	no target sp.
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	WN	Wigeon	Anas penelope	Amber	No	306	no target sp.
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	17	no target sp.
Winter_2020_2021	17	Gilmoy	20-12-20	December	BP	08:40	15:10	0-3	V. Good	Dry	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	119	no target sp.
Winter_2020_2021	10	Littleton North	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	1	no target sp.
Winter_2020_2021	10	Littleton North	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2020_2021	10	Littleton North	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	SN	Snipe	Gallinago gallinago	Red	No	7	no target sp.
Winter_2020_2021	12	Derricknew	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	K.	Kestrel	Falco tinnunculus	Red	No		no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	T.	Teal	Anas crecca	Amber	No	11	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	GA	Gadwall	Anas strepera	Amber	No	4	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	WN	Wigeon	Anas penelope	Amber	No	167	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	T.	Teal	Anas crecca	Amber	No	76	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	39	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	46	no target sp.

Winter_2020_2021	7	River Suir Upper floodplain b)	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	50	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	28	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	T.	Teal	Anas crecca	Amber	No	6	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Winter_2020_2021	6	River Suir Upper	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	7	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	1	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Winter_2020_2021	1	Lisheen Mine Windfarm north	21-01-21	January	BP	10:15	15:30	1-7	V. Good	Dry, occasional short hail	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Winter_2020_2021	2	Lisheen Mine Windfarm north west	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	T.	Teal	Anas crecca	Amber	No	2	no target sp.
Winter_2020_2021	4	Lisheen Mine Windfarm b)	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	MS	Mute Swan	Cygnus olor	Amber	No	4	no target sp.
Winter_2020_2021	6	River Suir Upper	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	MS	Mute Swan	Cygnus olor	Amber	No	6	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	12	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	MS	Mute Swan	Cygnus olor	Amber	No	3	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Winter_2020_2021	17a	Rossdarragh north of Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	15	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	WN	Wigeon	Anas penelope	Amber	No	205	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	T.	Teal	Anas crecca	Amber	No	61	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	CO	Coot	Fulica atra	Amber	No	10	no target sp.

Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	BA	Bar-tailed Godwit	Limosa lapponica	Red	Yes	14	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Winter_2020_2021	17	Gilmoy	08-02-21	February	BP	14:30	17:30	6-8	V. Good	Dry	4	E	L.	Lapwing	Vanellus vanellus	Red	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	L.	Lapwing	Vanellus vanellus	Red	No	245	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	H.	Grey Heron	Ardea cinerea	Green	No	9	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	CU	Curlew	Numenius arquata	Red	No	31	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	T.	Teal	Anas crecca	Amber	No	92	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	WN	Wigeon	Anas penelope	Amber	No	154	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	41	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	SV	Shoveler	Anas clypeata	Red	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	MA	Mallard	Anas platyrhynchos	Amber	No	7	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	T.	Teal	Anas crecca	Amber	No	39	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	MA	Mallard	Anas platyrhynchos	Amber	No	10	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	WN	Wigeon	Anas penelope	Amber	No	9	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	GA	Gadwall	Anas strepera	Amber	No	7	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	GY	Garganey	Anas querquedula	Amber	No	1	no target sp.
Winter_2020_2021	10	Littleton North	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	T.	Teal	Anas crecca	Amber	No	8	no target sp.
Winter_2020_2021	10	Littleton North	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	CO	Coot	Fulica atra	Amber	No	1	no target sp.

Winter_2020_2021	11	Two Churches/Cheese factory	15-02-21	February	BP	15:00	18:15	6-8	V. Good-Good	Dry, showers later	4	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	44	no target sp.
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE	GJ	Greylag Goose	Anser anser	Amber	No	2	no target sp.
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	no target sp.
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	6	no target sp.
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	no target sp.
Winter_2020_2021	11 (WS)	Two Churches/Cheese factory	15-02-21	February	BP	17:30	18:15	8	Good-Moderate	showers	3	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	34	no target sp.
Winter_2020_2021	20	Castletown, north of Popes Bog	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	50	no target sp.
Winter_2020_2021	11	Two Churches/Cheese factory	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	GJ	Greylag Goose	Anser anser	Amber	No	3	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	14	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	CO	Coot	Fulica atra	Amber	No	5	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	5	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	107	no target sp.
Winter_2020_2021	10	Littleton North	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	3	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	WN	Wigeon	Anas penelope	Amber	No	28	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	10	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	GA	Gadwall	Anas strepera	Amber	No	4	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	25	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2020_2021	9	Cabragh Marshes b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	76	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	WN	Wigeon	Anas penelope	Amber	No	35	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	H.	Grey Heron	Ardea cinerea	Green	No	4	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	8	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	10	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	CO	Coot	Fulica atra	Amber	No	1	no target sp.
Winter_2020_2021	8	Cabragh Marshes a)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	TA	Green-winged Teal	Anas carolinensis	Green	No	1	no target sp.
Winter_2020_2021	7	River Suir Upper floodplain b)	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	12	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No	7	no target sp.

Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	CO	Coot	Fulica atra	Amber	No	4	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	2	no target sp.
Winter_2020_2021	18	Ballybrista on N62 Thurles to Templemore	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	34	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	WN	Wigeon	Anas penelope	Amber	No	144	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	T.	Teal	Anas crecca	Amber	No		no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	CO	Coot	Fulica atra	Amber	No	94	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	SV	Shoveler	Anas clypeata	Red	No	10	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	4	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	CU	Curlew	Numenius arquata	Red	No	1	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Winter_2020_2021	17	Gilmoy	08-03-21	March	BP	13:40	17:55	6-8	V. Good	Dry	3	SW	TU	Tufted Duck	Aythya fuligula	Amber	No	1	no target sp.
Winter_2020_2021	2	Lisheen Mine Windfarm north west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Winter_2020_2021	2	Lisheen Mine Windfarm north west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	MA	Mallard	Anas platyrhynchos	Amber	No	6	no target sp.
Winter_2020_2021	5	Lisheen Mine Windfarm west	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	WS	Whooper Swan	Cygnus cygnus	Amber	Yes		no target sp.
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	WN	Wigeon	Anas penelope	Amber	No		no target sp.
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	215	no target sp.
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No		no target sp.
Winter_2020_2021	22	The Loughane, Bailief	17-03-21	March	BP	15:35	19:20	0-1	V. Good	Dry	2	N	CO	Coot	Fulica atra	Amber	No		no target sp.
Winter_2020_2021	23 (HH)	Killeens	17-03-21	March	BP	17:50	19:20	0	V. Good	Dry	1	NW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Winter_2020_2021	23 (HH)	Killeens	17-03-21	March	BP	17:50	19:20	0	V. Good	Dry	1	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Winter_2020_2021	23 (HH)	Killeens	17-03-21	March	BP	17:50	19:20	0	V. Good	Dry	1	NW	SN	Snipe	Gallinago gallinago	Red	No	2	no target sp.
Summer_2021	24	Littleton Castle	27-04-21	April	BP	06:05	06:30	8	V. Good	Dry	2	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	22	The Loughane, Bailief	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2021	22	The Loughane, Bailief	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Summer_2021	22	The Loughane, Bailief	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	0	no target sp.
Summer_2021	27	Bawnmore a)	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	2	no target sp.
Summer_2021	28	Bawnmore c)	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	10+	no target sp.
Summer_2021	29	Moyneard	30-04-21	April	BP	07:30	15:20	7	V. Good	Dry	2	NE	SD	Stock Dove	Columba oenas	Red	No	1	no target sp.
Summer_2021	31	Inch Bog by Drish/Black River	07-05-21	May	BP	11:40	12:30	6	V. Good	Dry	3	SE	L.	Lapwing	Vanellus vanellus	Red	No	1	no target sp.
Summer_2021	32	Boulick Graveyard & folly	07-05-21	May	BP	11:40	12:30	6	V. Good	Dry	3	SE	SG	Starling	Sturnus vulgaris	Amber	No		no target sp.
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2	no target sp.
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	7	no target sp.
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	2	no target sp.

Summer_2021	27A	Bawnmore b)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	RP	Ringed Plover	Charadrius hiaticula	Amber	No	4-5	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	6-7	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	4	no target sp.
Summer_2021	28	Bawnmore c)	04-06-21	June	BP	13:20	13:55	7	V. Good	Dry	3	S	MU	Mediterranean Gull	Larus melanocephalus	Amber	Yes	1	no target sp.
Summer_2021	24	Littleton Castle	15-06-21	June	BP	12:00	14:20	6	V. Good	Dry	4	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	26	Foulkscourt Johnstown Castle near	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	17	Gilmoy	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2021	17	Gilmoy	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	CO	Coot	Fulica atra	Amber	No	3	no target sp.
Summer_2021	17	Gilmoy	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Summer_2021	33	Rathpatrick near Laois boarder	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SD	Stock Dove	Columba oenas	Red	No	2	no target sp.
Summer_2021	27	Bawnmore a)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2021	27A	Bawnmore b)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	L.	Lapwing	Vanellus vanellus	Red	No	4	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	RP	Ringed Plover	Charadrius hiaticula	Amber	No	3	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	13	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	8	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	6	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	CO	Coot	Fulica atra	Amber	No	6	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SN	Snipe	Gallinago gallinago	Red	No	3	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Summer_2021	28	Bawnmore c)	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No		no target sp.
Summer_2021	20	Castletown, north of Popes Bog	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2021	29	Moyneard	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SI	Swift	Apus apus	Red	No		no target sp.
Summer_2021	38	Graystown Castle	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SD	Stock Dove	Columba oenas	Red	No	2	no target sp.
Summer_2021	38	Graystown Castle	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	SI	Swift	Apus apus	Red	No	1	no target sp.
Summer_2021	24	Littleton Castle	16-06-21	June	BP	06:40	14:15	7-8	V. Good	drizzle	2	W	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	35	Killough Roadstone	18-06-21	June	BP	15:45	17:50	5-6	V. Good	Dry	1	N	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	26	Foulkscourt Johnstown Castle near	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	27A	Bawnmore b)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	10	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	CO	Coot	Fulica atra	Amber	No	4	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	4-5	no target sp.

Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Summer_2021	28	Bawnmore c)	07-07-21	July	BP	06:40	09:15	8	Good	Drizzle, clearing	2	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	17	no target sp.
Summer_2021	24	Littleton Castle	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	35	Killough Roadstone	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	37	Laffansbridge Quarry	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	38	Graystown Castle	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW	SI	Swift	Apus apus	Red	No	1	no target sp.
Summer_2021	38	Graystown Castle	08-07-21	July	BP	15:10	19:05	7	V. Good - Good	Dry & very light drizzle	1	SW	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Summer_2021	34	Rahelty Castle	09-07-21	July	BP	14:20	16:15	8	V. Good	Dry	3	S	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2021	34	Rahelty Castle	09-07-21	July	BP	14:20	16:15	8	V. Good	Dry	3	S	SI	Swift	Apus apus	Red	No	2	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	CS	Common Sandpiper	Actitis hypoleucos	Amber	No	1	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	12	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Summer_2021	28	Bawnmore c)	24-07-21	July	BP	17:50	18:40	0-8	V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	5	no target sp.
Summer_2021	35	Killough Roadstone	25-07-21	July	BP	14:35	16:10	2	V. Good	Dry	2	NW	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	28	Bawnmore c)	18-08-21	August	BP	17:15	18:00	6-7	V. Good	Dry	1	W	MA	Mallard	Anas platyrhynchos	Amber	No	22	no target sp.
Summer_2021	28	Bawnmore c)	18-08-21	August	BP	17:15	18:00	6-7	V. Good	Dry	1	W	H.	Grey Heron	Ardea cinerea	Green	No	3	no target sp.
Summer_2021	28	Bawnmore c)	18-08-21	August	BP	17:15	18:00	6-7	V. Good	Dry	1	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	no target sp.
Summer_2021	28	Bawnmore c)	18-08-21	August	BP	17:15	18:00	6-7	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	11	no target sp.
Summer_2021	17	Gilmoy	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S	CO	Coot	Fulica atra	Amber	No		no target sp.
Summer_2021	38	Graystown Castle	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S	SD	Stock Dove	Columba oenas	Red	No	2	no target sp.
Summer_2021	24	Littleton Castle	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	32	Boulick Graveyard & folly	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S	PE	Peregrine	Falco peregrinus	Green	Yes		no target sp.
Summer_2021	32	Boulick Graveyard & folly	20-08-21	August	BP	07:00	14:15	8	Good - Moderate	Some rain	3	S	K.	Kestrel	Falco tinnunculus	Red	No		no target sp.

Summer_2021	26	Foulkscourt Johnstown Castle near	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	20	Castletown, north of Popes Bog	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2021	20	Castletown, north of Popes Bog	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Summer_2021	1	Lisheen Mine Windfarm north	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Summer_2021	1	Lisheen Mine Windfarm north	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	4	no target sp.
Summer_2021	1	Lisheen Mine Windfarm north	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	GG	Great Crested Grebe	Podiceps cristatus	Amber	No	1	no target sp.
Summer_2021	28	Bawnmore c)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Summer_2021	28	Bawnmore c)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	10	no target sp.
Summer_2021	28	Bawnmore c)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	15	no target sp.
Summer_2021	9	Cabragh Marshes b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	37	no target sp.
Summer_2021	9	Cabragh Marshes b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	T.	Teal	Anas crecca	Amber	No	11	no target sp.
Summer_2021	9	Cabragh Marshes b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Summer_2021	9	Cabragh Marshes b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	MH	Moorhen	Gallinula chloropus	Green	No	3	no target sp.
Summer_2021	35	Killough Roadstone	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2021	37A	Laffansbridge Quarry b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.

Summer_2021	37A	Laffansbridge Quarry b)	04-09-21	September	BP	06:25	11:05	7-8	Good - Moderate - V. Good	Dry	3	E	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Summer_2021	9	Cabragh Marshes b)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	SV	Shoveler	Anas clypeata	Red	No	1	no target sp.
Summer_2021	9	Cabragh Marshes b)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	MA	Mallard	Anas platyrhynchos	Amber	No	7	no target sp.
Summer_2021	9	Cabragh Marshes b)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	T.	Teal	Anas crecca	Amber	No	21	no target sp.
Summer_2021	9	Cabragh Marshes b)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	MH	Moorhen	Gallinula chloropus	Green	No	3	no target sp.
Summer_2021	6A	River Suir Upper floodplain a)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	L.	Lapwing	Vanellus vanellus	Red	No	12	no target sp.
Summer_2021	6A	River Suir Upper floodplain a)	23-09-21	September	BP	15:50	20:05	0-1	V. Good	Dry	3	W	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Summer_2021	41	Ballynonty/ Ballysloe	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	E.	Eider	Somateria mollissima	Red	No	2	no target sp.
Summer_2021	41	Ballynonty/ Ballysloe	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2021	41	Ballynonty/ Ballysloe	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	5	no target sp.
Summer_2021	27	Bawnmore a)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2021	27A	Bawnmore b)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	MS	Mute Swan	Cygnus olor	Amber	No	6	no target sp.
Summer_2021	28	Bawnmore c)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2021	28	Bawnmore c)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2021	28	Bawnmore c)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	MA	Mallard	Anas platyrhynchos	Amber	No	13	no target sp.
Summer_2021	28	Bawnmore c)	24-09-21	September	BP	06:40	10:05	8	V. Good-Moderate	Dry, mist	3	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	7	no target sp.
Winter_2021_2022	27A	Bawnmore b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	MS	Mute Swan	Cygnus olor	Amber	No	6	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	WN	Wigeon	Anas penelope	Amber	No	3	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	7	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	15	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	8	no target sp.
Winter_2021_2022	28	Bawnmore c)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	43	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	no target sp.
Winter_2021_2022	2	Lisheen Mine Windfarm north west	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	T.	Teal	Anas crecca	Amber	No	8	no target sp.
Winter_2021_2022	2	Lisheen Mine Windfarm north west	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Winter_2021_2022	2	Lisheen Mine Windfarm north west	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.

Winter_2021_2022	2	Lisheen Mine Windfarm north west	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	GJ	Greylag Goose	Anser anser	Amber	No	16	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	CU	Curlew	Numenius arquata	Red	No	1	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	MH	Moorhen	Gallinula chloropus	Green	No	3	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	WN	Wigeon	Anas penelope	Amber	No	5	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	T.	Teal	Anas crecca	Amber	No	10	no target sp.
Winter_2021_2022	14	Killeen Bog from Derrynaflan Church	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	no target sp.
Winter_2021_2022	14	Killeen Bog from Derrynaflan Church	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Winter_2021_2022	14	Killeen Bog from Derrynaflan Church	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes		no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	11-10-21	October	BP	11:40	16:50	6-2	V. Good	Dry	1	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	7	no target sp.
Winter_2021_2022	13	Killeen Bog	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	22	no target sp.
Winter_2021_2022	10	Littleton North	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	L.	Lapwing	Vanellus vanellus	Red	No	26	no target sp.
Winter_2021_2022	10	Littleton North	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	T.	Teal	Anas crecca	Amber	No	2	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	41	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	27	Bawnmore a)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	27	Bawnmore a)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	7	no target sp.
Winter_2021_2022	28	Bawnmore c)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	ET	Little Egret	Egretta garzetta	Green	Yes	2	no target sp.
Winter_2021_2022	28	Bawnmore c)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	no target sp.
Winter_2021_2022	28	Bawnmore c)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	19	no target sp.
Winter_2021_2022	28	Bawnmore c)	20-11-21	November	BP	10:30	13:10	7-8	V. Good	Dry, drizzle later	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	GN	Goldeneye	Bucephala clangula	Red	No	1	no target sp.
Winter_2021_2022	6	River Suir Upper	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	6	no target sp.
Winter_2021_2022	7	River Suir Upper floodplain b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	no target sp.

Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	46	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	CU	Curlew	Numenius arquata	Red	No	14	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	WN	Wigeon	Anas penelope	Amber	No	36	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	T.	Teal	Anas crecca	Amber	No	5	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	14	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	T.	Teal	Anas crecca	Amber	No	11	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	SV	Shoveler	Anas clypeata	Red	No	1	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	WN	Wigeon	Anas penelope	Amber	No	131	no target sp.
Winter_2021_2022	17	Gilmoy	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	26	no target sp.
Winter_2021_2022	17	Gilmoy	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	T.	Teal	Anas crecca	Amber	No	16	no target sp.
Winter_2021_2022	17	Gilmoy	25-11-21	November	BP	08:00	11:10	0-7	V. Good	Dry	3	NW	WN	Wigeon	Anas penelope	Amber	No	31	no target sp.
Winter_2021_2022	1A	Lisheen Tailing Ponds HH Watch	16-12-21	December	BP	15:45	17:10	8	V. Good	Dry	1	S	SH	Sparrowhawk	Accipiter nisus	Green	No		no target sp.
Winter_2021_2022	1A	Lisheen Tailing Ponds HH Watch	16-12-21	December	BP	15:45	17:10	8	V. Good	Dry	1	S	SN	Snipe	Gallinago gallinago	Red	No	3	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	GN	Goldeneye	Bucephala clangula	Red	No	1	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	115	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	225	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	10	Littleton North	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	L.	Lapwing	Vanellus vanellus	Red	No	31	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	MA	Mallard	Anas platyrhynchos	Amber	No	20	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	T.	Teal	Anas crecca	Amber	No	11	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	SV	Shoveler	Anas clypeata	Red	No	2	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	GA	Gadwall	Anas strepera	Amber	No	1	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	WN	Wigeon	Anas penelope	Amber	No	97	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	T.	Teal	Anas crecca	Amber	No	57	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	L.	Lapwing	Vanellus vanellus	Red	No	365	no target sp.

Winter_2021_2022	8	Cabragh Marshes a)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	WN	Wigeon	Anas penelope	Amber	No	54	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	GJ	Greylag Goose	Anser anser	Amber	No	4	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	L.	Lapwing	Vanellus vanellus	Red	No	395	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	CU	Curlew	Numenius arquata	Red	No	18	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	35	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	WN	Wigeon	Anas penelope	Amber	No	84	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	T.	Teal	Anas crecca	Amber	No	66	no target sp.
Winter_2021_2022	17	Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	GP	Golden Plover	Pluvialis apricaria	Red	Yes	2	no target sp.
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	19-12-21	December	BP	09:05	13:53	5-4-7	Moderate -V. Good	Dry	2	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	Nil	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	CU	Curlew	Numenius arquata	Red	No	11	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	WN	Wigeon	Anas penelope	Amber	No	125	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	33	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	16	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	42	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	16	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	6	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	1060	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	390	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	WN	Wigeon	Anas penelope	Amber	No	278	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	139	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	PT	Pintail	Anas acuta	Amber	No	1	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	SV	Shoveler	Anas clypeata	Red	No	4	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Winter_2021_2022	17	Gilmoy	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	18	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	5	no target sp.

Winter_2021_2022	11	Two Churches/Cheese factory	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	91	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Winter_2021_2022	10	Littleton North	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	44	no target sp.
Winter_2021_2022	12	Derricknew	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	12	Derricknew	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	WN	Wigeon	Anas penelope	Amber	No	74	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	21	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	56	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	320	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	4	no target sp.
Winter_2021_2022	7	River Suir Upper floodplain b)	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	28-01-22	January	BP	08:10	13:50	8	Good - V. Good	occasional drizzle	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	19	no target sp.
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	125	no target sp.
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	T.	Teal	Anas crecca	Amber	No	85	no target sp.
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	SV	Shoveler	Anas clypeata	Red	No	7	no target sp.
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	WN	Wigeon	Anas penelope	Amber	No	245	no target sp.
Winter_2021_2022	17	Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	16	no target sp.
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	260	no target sp.
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	850	no target sp.
Winter_2021_2022	17A	Rossdarragh north of Gilmoy	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	CU	Curlew	Numenius arquata	Red	No	6	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	WN	Wigeon	Anas penelope	Amber	No	115	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	SV	Shoveler	Anas clypeata	Red	No	4	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	T.	Teal	Anas crecca	Amber	No	35	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	35	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	7	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	138	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	68	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	2	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	SD	Stock Dove	Columba oenas	Red	No	1	no target sp.
Winter_2021_2022	10	Littleton North	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	3	no target sp.

Winter_2021_2022	10	Littleton North	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	T.	Teal	Anas crecca	Amber	No	16	no target sp.
Winter_2021_2022	12	Derricknew	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Winter_2021_2022	9	Cabragh Marshes b)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	T.	Teal	Anas crecca	Amber	No	47	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	WN	Wigeon	Anas penelope	Amber	No	225	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	4	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	11	no target sp.
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	147	no target sp.
Winter_2021_2022	3	Lisheen Mine Windfarm a)	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	no target sp.
Winter_2021_2022	1	Lisheen Mine Windfarm north	21-02-22	February	BP	10:35	15:45	8	Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	23	no target sp.
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WN	Wigeon	Anas penelope	Amber	No	152	no target sp.
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	T.	Teal	Anas crecca	Amber	No	228	no target sp.
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	SV	Shoveler	Anas clypeata	Red	No	4	no target sp.
Winter_2021_2022	17	Gilmoy	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Winter_2021_2022	25	Balief Castle	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	8	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WN	Wigeon	Anas penelope	Amber	No	107	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	T.	Teal	Anas crecca	Amber	No	65	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	CO	Coot	Fulica atra	Amber	No	9	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	SV	Shoveler	Anas clypeata	Red	No	6	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	47	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	17	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Winter_2021_2022	22	The Loughane, Bailief	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	168	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	74	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	BZ	Buzzard	Buteo buteo	Green	No	1	no target sp.
Winter_2021_2022	11	Two Churches/Cheese factory	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	102	no target sp.
Winter_2021_2022	10	Littleton North	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	CO	Coot	Fulica atra	Amber	No	4	no target sp.
Winter_2021_2022	42	St. Peter's Moycarkey, Horse & Jockey North	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	SD	Stock Dove	Columba oenas	Red	No	1	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	WN	Wigeon	Anas penelope	Amber	No	126	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	T.	Teal	Anas crecca	Amber	No	147	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	ET	Little Egret	Egretta garzetta	Green	Yes	3	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	H.	Grey Heron	Ardea cinerea	Green	No	3	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	7	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	SV	Shoveler	Anas clypeata	Red	No	2	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	2	no target sp.
Winter_2021_2022	8	Cabragh Marshes a)	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	GA	Gadwall	Anas strepera	Amber	No	1	no target sp.
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	10	no target sp.
Winter_2021_2022	18	Ballybrista on N62 Thurles to Templemore	17-03-22	March	BP	07:15	12:35	2-8	V. Good	Dry	4	SW	CO	Coot	Fulica atra	Amber	No	2	no target sp.

Summer_2022	25	Balief Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	135	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	121	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	CO	Coot	Fulica atra	Amber	No	18	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	WN	Wigeon	Anas penelope	Amber	No	56	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	T.	Teal	Anas crecca	Amber	No	21	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	4	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	L.	Lapwing	Vanellus vanellus	Red	No	2	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	CU	Curlew	Numenius arquata	Red	No	1	no target sp.
Summer_2022	22	The Loughane, Bailief	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	GE	Green Sandpiper	Tringa ochropus	Green	No	1	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	44	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	T.	Teal	Anas crecca	Amber	No	10	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2022	10	Littleton North	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2022	24	Littleton Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	34	Rahelty Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	38	Graystown Castle	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	35	Killough Roadstone	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	T.	Teal	Anas crecca	Amber	No	23	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	WN	Wigeon	Anas penelope	Amber	No	79	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	CO	Coot	Fulica atra	Amber	No	4	no target sp.
Summer_2022	17	Gilmoy	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Summer_2022	26	Foulkscourt Johnstown Castle near	06-04-22	April	BP	08:00	15:15	5-8	V. Good	occ. Showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	22	The Loughane, Bailief	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	L.	Lapwing	Vanellus vanellus	Red	No	4	no target sp.
Summer_2022	22	The Loughane, Bailief	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2022	22	The Loughane, Bailief	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.

Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	no target sp.
Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Summer_2022	17	Gilmoy	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	CO	Coot	Fulica atra	Amber	No	9	no target sp.
Summer_2022	26	Foulkscourt Johnstown Castle near	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	10	Littleton North	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2022	10	Littleton North	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	no target sp.
Summer_2022	32	Boulick Graveyard & folly	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	SD	Stock Dove	Columba oenas	Red	No	1	no target sp.
Summer_2022	35	Killough Roadstone	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	34	Rahelty Castle	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	34	Rahelty Castle	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	SI	Swift	Apus apus	Red	No	2	no target sp.
Summer_2022	20	Castletown, north of Popes Bog	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	CO	Coot	Fulica atra	Amber	No	2	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	L.	Lapwing	Vanellus vanellus	Red	No	2	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	MA	Mallard	Anas platyrhynchos	Amber	No	6	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	57	no target sp.
Summer_2022	28	Bawnmore c)	09-05-22	May	BP	08:30	16:20	7-8	Good	showers	4	S	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2	no target sp.
Summer_2022	32	Boulick Graveyard & folly	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	24	Littleton Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	37	Laffansbridge Quarry	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	3	no target sp.
Summer_2022	38	Graystown Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	SI	Swift	Apus apus	Red	No	3	no target sp.
Summer_2022	38	Graystown Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Summer_2022	38	Graystown Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	35	Killough Roadstone	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	34	Rahelty Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	34	Rahelty Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	SI	Swift	Apus apus	Red	No	4	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	4	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	3	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	7	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	3	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	3	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	120	no target sp.
Summer_2022	28	Bawnmore c)	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	45	no target sp.

Summer_2022	26	Foulkscourt Johnstown Castle near	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	25	Balief Castle	18-06-22	June	BP	11:40	18:50	8	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	37	Laffansbridge Quarry	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	0	no target sp.
Summer_2022	38	Graystown Castle	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	35	Killough Roadstone	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	43	Littleton Bog on site near Two Churches	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	SI	Swift	Apus apus	Red	No	6	no target sp.
Summer_2022	27A	Bawnmore b)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	5	no target sp.
Summer_2022	27A	Bawnmore b)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	6	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	6	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	12	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	no target sp.
Summer_2022	28	Bawnmore c)	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Summer_2022	25	Balief Castle	07-07-22	July	BP	11:15	18:30	3-7	V. Good	Dry	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	27A	Bawnmore b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MS	Mute Swan	Cygnus olor	Amber	No	4	no target sp.
Summer_2022	27A	Bawnmore b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	8	no target sp.
Summer_2022	27A	Bawnmore b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	H.	Grey Heron	Ardea cinerea	Green	No	3	no target sp.
Summer_2022	27A	Bawnmore b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	L.	Lapwing	Vanellus vanellus	Red	No	1	no target sp.
Summer_2022	28	Bawnmore c)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	28	Bawnmore c)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	16	no target sp.
Summer_2022	28	Bawnmore c)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	9	no target sp.
Summer_2022	28	Bawnmore c)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	20	Castletown, north of Popes Bog	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	9	Cabragh Marshes b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	1	no target sp.
Summer_2022	9	Cabragh Marshes b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Summer_2022	9	Cabragh Marshes b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	3	no target sp.
Summer_2022	9	Cabragh Marshes b)	12-08-22	August	BP	07:10	15:00	0	V. Good	Dry	1	NE	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Summer_2022	25	Balief Castle	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	no target sp.
Summer_2022	37	Laffansbridge Quarry	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	38	Graystown Castle	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	38	Graystown Castle	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Summer_2022	43	Littleton Bog on site near Two Churches	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	SD	Stock Dove	Columba oenas	Red	No	1	no target sp.
Summer_2022	9	Cabragh Marshes b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	8	no target sp.
Summer_2022	9	Cabragh Marshes b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	T.	Teal	Anas crecca	Amber	No	7	no target sp.
Summer_2022	9	Cabragh Marshes b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.

Summer_2022	8	Cabragh Marshes a)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	no target sp.
Summer_2022	3	Lisheen Mine Windfarm a)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	no target sp.
Summer_2022	3	Lisheen Mine Windfarm a)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	1	Lisheen Mine Windfarm north	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	17	no target sp.
Summer_2022	1	Lisheen Mine Windfarm north	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	no target sp.
Summer_2022	1	Lisheen Mine Windfarm north	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	GG	Great Crested Grebe	Podiceps cristatus	Amber	No	1	no target sp.
Summer_2022	1	Lisheen Mine Windfarm north	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	1	no target sp.
Summer_2022	20	Castletown, north of Popes Bog	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	26	Foulkscourt Johnstown Castle near	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	no target sp.
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	no target sp.
Summer_2022	27A	Bawnmore b)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	10	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	5	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	no target sp.
Summer_2022	28	Bawnmore c)	09-09-22	September	BP	08:05	15:15	7-8	Good	showers	3	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	168	no target sp.
Winter_2022_2023	20	Castletown, north of Popes Bog	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	no target sp.
Winter_2022_2023	28	Bawnmore c)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	4	no target sp.
Winter_2022_2023	11	Two Churches/Cheese factory	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	6	
Winter_2022_2023	10A	Littleton North	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	BZ	Buzzard	Buteo buteo	Green	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	GA	Gadwall	Anas strepera	Amber	No	5	
Winter_2022_2023	9	Cabragh Marshes b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2022_2023	9	Cabragh Marshes b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2022_2023	8	Cabragh Marshes a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	GJ	Greylag Goose	Anser anser	Amber	No	4	
Winter_2022_2023	8	Cabragh Marshes a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	4	
Winter_2022_2023	8	Cabragh Marshes a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	T.	Teal	Anas crecca	Amber	No	34	
Winter_2022_2023	8	Cabragh Marshes a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	L.	Lapwing	Vanellus vanellus	Red	No	21	
Winter_2022_2023	7	River Suir Upper floodplain b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	L.	Lapwing	Vanellus vanellus	Red	No	6	
Winter_2022_2023	7	River Suir Upper floodplain b)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2022_2023	6	River Suir Upper	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	L.	Lapwing	Vanellus vanellus	Red	No	110	

Winter_2022_2023	6	River Suir Upper	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	3	
Winter_2022_2023	3	Lisheen Mine Windfarm a)	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	16	
Winter_2022_2023	2	Lisheen Mine Windfarm north west	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	1	Lisheen Mine Windfarm north	18-10-22	October	BP	07:30	17:20	5-7	V. Good	Dry	3	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	CU	Curlew	Numenius arquata	Red	No	32	
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	19	
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2022_2023	25	Balief Castle	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	107	
Winter_2022_2023	22	The Loughane, Bailief	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	21	
Winter_2022_2023	22	The Loughane, Bailief	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	6	
Winter_2022_2023	22	The Loughane, Bailief	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	WN	Wigeon	Anas penelope	Amber	No	3	
Winter_2022_2023	22	The Loughane, Bailief	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	26	
Winter_2022_2023	27A	Bawnmore b)	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	11	
Winter_2022_2023	27A	Bawnmore b)	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	27A	Bawnmore b)	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	52	
Winter_2022_2023	27A	Bawnmore b)	19-10-22	November	BP	07:35	09:10	7-8	V. Good	Dry	3	S	LG	Little Grebe	Tachybaptus ruficollis	Green	No	4	
Winter_2022_2023	1	Lisheen Mine Windfarm north	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	330	
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	110	
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2022_2023	6	River Suir Upper	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	ET	Little Egret	Egretta garzetta	Green	Yes	8	
Winter_2022_2023	7	River Suir Upper floodplain b)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	42	
Winter_2022_2023	7	River Suir Upper floodplain b)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	85	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GJ	Greylag Goose	Anser anser	Amber	No	18	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	8	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	8	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	H.	Grey Heron	Ardea cinerea	Green	No	5	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	CA	Cormorant	Phalacrocorax carbo	Amber	No	1	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	SV	Shoveler	Anas clypeata	Red	No	7	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	T.	Teal	Anas crecca	Amber	No	365	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	WN	Wigeon	Anas penelope	Amber	No	245	
Winter_2022_2023	8	Cabragh Marshes a)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GA	Gadwall	Anas strepera	Amber	No	5	
Winter_2022_2023	9	Cabragh Marshes b)	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	10	Littleton North	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	95	
Winter_2022_2023	10	Littleton North	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	245	
Winter_2022_2023	10A	Littleton North	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	12	
Winter_2022_2023	11	Two Churches/Cheese factory	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	42	
Winter_2022_2023	11	Two Churches/Cheese factory	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	17	Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	T.	Teal	Anas crecca	Amber	No	68	
Winter_2022_2023	17	Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	WN	Wigeon	Anas penelope	Amber	No	85	
Winter_2022_2023	17	Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	5	

Winter_2022_2023	17	Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	CU	Curlew	Numenius arquata	Red	No	1	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	175	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	L.	Lapwing	Vanellus vanellus	Red	No	71	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	19-10-22	November	BP	12:45	17:00	7-8	V. Good	Dry	3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	
Winter_2022_2023	28	Bawnmore c)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	MA	Mallard	Anas platyrhynchos	Amber	No	8	
Winter_2022_2023	28	Bawnmore c)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2022_2023	27A	Bawnmore b)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	33	
Winter_2022_2023	27A	Bawnmore b)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	27A	Bawnmore b)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	MA	Mallard	Anas platyrhynchos	Amber	No	13	
Winter_2022_2023	27A	Bawnmore b)	02-12-22	December	BP	10:45	11:45	7-8	V. Good	Dry	1	SE	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	81	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	WN	Wigeon	Anas penelope	Amber	No	156	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	PT	Pintail	Anas acuta	Amber	No	6	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	CU	Curlew	Numenius arquata	Red	No	54	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	L.	Lapwing	Vanellus vanellus	Red	No	57	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	T.	Teal	Anas crecca	Amber	No	55	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	RK	Redshank	Tringa totanus	Red	No	1	
Winter_2022_2023	22	The Loughane, Bailief	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	6	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	GP	Golden Plover	Pluvialis apricaria	Red	Yes	420	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	L.	Lapwing	Vanellus vanellus	Red	No	145	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	WN	Wigeon	Anas penelope	Amber	No	135	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	MS	Mute Swan	Cygnus olor	Amber	No	4	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	T.	Teal	Anas crecca	Amber	No	110	
Winter_2022_2023	17	Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	L.	Lapwing	Vanellus vanellus	Red	No	15	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	CU	Curlew	Numenius arquata	Red	No	64	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	73	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	GP	Golden Plover	Pluvialis apricaria	Red	Yes	22	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	06-12-22	December	BP	11:20	13:30	7-8	V. Good	Dry	1	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	26	
Winter_2022_2023	7	River Suir Upper floodplain b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2022_2023	8	Cabragh Marshes a)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	WN	Wigeon	Anas penelope	Amber	No	155	
Winter_2022_2023	8	Cabragh Marshes a)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	495	
Winter_2022_2023	8	Cabragh Marshes a)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	165	
Winter_2022_2023	8	Cabragh Marshes a)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	SV	Shoveler	Anas clypeata	Red	No	3	
Winter_2022_2023	9	Cabragh Marshes b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	32	

Winter_2022_2023	9	Cabragh Marshes b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	SN	Snipe	Gallinago gallinago	Red	No	3	
Winter_2022_2023	9	Cabragh Marshes b)	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	MR	Marsh Harrier	Circus aeruginosus	Amber	Yes	1	
Winter_2022_2023	10	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	63	
Winter_2022_2023	10B	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	800	
Winter_2022_2023	10B	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	120	
Winter_2022_2023	10B	Littleton North	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	
Winter_2022_2023	11	Two Churches/Cheese factory	07-12-22	December	BP	08:20	12:10	0	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	34	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	73	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WN	Wigeon	Anas penelope	Amber	No	28	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	CU	Curlew	Numenius arquata	Red	No	6	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2022_2023	22	The Loughane, Bailief	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WN	Wigeon	Anas penelope	Amber	No	268	
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	CU	Curlew	Numenius arquata	Red	No	4	
Winter_2022_2023	17	Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	193	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	8	
Winter_2022_2023	17A	Rossdarragh north of Gilmoy	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2022_2023	27A	Bawnmore b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	28	
Winter_2022_2023	27A	Bawnmore b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WN	Wigeon	Anas penelope	Amber	No	6	
Winter_2022_2023	27A	Bawnmore b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2022_2023	27A	Bawnmore b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2022_2023	28	Bawnmore c)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	3	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2022_2023	7	River Suir Upper floodplain b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	56	
Winter_2022_2023	7	River Suir Upper floodplain b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WN	Wigeon	Anas penelope	Amber	No	7	
Winter_2022_2023	7	River Suir Upper floodplain b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	
Winter_2022_2023	6	River Suir Upper	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	310	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	135	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	GJ	Greylag Goose	Anser anser	Amber	No	17	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WN	Wigeon	Anas penelope	Amber	No	145	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2022_2023	8	Cabragh Marshes a)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	PE	Peregrine	Falco peregrinus	Green	Yes	4	
Winter_2022_2023	9	Cabragh Marshes b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	17	

Winter_2022_2023	9	Cabragh Marshes b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Winter_2022_2023	9	Cabragh Marshes b)	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	L.	Lapwing	Vanellus vanellus	Red	No	137	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	T.	Teal	Anas crecca	Amber	No	52	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	SV	Shoveler	Anas clypeata	Red	No	3	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	3	
Winter_2022_2023	10	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	BZ	Buzzard	Buteo buteo	Green	No	2	
Winter_2022_2023	10B	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	11	
Winter_2022_2023	10B	Littleton North	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	750	
Winter_2022_2023	11	Two Churches/Cheese factory	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	38	
Winter_2022_2023	11	Two Churches/Cheese factory	03-01-23	January	BP	08:15	13:30	8	V. Good	showers	4	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	25	Balief Castle	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	262	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	140	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	5	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WN	Wigeon	Anas penelope	Amber	No	154	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	L.	Lapwing	Vanellus vanellus	Red	No	36	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	T.	Coot	Fulica atra	Amber	No	89	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CO	Coot	Fulica atra	Amber	No	1	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CU	Curlew	Numenius arquata	Red	No	7	
Winter_2022_2023	22	The Loughane, Bailief	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	SG	Starling	Sturnus vulgaris	Amber	No	10000	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	L.	Lapwing	Vanellus vanellus	Red	No	490	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CU	Curlew	Numenius arquata	Red	No	14	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	T.	Teal	Anas crecca	Amber	No	63	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WN	Wigeon	Anas penelope	Amber	No	295	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	20	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CO	Coot	Fulica atra	Amber	No	7	
Winter_2022_2023	17	Gilmoy	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	11	Two Churches/Cheese factory	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	111	
Winter_2022_2023	10	Littleton North	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	L.	Lapwing	Vanellus vanellus	Red	No	23	
Winter_2022_2023	10B	Littleton North	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	5	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	PT	Pintail	Anas acuta	Amber	No	3	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	SV	Shoveler	Anas clypeata	Red	No	6	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	GA	Gadwall	Anas strepera	Amber	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WN	Wigeon	Anas penelope	Amber	No	11	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	T.	Teal	Anas crecca	Amber	No	34	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2022_2023	9	Cabragh Marshes b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	34	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	H.	Grey Heron	Ardea cinerea	Green	No	12	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CU	Curlew	Numenius arquata	Red	No	35	

Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	ET	Little Egret	Egretta garzetta	Green	Yes	3	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WN	Wigeon	Anas penelope	Amber	No	114	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	T.	Teal	Anas crecca	Amber	No	42	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	GP	Golden Plover	Pluvialis apricaria	Red	Yes	8	
Winter_2022_2023	8	Cabragh Marshes a)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	7	River Suir Upper floodplain b)	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	L.	Lapwing	Vanellus vanellus	Red	No	3	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	T.	Teal	Anas crecca	Amber	No	72	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	CO	Coot	Fulica atra	Amber	No	4	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	WN	Wigeon	Anas penelope	Amber	No	3	
Winter_2022_2023	6	River Suir Upper	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	6	River Suir Upper	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2022_2023	1	Lisheen Mine Windfarm north	09-02-23	February	BP	07:25	13:45	0-6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	28	Bawnmore c)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	28	Bawnmore c)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2022_2023	28	Bawnmore c)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	28	Bawnmore c)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	MA	Mallard	Anas platyrhynchos	Amber	No	36	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	MS	Mute Swan	Cygnus olor	Amber	No	9	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	PT	Pintail	Anas acuta	Amber	No	2	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	T.	Teal	Anas crecca	Amber	No	2	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	WN	Wigeon	Anas penelope	Amber	No	4	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	SN	Snipe	Gallinago gallinago	Red	No	1	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2022_2023	27A	Bawnmore b)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2022_2023	27	Bawnmore a)	09-02-23	February	BP	17:10	18:00	7	V. Good	Dry	1	W	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	37	
Winter_2022_2023	25	Balief Castle	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	725	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1570	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	H.	Grey Heron	Ardea cinerea	Green	No	3	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	WN	Wigeon	Anas penelope	Amber	No	228	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	CU	Curlew	Numenius arquata	Red	No	18	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	T.	Teal	Anas crecca	Amber	No	410	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	CO	Coot	Fulica atra	Amber	No	1	
Winter_2022_2023	22	The Loughane, Bailief	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2022_2023	26	Foulkscourt Johnstown Castle near	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	L.	Lapwing	Vanellus vanellus	Red	No	72	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MS	Mute Swan	Cygnus olor	Amber	No	4	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	PT	Pintail	Anas acuta	Amber	No	2	

Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	27	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	5	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	WN	Wigeon	Anas penelope	Amber	No	345	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	T.	Teal	Anas crecca	Amber	No	27	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	CO	Coot	Fulica atra	Amber	No	13	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2022_2023	17	Gilmoy	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2022_2023	3	Lisheen Mine Windfarm a)	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2022_2023	3	Lisheen Mine Windfarm a)	05-03-23	March	BP	06:40	09:50	8	V. Good	Dry	0	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	6	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	1	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	
Winter_2022_2023	28	Bawnmore c)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	28	
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MS	Mute Swan	Cygnus olor	Amber	No	7	
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	3	
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	17	
Winter_2022_2023	27A	Bawnmore b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	11	
Winter_2022_2023	27	Bawnmore a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	39	
Winter_2022_2023	27	Bawnmore a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	GJ	Greylag Goose	Anser anser	Amber	No	5	
Winter_2022_2023	27	Bawnmore a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	4	
Winter_2022_2023	27	Bawnmore a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	11	Two Churches/Cheese factory	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	113	
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	10	
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	5	
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	39	
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	155	
Winter_2022_2023	10B	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	21	
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	47	
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	125	
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2022_2023	10	Littleton North	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	6	
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	SV	Shoveler	Anas clypeata	Red	No	4	
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	GA	Gadwall	Anas strepera	Amber	No	2	
Winter_2022_2023	9	Cabragh Marshes b)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	

Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	L.	Lapwing	Vanellus vanellus	Red	No	23	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	WN	Wigeon	Anas penelope	Amber	No	16	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	T.	Teal	Anas crecca	Amber	No	22	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	SN	Snipe	Gallinago gallinago	Red	No	2	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	CU	Curlew	Numenius arquata	Red	No	39	
Winter_2022_2023	8	Cabragh Marshes a)	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2022_2023	6	River Suir Upper	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2022_2023	6	River Suir Upper	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	CO	Coot	Fulica atra	Amber	No	4	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2022_2023	18	Ballybrista on N62 Thurles to Templemore	05-03-23	March	BP	13:25	17:30	8	V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	37	Laffensbridge quarry	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	24	Littleton Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2023	10	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	54	
Summer_2023	10	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	CO	Coot	Fulica atra	Amber	No	4	
Summer_2023	10	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2023	10	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	2	
Summer_2023	10	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2023	10B	Littleton North	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	34	Rahelty Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Summer_2023	20	Castletown, north of Popes Bog	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	27A	Bawnmore b)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	21	
Summer_2023	27A	Bawnmore b)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Summer_2023	27A	Bawnmore b)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	6	
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	GJ	Greylag Goose	Anser anser	Amber	No	2	
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	

Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	7	
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	7	
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	4	
Summer_2023	28	Bawnmore c)	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	Nil	
Summer_2023	26	Foulkscourt Johnstown Castle near	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	17	Gilmoy	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	WN	Wigeon	Anas penelope	Amber	No	27	
Summer_2023	17	Gilmoy	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	10	
Summer_2023	17	Gilmoy	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	SV	Shoveler	Anas clypeata	Red	No	2	
Summer_2023	17	Gilmoy	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	3	
Summer_2023	17	Gilmoy	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	CO	Coot	Fulica atra	Amber	No	11	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	WN	Wigeon	Anas penelope	Amber	No	16	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	CO	Coot	Fulica atra	Amber	No	4	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	T.	Teal	Anas crecca	Amber	No	4	
Summer_2023	22	The Loughane, Bailief	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	25	Balief Castle	05-04-23	April	BP	10:50	18:00	8	V. Good	occ. Showers & drizzle	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	CO	Coot	Fulica atra	Amber	No	4	
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	TU	Tufted Duck	Aythya fuligula	Amber	No	1	
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	3	

Summer_2023	22	The Loughane, Bailief	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	27	Bawnmore a)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	19	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	8	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	13	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2023	27A	Bawnmore b)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	4	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	8	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	28	Bawnmore c)	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	32	
Summer_2023	20	Castletown, north of Popes Bog	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	32	Boulick Graveyard & folly	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SD	Stock Dove	Columba oenas	Red	No	1	
Summer_2023	37	Laffansbridge Quarry	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	38	Graystone Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SI	Swift	Apus apus	Red	No	2	
Summer_2023	36	Grallagh Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SG	Starling	Sturnus vulgaris	Amber	No	not recorded	
Summer_2023	36	Grallagh Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SL	Swallow	Hirundo rustica	Amber	No	not recorded	
Summer_2023	35	Killough Roadstone	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Summer_2023	24	Littleton Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	10	Littleton North	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	CO	Coot	Fulica atra	Amber	No	4	
Summer_2023	10	Littleton North	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2023	10	Littleton North	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Summer_2023	10	Littleton North	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	
Summer_2023	43	Littleton Bog on site near Two Churches	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SD	Stock Dove	Columba oenas	Red	No	2	
Summer_2023	43	2 Mile Borris Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SI	Swift	Apus apus	Red	No	3	
Summer_2023	43	2 Mile Borris Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SG	Starling	Sturnus vulgaris	Amber	No	2	

Summer_2023	34	Rahelty Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	34	Rahelty Castle	11-05-23	May	BP	06:20	13:45	9	V. Good	occ. Showers	3	NW	SI	Swift	Apus apus	Red	No	2	
Summer_2023	24	Littleton Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	4	
Summer_2023	37	Laffansbridge Quarry	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	38	Graystown Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SI	Swift	Apus apus	Red	No	5	
Summer_2023	35	Killough Roadstone	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	5	
Summer_2023	43	Two Mile Borris	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SI	Swift	Apus apus	Red	No	3	
Summer_2023	43	Two Mile Borris	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2023	34	Rahelty Castle	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SI	Swift	Apus apus	Red	No	2	
Summer_2023	20	Castletown, north of Popes Bog	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	27	Bawnmore a)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SN	Snipe	Gallinago gallinago	Red	No	2	
Summer_2023	27A	Bawnmore b)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	MS	Mute Swan	Cygnus olor	Amber	No	7	
Summer_2023	27A	Bawnmore b)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	31	
Summer_2023	27A	Bawnmore b)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	L.	Lapwing	Vanellus vanellus	Red	No	1	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	61	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	7	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	L.	Lapwing	Vanellus vanellus	Red	No	4	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2023	28	Bawnmore c)	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	36	
Summer_2023	26	Foulkscourt Johnstown Castle near	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Summer_2023	26	Foulkscourt Johnstown Castle near	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2023	22	The Loughane, Bailief	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	L.	Lapwing	Vanellus vanellus	Red	No	4	
Summer_2023	22	The Loughane, Bailief	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	CO	Coot	Fulica atra	Amber	No	1	
Summer_2023	22	The Loughane, Bailief	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	H.	Grey Heron	Ardea cinerea	Green	No	3	
Summer_2023	22	The Loughane, Bailief	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Summer_2023	32	Boulick Graveyard & folly	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SG	Starling	Sturnus vulgaris	Amber	No	not recorded	
Summer_2023	32	Boulick Graveyard & folly	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	SL	Swallow	Hirundo rustica	Amber	No	not recorded	
Summer_2023	32	Boulick Graveyard & folly	15-06-23	June	BP	09:30	17:05	3	V. Good	Dry	2	SE	K.	Kestrel	Falco tinnunculus	Red	No	1	
Summer_2023	26	Foulkscourt Johnstown Castle near	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	PE	Peregrine	Falco peregrinus	Green	Yes	2	
Summer_2023	27	Bawnmore a)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MH	Moorhen	Gallinula chloropus	Green	No	4	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	13	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2023	27A	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2023	27B	Bawnmore b)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	4	

Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	14	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	11	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	MS	Mute Swan	Cygnus olor	Amber	No	5	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	CS	Common Sandpiper	Actitis hypoleucos	Amber	No	1	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	43	
Summer_2023	28	Bawnmore c)	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	L.	Lapwing	Vanellus vanellus	Red	No	2	
Summer_2023	20	Castletown, north of Popes Bog	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	34	Rahelty Castle	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SI	Swift	Apus apus	Red	No	1	
Summer_2023	43	Two Mile Borris	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SI	Swift	Apus apus	Red	No	1	
Summer_2023	43	Two Mile Borris	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2023	12	Derricknew	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SH	Sparrowhawk	Accipiter nisus	Green	No	1	
Summer_2023	37	Laffansbridge Quarry	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	37	Laffansbridge Quarry	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	K.	Kestrel	Falco tinnunculus	Red	No	2	
Summer_2023	30	Boulick Castle	07-07-23	July	BP	07:00	14:35	8	V. Good	Dry	4	SE	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	6	
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	8	
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	
Summer_2023	28	Bawnmore c)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	MS	Mute Swan	Cygnus olor	Amber	No	3	
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2023	27A	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Summer_2023	27B	Bawnmore b)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	L.	Lapwing	Vanellus vanellus	Red	No	3	
Summer_2023	38	Graystown Castle	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	36	Killough Quarry	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	8	Cabragh Marshes a)	10-08-23	August	BP	10:15	17:10	8	V. Good	some drizzle	4	SE	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2023	27	Bawnmore a)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2023	27A	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	4	
Summer_2023	27A	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Summer_2023	27A	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2023	27B	Bawnmore b)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2023	28	Bawnmore c)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	

Summer_2023	28	Bawnmore c)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Summer_2023	28	Bawnmore c)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	9	
Summer_2023	28	Bawnmore c)	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2023	1A	Lisheen Tailing Ponds HH Watch	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	SN	Snipe	Gallinago gallinago	Red	No	3	
Summer_2023	1A	Lisheen Tailing Ponds HH Watch	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2	
Summer_2023	1	Lisheen Mine Windfarm north	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	
Summer_2023	26	Foulkscourt Johnstown Castle near	31-08-23	September	BP	not recorded	not recorded	8	V. Good	drizzle showers	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Summer_2023	9	Cabragh Marshes b)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A	MA	Mallard	Anas platyrhynchos	Amber	No	123	
Summer_2023	9	Cabragh Marshes b)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2023	9	Cabragh Marshes b)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2023	8	Cabragh Marshes a)	01-09-23	September	BP	not recorded	not recorded	8	Good	Fog-Dry	0	N/A	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2023_2024	28	Bawnmore c)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	
Winter_2023_2024	28	Bawnmore c)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	3	
Winter_2023_2024	28	Bawnmore c)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	27A	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	17	
Winter_2023_2024	27A	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	5	
Winter_2023_2024	27A	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	27B	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	3	
Winter_2023_2024	27B	Bawnmore b)	16-10-23	October	BP	14:05	15:50	8	V. Good	Dry	3	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	
Winter_2023_2024	1	Lisheen Mine Windfarm north	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	1	Lisheen Mine Windfarm north	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2023_2024	20	Castletown, north of Popes Bog	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	11	Two Churches/Cheese factory	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	13	
Winter_2023_2024	10	Littleton North	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	T.	Teal	Anas crecca	Amber	No	23	
Winter_2023_2024	10	Littleton North	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	8	
Winter_2023_2024	9	Cabragh Marshes b)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	MH	Moorhen	Gallinula chloropus	Green	No	3	
Winter_2023_2024	9	Cabragh Marshes b)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	7	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	T.	Teal	Anas crecca	Amber	No	9	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	WN	Wigeon	Anas penelope	Amber	No	14	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	L.	Lapwing	Vanellus vanellus	Red	No	1	
Winter_2023_2024	8	Cabragh Marshes a)	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	CU	Curlew	Numenius arquata	Red	No	2	
Winter_2023_2024	6	River Suir Upper	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	ET	Little Egret	Egretta garzetta	Green	Yes	1	

Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	17-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2023_2024	22	The Loughane, Bailief	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	205	
Winter_2023_2024	22	The Loughane, Bailief	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	22	The Loughane, Bailief	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	L.	Lapwing	Vanellus vanellus	Red	No	28	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	21	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	CU	Curlew	Numenius arquata	Red	No	2	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	28-10-23	October	BP	14:20	18:40	8	Good	Rain	3	E	BZ	Buzzard	Buteo buteo	Green	No	2	
Winter_2023_2024	25	Balief Castle	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	CU	Curlew	Numenius arquata	Red	No	41	
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	25	
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	WN	Wigeon	Anas penelope	Amber	No	10	
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	22	The Loughane, Bailief	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	17	Gilmoy	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	L.	Lapwing	Vanellus vanellus	Red	No	28	
Winter_2023_2024	17	Gilmoy	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	17	Gilmoy	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	WN	Wigeon	Anas penelope	Amber	No	6	
Winter_2023_2024	17	Gilmoy	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	T.	Teal	Anas crecca	Amber	No	72	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	23	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	3	
Winter_2023_2024	1	Lisheen Mine Windfarm north	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	6	
Winter_2023_2024	1	Lisheen Mine Windfarm north	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	3	Lisheen Mine Windfarm a)	16-11-23	November	BP	07:15	09:40	8	V. Good	light showers	2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	
Winter_2023_2024	11	Two Churches/Cheese factory	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	69	
Winter_2023_2024	24	Littleton Castle	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	BZ	Buzzard	Buteo buteo	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	105	
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	24	
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	T.	Teal	Anas crecca	Amber	No	254	
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	67	
Winter_2023_2024	8	Cabragh Marshes a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2023_2024	6A	River Suir Upper floodplain a)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	3	

Winter_2023_2024	6	River Suir Upper	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2023_2024	7	River Suir Upper floodplain b)	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	11	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	CO	Coot	Fulica atra	Amber	No	3	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	31	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	16-11-23	November	BP	13:00	16:50	8	V. Good	some showers	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	28	Bawnmore c)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE	GP	Golden Plover	Pluvialis apricaria	Red	Yes	3	
Winter_2023_2024	28	Bawnmore c)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2023_2024	28	Bawnmore c)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Winter_2023_2024	27A	Bawnmore b)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	27A	Bawnmore b)	05-12-23	December	BP	11:05	12:30	7	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	645	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	109	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	9	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	51	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	38	
Winter_2023_2024	22	The Loughane, Bailief	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	75	
Winter_2023_2024	17	Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	17	
Winter_2023_2024	17	Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	58	
Winter_2023_2024	17	Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2023_2024	17	Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	190	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	1	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	7	
Winter_2023_2024	1	Lisheen Mine Windfarm north	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	11	
Winter_2023_2024	27C	Bawnmore b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MS	Mute Swan	Cygnus olor	Amber	No	11	
Winter_2023_2024	27C	Bawnmore b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	37	
Winter_2023_2024	11	Two Churches/Cheese factory	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	64	
Winter_2023_2024	10B	Littleton North	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	
Winter_2023_2024	10	Littleton North	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	

Winter_2023_2024	10	Littleton North	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	73	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	56	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	152	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	18	
Winter_2023_2024	9	Cabragh Marshes b)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	GA	Gadwall	Anas strepera	Amber	No	1	
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	65	
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	114	
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	GJ	Greylag Goose	Anser anser	Amber	No	2	
Winter_2023_2024	6	River Suir Upper	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	T.	Teal	Anas crecca	Amber	No	17	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	WN	Wigeon	Anas penelope	Amber	No	4	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	CO	Coot	Fulica atra	Amber	No	2	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	06-12-23	December	BP	not recorded	not recorded	8	Good	light showers	5	SE	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2023_2024	28	Bawnmore c)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2023_2024	28	Bawnmore c)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	GP	Golden Plover	Pluvialis apricaria	Red	Yes	2	
Winter_2023_2024	27A	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	MS	Mute Swan	Cygnus olor	Amber	No	3	
Winter_2023_2024	27A	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2023_2024	27A	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Winter_2023_2024	27B	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2023_2024	27B	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	MA	Mallard	Anas platyrhynchos	Amber	No	21	
Winter_2023_2024	27C	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	L.	Lapwing	Vanellus vanellus	Red	No	3	
Winter_2023_2024	27C	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	6	
Winter_2023_2024	27C	Bawnmore b)	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	RE	Redwing	Turdus iliacus	Red	No	160	
Winter_2023_2024	20	Castletown, north of Popes Bog	09-01-24	January	BP	11:15	13:45	7	V. Good	Dry	3	E	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	25	Balief Castle	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	165	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	665	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	CU	Curlew	Numenius arquata	Red	No	44	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	6	

Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	T.	Teal	Anas crecca	Amber	No	23	
Winter_2023_2024	22	The Loughane, Bailief	11-01-24	January	BP	08:05	09:05	7	V. Good	Dry	0	NE	WN	Wigeon	Anas penelope	Amber	No	148	
Winter_2023_2024	11	Two Churches/Cheese factory	11-01-24	January	BP	13:15	14:15	7	V. Good	Dry	0	NE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	98	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	57	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MH	Moorhen	Gallinula chloropus	Green	No	3	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	WN	Wigeon	Anas penelope	Amber	No	5	
Winter_2023_2024	9	Cabragh Marshes b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	T.	Teal	Anas crecca	Amber	No	16	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	T.	Teal	Anas crecca	Amber	No	18	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	14	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	WN	Wigeon	Anas penelope	Amber	No	67	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	CU	Curlew	Numenius arquata	Red	No	32	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	L.	Lapwing	Vanellus vanellus	Red	No	28	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	GJ	Greylag Goose	Anser anser	Amber	No	16	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	8	Cabragh Marshes a)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2023_2024	7	River Suir Upper floodplain b)	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	T.	Teal	Anas crecca	Amber	No	12	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	CO	Coot	Fulica atra	Amber	No	5	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Winter_2023_2024	6	River Suir Upper	12-01-24	January	BP	14:50	17:00	8	V. Good	Dry	1	NE	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2023_2024	26	Foulkscourt Johnstown Castle near	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	18	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	L.	Lapwing	Vanellus vanellus	Red	No	140	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	CU	Curlew	Numenius arquata	Red	No	25	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	GP	Golden Plover	Pluvialis apricaria	Red	Yes	290	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	WN	Wigeon	Anas penelope	Amber	No	355	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	T.	Teal	Anas crecca	Amber	No	107	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	7	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	CO	Coot	Fulica atra	Amber	No	9	
Winter_2023_2024	17	Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	L.	Lapwing	Vanellus vanellus	Red	No	92	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	T.	Teal	Anas crecca	Amber	No	12	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	26	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	
Winter_2023_2024	1	Lisheen Mine Windfarm north	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	

Winter_2023_2024	1	Lisheen Mine Windfarm north	13-01-24	January	BP	08:15	10:00	8	V. Good	Dry	0	variable	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	235	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	13	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1465	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	51	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	PT	Pintail	Anas acuta	Amber	No	1	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	CO	Coot	Fulica atra	Amber	No	8	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	153	
Winter_2023_2024	22	The Loughane, Bailief	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	20	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	115	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	CU	Curlew	Numenius arquata	Red	No	69	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	525	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	87	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	CO	Coot	Fulica atra	Amber	No	14	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	SV	Shoveler	Anas clypeata	Red	No	8	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	GP	Golden Plover	Pluvialis apricaria	Red	Yes	6	
Winter_2023_2024	17	Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	CU	Curlew	Numenius arquata	Red	No	8	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	K.	Kestrel	Falco tinnunculus	Red	No	1	
Winter_2023_2024	26	Foulkscourt Johnstown Castle near	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	26	Foulkscourt Johnstown Castle near	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	SG	Starling	Sturnus vulgaris	Amber	No	>1000	
Winter_2023_2024	27C	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	63	
Winter_2023_2024	27C	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	PG	Pink-footed Goose	Anser brachyrhynchus	Green	No	1	
Winter_2023_2024	27A	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	4	
Winter_2023_2024	27A	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	
Winter_2023_2024	27A	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	9	
Winter_2023_2024	27B	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	

Winter_2023_2024	27B	Bawnmore b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	17	
Winter_2023_2024	28	Bawnmore c)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	4	
Winter_2023_2024	28	Bawnmore c)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	28	Bawnmore c)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	10	
Winter_2023_2024	28	Bawnmore c)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	3	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2023_2024	1	Lisheen Mine Windfarm north	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2023_2024	20	Castletown, north of Popes Bog	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2023_2024	11	Two Churches/Cheese factory	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	137	
Winter_2023_2024	11	Two Churches/Cheese factory	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	GJ	Greylag Goose	Anser anser	Amber	No	1	
Winter_2023_2024	10B	Littleton North	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	
Winter_2023_2024	10	Littleton turlough/ pond	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	29	
Winter_2023_2024	10	Littleton turlough/ pond	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	17	
Winter_2023_2024	10	Littleton turlough/ pond	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2023_2024	10	Littleton turlough/ pond	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	2	water level very high
Winter_2023_2024	9	Cabragh Marshes b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	2	
Winter_2023_2024	9	Cabragh Marshes b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	T.	Teal	Anas crecca	Amber	No	165	again water level very high adjacent fields flooded
Winter_2023_2024	8	Cabragh Marshes a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	190	
Winter_2023_2024	8	Cabragh Marshes a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	L.	Lapwing	Vanellus vanellus	Red	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2023_2024	6A	River Suir Upper floodplain a)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	ET	Little Egret	Egretta garzetta	Green	Yes	3	
Winter_2023_2024	7	River Suir Upper floodplain b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2023_2024	7	River Suir Upper floodplain b)	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	WN	Wigeon	Anas penelope	Amber	No	4	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	12-02-24	February	BP	07:20	14:35	8	V. Good	occ. Showers	3	SW	CO	Coot	Fulica atra	Amber	No	3	
Winter_2023_2024	11	Two Churches/Cheese factory	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	94	
Winter_2023_2024	10B	Littleton North	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	44	

Winter_2023_2024	10	Littleton North	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW	T.	Teal	Anas crecca	Amber	No	19	about as full as it gets
Winter_2023_2024	10	Littleton North	20-03-24	March	BP	13:15	15:35	6	V. Good	Dry	3	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	about as full as it gets
Winter_2023_2024	28	Bawnmore c)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Winter_2023_2024	28	Bawnmore c)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	
Winter_2023_2024	28	Bawnmore c)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	27A	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	H.	Grey Heron	Ardea cinerea	Green	No	2	
Winter_2023_2024	27A	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MS	Mute Swan	Cygnus olor	Amber	No	3	
Winter_2023_2024	27A	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MA	Mallard	Anas platyrhynchos	Amber	No	6	
Winter_2023_2024	27B	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2023_2024	27B	Bawnmore b)	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	
Winter_2023_2024	1A	Lisheen Tailing Ponds HH Watch	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	31	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	64	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	WN	Wigeon	Anas penelope	Amber	No	166	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	SV	Shoveler	Anas clypeata	Red	No	8	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	CO	Coot	Fulica atra	Amber	No	13	
Winter_2023_2024	17	Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	T.	Teal	Anas crecca	Amber	No	74	
Winter_2023_2024	17A	Rossdarragh north of Gilmoy	21-03-24	March	BP	09:20	11:45	8	V. Good	Dry	4	SN	T.	Teal	Anas crecca	Amber	No	13	
Winter_2023_2024	34	Rahelty Castle	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	male and female - eyrie occupied
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	Co	Coot	Fulica atra	Amber	No	6	
Winter_2023_2024	18	Ballybrista on N62 Thurles to Templemore	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	WN	Wigeon	Anas penelope	Amber	No	82	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	T.	Teal	Anas crecca	Amber	No	105	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	SV	Shoveler	Anas clypeata	Red	No	2	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	ET	Little Egret	Egretta garzetta	Green	Yes	2	
Winter_2023_2024	8	Cabragh Marshes a)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2023_2024	9	Cabragh Marshes b)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Winter_2023_2024	9	Cabragh Marshes b)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	WN	Wigeon	Anas penelope	Amber	No	1	
Winter_2023_2024	9	Cabragh Marshes b)	22-03-24	March	BP	13:00	15:25	6	V. Good	short showers	5	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	

Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	CO	Coot	Fulica atra	Amber	No	9	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	297	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	85	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	WN	Wigeon	Anas penelope	Amber	No	43	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	SV	Shoveler	Anas clypeata	Red	No	7	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	T.	Teal	Anas crecca	Amber	No	36	
Winter_2023_2024	22	The Loughane, Bailief	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	MS	Mute Swan	Cygnus olor	Amber	No	1	visited before dawn gull dispersal
Winter_2023_2024	25	Balief Castle	23-03-24	March	BP	06:15	07:20	7	V. Good	showers	4	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Summer_2024	11	Two Churches/Cheese factory	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	GJ	Greylag Goose	Anser anser	Amber	No	2	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	53	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	3	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	CO	Coot	Fulica atra	Amber	No	2	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2024	10	Littleton North	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Summer_2024	24	Littleton Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Summer_2024	24	Littleton Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	flyover
Summer_2024	37	Laffansbridge Quarry	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	territory occupied
Summer_2024	37	Laffansbridge Quarry	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	
Summer_2024	37	Laffansbridge Quarry	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SD	Stock Dove	Columba oenas	Red	No	1	
Summer_2024	38	Graystown Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SG	Starling	Sturnus vulgaris	Amber	No	1	
Summer_2024	35	Killough Roadstone	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	male and female - female on nest - eyrie occupied
Summer_2024	43	Two Mile Borris Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SG	Starling	Sturnus vulgaris	Amber	No	2	bringing food to nest
Summer_2024	43	Two Mile Borris Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SD	Stock Dove	Columba oenas	Red	No	3	including pair bonding behaviour and singing
Summer_2024	34	Rahelty Castle	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	male - eyrie occupied
Summer_2024	20	Castletown, north of Popes Bog	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	female on nest - eyrie occupied
Summer_2024	27	Bawnmore a)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	27	Bawnmore a)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2024	27	Bawnmore a)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	27	Bawnmore a)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	male (possibly breeding)
Summer_2024	27A	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	5	

Summer_2024	27A	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	9	
Summer_2024	27A	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	SN	Snipe	Gallinago gallinago	Red	No	1	chipping at east end
Summer_2024	27B	Bawnmore b)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	T.	Teal	Anas crecca	Amber	No	1	
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	4	2 pairs
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	but only flyovers
Summer_2024	28	Bawnmore c)	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	26	Foulkscourt Johnstown Castle near	17-04-24	April	BP	12:45	18:35	8	V. Good	light showers	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	fly over - no PE present
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	118	water still high after many wet weeks
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	CO	Coot	Fulica atra	Amber	No	10	
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	T.	Teal	Anas crecca	Amber	No	22	
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	WN	Wigeon	Anas penelope	Amber	No	6	
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	17	Gilmoy	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	TU	Tufted Duck	Aythya fuligula	Amber	No	1	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	WN	Wigeon	Anas penelope	Amber	No	10	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	T.	Teal	Anas crecca	Amber	No	32	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	MH	Moorhen	Gallinula chloropus	Green	No	4	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	CO	Coot	Fulica atra	Amber	No	14	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	MS	Mute Swan	Cygnus olor	Amber	No	1	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	SV	Shoveler	Anas clypeata	Red	No	2	
Summer_2024	22	The Loughane, Bailief	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Summer_2024	32	Boulick Graveyard & folly	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	K.	Kestrel	Falco tinnunculus	Red	No	1	male nesting in corner of stone store HSE building adjacent - nest occupied
Summer_2024	32	Boulick Graveyard & folly	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	SG	Starling	Sturnus vulgaris	Amber	No	8	
Summer_2024	32	Boulick Graveyard & folly	18-04-24	April	BP	18:45	20:50	7	V. Good	Dry	4	W	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	48	max count including 18 nests visible/active (+16 BH at sister colony by VP12)
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	4	
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	1	male
Summer_2024	28	Bawnmore c)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1	

Summer_2024	27A	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2024	27A	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Summer_2024	27A	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MS	Mute Swan	Cygnus olor	Amber	No	5	
Summer_2024	27A	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SN	Snipe	Gallinago gallinago	Red	No	1	chipping
Summer_2024	27B	Bawnmore b)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SN	Snipe	Gallinago gallinago	Red	No	2	chipping
Summer_2024	27	Bawnmore a)	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SN	Snipe	Gallinago gallinago	Red	No	1	chipping
Summer_2024	20	Castletown, north of Popes Bog	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	PE	Peregrine	Falco peregrinus	Green	Yes	2	male and female - female on nest , male close by on cliff face - eyrie occupied
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MS	Mute Swan	Cygnus olor	Amber	No	7	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	11	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MH	Moorhen	Gallinula chloropus	Green	No	3	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	CO	Coot	Fulica atra	Amber	No	4	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	GJ	Greylag Goose	Anser anser	Amber	No	1	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	1	defending territory
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Summer_2024	10	Littleton North	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	43	Two Mile Borris Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SI	Swift	Apus apus	Red	No	1	
Summer_2024	43	Two Mile Borris Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SL	Swallow	Hirundo rustica	Amber	No	3	
Summer_2024	43	Two Mile Borris Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SD	Stock Dove	Columba oenas	Red	No	2	
Summer_2024	43	Two Mile Borris Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SG	Starling	Sturnus vulgaris	Amber	No	5	
Summer_2024	32	Boulick Graveyard & folly	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	K.	Kestrel	Falco tinnunculus	Red	No	1	male - nest active - devending nest site from JD
Summer_2024	32	Boulick Graveyard & folly	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2024	32	Boulick Graveyard & folly	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SG	Starling	Sturnus vulgaris	Amber	No	3	active nests in castle
Summer_2024	38	Graystown Castle	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SI	Swift	Apus apus	Red	No	2	pair
Summer_2024	35	Killough Roadstone	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	PE	Peregrine	Falco peregrinus	Green	Yes	2	male and female - eyrie confirmed
Summer_2024	26	Foulkscourt Johnstown Castle near	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	PE	Peregrine	Falco peregrinus	Green	Yes	1	male on castle - eyrie confirmed
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MS	Mute Swan	Cygnus olor	Amber	No	3	
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MH	Moorhen	Gallinula chloropus	Green	No	3	
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2	

Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	
Summer_2024	17	Gilmoy	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	CO	Coot	Fulica atra	Amber	No	19	6 nests visible
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MS	Mute Swan	Cygnus olor	Amber	No	8	including 6 signets
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	BZ	Buzzard	Buteo buteo	Green	No	2	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	3	male, no female or juveniles
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	Co	Coot	Fulica atra	Amber	No	13	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	4	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	SL	Swallow	Hirundo rustica	Amber	No	not recorded	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MH	Moorhen	Gallinula chloropus	Green	No	3	
Summer_2024	22	The Loughane, Bailief	16-05-24	May	BP	not recorded	not recorded	8	V. Good	occ. Showers	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	14	including 9 hatchlings
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	7	
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	fly over BH 9 including 1 juvenile out of nest
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	9	colony complete (at VP12 BH colony adjacent -BH 9 including 1 juvenile out of nest)
Summer_2024	28	Bawnmore c)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	L.	Lapwing	Vanellus vanellus	Red	No	2	2 separate territories
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2	male and female - considered breeding pair
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	15	including 4 ducklings
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	
Summer_2024	27A	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SN	Snipe	Gallinago gallinago	Red	No	1	drumming
Summer_2024	27B	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	
Summer_2024	27B	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	27B	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	27B	Bawnmore b)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SN	Snipe	Gallinago gallinago	Red	No	1	chipping
Summer_2024	27	Bawnmore a)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	L.	Lapwing	Vanellus vanellus	Red	No	1	male - in short display
Summer_2024	27	Bawnmore a)	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SN	Snipe	Gallinago gallinago	Red	No	1	drumming

Summer_2024	20	Castletown, north of Popes Bog	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	female alarm calling from beside but not on nest - no fledglings visible - eyrie occupied - possibly successful
Summer_2024	34	Rahelty Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	2	juvenile - eyrie successful
Summer_2024	34	Rahelty Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SI	Swift	Apus apus	Red	No	3	
Summer_2024	43	Two Mile Borris Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SI	Swift	Apus apus	Red	No	4	
Summer_2024	10	Littleton North	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2024	10	Littleton North	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	14	including 10 juveniles
Summer_2024	10	Littleton North	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	CO	Coot	Fulica atra	Amber	No	5	including 3 juveniles
Summer_2024	10	Littleton North	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	
Summer_2024	24	Littleton Castle	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Summer_2024	35	Killough Roadstone	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - nest empty - juvenile fledged and with one parent or nest failed
Summer_2024	35	Killough Roadstone	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BZ	Buzzard	Buteo buteo	Green	No	2	
Summer_2024	37	Laffansbridge Quarry	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	K.	Kestrel	Falco tinnunculus	Red	No	1	male on site, territory occupied - no PE except new area of 'white wash' on cliff face
Summer_2024	32	Boulick Graveyard & folly	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	female on castle - not in available RN nest - very flighty
Summer_2024	32	Boulick Graveyard & folly	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	K.	Kestrel	Falco tinnunculus	Red	No	Nil	no K. at nest site
Summer_2024	32	Boulick Graveyard & folly	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	SG	Starling	Sturnus vulgaris	Amber	No	1	
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MS	Mute Swan	Cygnus olor	Amber	No	8	including 6 juveniles
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	11	
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	cO	Coot	Fulica atra	Amber	No	12	including c. 3 juveniles
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	ET	Little Egret	Egretta garzetta	Green	Yes	8	
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	L.	Lapwing	Vanellus vanellus	Red	No	3	adult
Summer_2024	22	The Loughane, Bailief	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3	still small pools left - a wet year
Summer_2024	26	Foulkscourt Johnstown Castle near	20-06-24	June	BP	13:10	20:30	8	V. Good	Dry	2	SW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult on castle - eyrie confirmed
Summer_2024	1	Lisheen Mine Windfarm north	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult by old RN nest already used by RN which fledged 3-4 chicks recorded on 16/05/24. suspect PE female in nest but not visible - eyrie occupied
Summer_2024	38	Graystown Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult on castle - possible breeding here or within quarry adjacent - eyrie unconfirmed
Summer_2024	38	Graystown Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	in tree close by, suspected of nesting in or close to quarry
Summer_2024	35	Killough Roadstone	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	K.	Kestrel	Falco tinnunculus	Red	No	3	3 juveniles and possibly 4th bird (adult female) fledged from nest in quarry or adjacent

Summer_2024	35	Killough Roadstone	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	Nil	not present
Summer_2024	10	Littleton North	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Summer_2024	10	Littleton North	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	10	Littleton North	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	female in molt
Summer_2024	10	Littleton North	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	3	including 2 juveniles recently fledged
Summer_2024	43	Two Mile Borris Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	SL	Swallow	Hirundo rustica	Amber	No	not recorded	no SI here or recorded at any sites during survvey!!!
Summer_2024	34	Rahelty Castle	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	juvenile visible (possibly 2nd hidden) - eyrie successful
Summer_2024	20	Castletown, north of Popes Bog	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	female alarm calling on cliff by nest, pe juvenile perched c. 300m away on tree - eyrie successful
Summer_2024	26	Foulkscourt Johnstown Castle near	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	juvenile on castle - eyrie successful
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	8	
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	21	including 7 ducklings
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	L.	Lapwing	Vanellus vanellus	Red	No	2	both females at 2 separate territories
Summer_2024	28	Bawnmore c)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	juveniles - able to fly - adults in and out previously
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	CU	Curlew	Numenius arquata	Red	No	23	post breeding dispersal/ migration from outside site
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MS	Mute Swan	Cygnus olor	Amber	No	6	
Summer_2024	27A	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	SN	Snipe	Gallinago gallinago	Red	No	1	drumming - south of track - new territory
Summer_2024	27B	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	SN	Snipe	Gallinago gallinago	Red	No	1	drumming
Summer_2024	27B	Bawnmore b)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	27	Bawnmore a)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	SN	Snipe	Gallinago gallinago	Red	No	1	chipping and display
Summer_2024	27	Bawnmore a)	10-07-24	July	BP	07:15	12:30	7	V. Good	Dry	4	NW	S.	Skylark	Alauda arvensis	Amber	No	1	singing - still in july
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	LG	Little Grebe	Tachybaptus ruficollis	Green	No	5	
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	MH	Moorhen	Gallinula chloropus	Green	No	1	
Summer_2024	28	Bawnmore c)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	L.	Lapwing	Vanellus vanellus	Red	No	2	female and juvenile - female alarm calling - successful breeding
Summer_2024	27A	Bawnmore b)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2024	27A	Bawnmore b)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	MS	Mute Swan	Cygnus olor	Amber	No	5	

Summer_2024	27A	Bawnmore b)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	SN	Snipe	Gallinago gallinago	Red	No	1	
Summer_2024	27A	Bawnmore b)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	MA	Mallard	Anas platyrhynchos	Amber	No	1	
Summer_2024	27A	Bawnmore b)	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	MH	Moorhen	Gallinula chloropus	Green	No	3	
Summer_2024	26	Foulkscourt Johnstown Castle near	01-08-24	August	BP	16:20	17:45	6	V. Good	Dry	2	W	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Summer_2024	32	Boulick Graveyard & folly	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	Nil	no PE visible but possibly female in rig RN nest and tucked down - or could have temporarily left nest due to strimming and other disturbances in adjacent graveyard
Summer_2024	36	Gralagh Castle	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	juvenile
Summer_2024	36	Gralagh Castle	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	SL	Swallow	Hirundo rustica	Amber	No	3	
Summer_2024	9	Cabragh Marshes b)	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	12	western pond - extremely overgrown
Summer_2024	9	Cabragh Marshes b)	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	4	
Summer_2024	42	St. Peter's Moycarkey, Horse & Jockey North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	SL	Swallow	Hirundo rustica	Amber	No	2	
Summer_2024	10	Littleton North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	10	Littleton North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Summer_2024	10	Littleton North	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	juvenile
Summer_2024	43	Two Mile Borris Castle	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	SL	Swallow	Hirundo rustica	Amber	No	6	
Summer_2024	34	Rahelty Castle	10-08-24	August	BP	13:35	18:15	5	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	juvenile - eyrie successful
Summer_2024	37	Laffansbridge Quarry	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	juvenile heard - territory occupied
Summer_2024	38	Graystown Castle	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	2	adult male and female - territory occupied - nest not located in 2024, either in castle or new location withing quarry - appears at least one juvenile fledged
Summer_2024	9	Cabragh Marshes b)	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	12	
Summer_2024	9	Cabragh Marshes b)	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	MH	Moorhen	Gallinula chloropus	Green	No	2	
Summer_2024	8	Cabragh Marshes a)	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	MA	Mallard	Anas platyrhynchos	Amber	No	4	all very overgrown and dry
Summer_2024	34	Rahelty Castle	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	BZ	Buzzard	Buteo buteo	Green	No	1	no PE during visit
Summer_2024	34	Rahelty Castle	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	SL	Swallow	Hirundo rustica	Amber	No	11	
Summer_2024	26	Foulkscourt Johnstown Castle near	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Summer_2024	26	Foulkscourt Johnstown Castle near	29-08-24	September	BP	13:35	18:15	5	V. Good	Dry	4	NW	K.	Kestrel	Falco tinnunculus	Red	No	1	juvenile perched in tree close to caslte
Summer_2024	27A	Bawnmore b)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MS	Mute Swan	Cygnus olor	Amber	No	1	
Summer_2024	27A	Bawnmore b)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	7	
Summer_2024	27A	Bawnmore b)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	

Summer_2024	28	Bawnmore c)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	8	
Summer_2024	28	Bawnmore c)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	9	
Summer_2024	28	Bawnmore c)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MH	Moorhen	Gallinula chloropus	Green	No	3	
Summer_2024	28	Bawnmore c)	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	H.	Grey Heron	Ardea cinerea	Green	No	2	
Summer_2024	1A	Lisheen Tailing Ponds HH Watch	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	77	
Summer_2024	1	Lisheen Mine Windfarm north	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	
Summer_2024	1	Lisheen Mine Windfarm north	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	SL	Swallow	Hirundo rustica	Amber	No	190	large gathering of hirundines - only SL identified
Summer_2024	10	Littleton North	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	L.	Lapwing	Vanellus vanellus	Red	No	5	post breeders
Summer_2024	10	Littleton North	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Summer_2024	10	Littleton North	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MH	Moorhen	Gallinula chloropus	Green	No	1	dried out to 2 small pools
Summer_2024	32	Boulick Graveyard & folly	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	SL	Swallow	Hirundo rustica	Amber	No	10	no PE - appears eyrie unused in RN nest after all - SL still going into nests in gate house
Summer_2024	22	The Loughane, Bailief	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	MA	Mallard	Anas platyrhynchos	Amber	No	2	dried out to 2 muddy pools
Summer_2024	22	The Loughane, Bailief	01-09-24	September	BP	14:10	18:25	8	V. Good	Dry	3	SE	T.	Teal	Anas crecca	Amber	No	2	
Winter_2024_2025	27	Bawnmore a)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	T.	Teal	Anas crecca	Amber	No	7	
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	WN	Wigeon	Anas penelope	Amber	No	3	
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2024_2025	27A	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2024_2025	27B	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	27B	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	3	
Winter_2024_2025	27B	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	T.	Teal	Anas crecca	Amber	No	2	
Winter_2024_2025	27B	Bawnmore b)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	L.	Lapwing	Vanellus vanellus	Red	No	1	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	MA	Mallard	Anas platyrhynchos	Amber	No	17	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	4	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	ET	Little Egret	Egretta garzetta	Green	Yes	1	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	MH	Moorhen	Gallinula chloropus	Green	No	1	
Winter_2024_2025	28	Bawnmore c)	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	K.	Kestrel	Falco tinnunculus	Red	No	1	
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	24-10-24	October	BP	07:50	10:00	8	V. Good	Dry	4	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	water levels lower than end of winter 2023/2024 survey. Drain recently re-dug to lower water levels. May effect WS and LB numbers using the large pond/small lake here
Winter_2024_2025	22	The Loughane, Bailief	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	14	very dry, no water in turlough visible. 85 LB in nearby field

Winter_2024_2025	1	Lisheen Mine Windfarm north	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	2	
Winter_2024_2025	2	Lisheen Mine Windfarm north west	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	MS	Mute Swan	Cygnus olor	Amber	No	2	
Winter_2024_2025	10	Littleton North	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	MH	Moorhen	Gallinula chloropus	Green	No	1	small pond only despite recent rain
Winter_2024_2025	23	Killeen Bog east	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	K.	Kestrel	Falco tinnunculus	Red	No	1	
Winter_2024_2025	9	Cabragh Marshes b)	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	MA	Mallard	Anas platyrhynchos	Amber	No	26	
Winter_2024_2025	9	Cabragh Marshes b)	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	T.	Teal	Anas crecca	Amber	No	14	
Winter_2024_2025	9	Cabragh Marshes b)	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	9	Cabragh Marshes b)	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	MH	Moorhen	Gallinula chloropus	Green	No	2	
Winter_2024_2025	34	Rahelty Castle	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	adult - eyrie occupied
Winter_2024_2025	34	Rahelty Castle	26-10-24	October	BP	08:30	14:00	8	V. Good	Dry	3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	65	in nearby BS3 (bare earth tilled crop field)
Winter_2024_2025	22	The Loughane, Bailief	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	L.	Lapwing	Vanellus vanellus	Red	No	1	Completely dry
Winter_2024_2025	25	Balief Castle	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	Eyrie occupied (territory at least)
Winter_2024_2025	17	Gilmoy	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	CU	Curlew	Numenius arquata	Red	No	18	no water visible
Winter_2024_2025	28	Bawnmore c)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	never seen it so birdless
Winter_2024_2025	28	Bawnmore c)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	BZ	Buzzard	Buteo buteo	Green	No	1	never seen it so birdless
Winter_2024_2025	27A	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	
Winter_2024_2025	27A	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	14	
Winter_2024_2025	27A	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MS	Mute Swan	Cygnus olor	Amber	No	4	
Winter_2024_2025	27A	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	T.	Teal	Anas crecca	Amber	No	8	
Winter_2024_2025	27B	Bawnmore b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	3	
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	water levels significantly lower due to drains cleared and deepened
Winter_2024_2025	2	Lisheen Mine Windfarm north west	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	T.	Teal	Anas crecca	Amber	No	3	
Winter_2024_2025	2	Lisheen Mine Windfarm north west	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	5	
Winter_2024_2025	2	Lisheen Mine Windfarm north west	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MS	Mute Swan	Cygnus olor	Amber	No	1	
Winter_2024_2025	11	Two Churches/Cheese factory	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	38	two churches
Winter_2024_2025	11	Two Churches/Cheese factory	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	ET	Little Egret	Egretta garzetta	Green	Yes	1	two churches
Winter_2024_2025	11	Two Churches/Cheese factory	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	two churches
Winter_2024_2025	11	Two Churches/Cheese factory	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	885	two churches
Winter_2024_2025	10	Littleton North	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	hardly any water at 'littleton pond'
Winter_2024_2025	10	Littleton North	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	2	hardly any water at 'littleton pond'
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1	cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	SV	Shoveler	Anas clypeata	Red	No	5	cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	T.	Teal	Anas crecca	Amber	No	3	cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	BW	Black-tailed Godwit	Limosa limosa	Red	No	1	cabragh marsh; almost no water visible

Winter_2024_2025	9	Cabragh Marshes b)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	WN	Wigeon	Anas penelope	Amber	No	234	cabragh marsh; almost no water visible
Winter_2024_2025	8	Cabragh Marshes a)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	GJ	Greylag Goose	Anser anser	Amber	No	9	cabragh marsh; almost no water visible
Winter_2024_2025	8	Cabragh Marshes a)	20-11-24	November	BP	07:30	13:30	0-7	V. Good	Dry	F0-2	NW	SH	Sparrowhawk	Accipiter nisus	Green	No	1	cabragh marsh; almost no water visible
Winter_2024_2025	20	Castletown, north of Popes Bog	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	PE	Peregrine	Falco peregrinus	Green	Yes	1	at nest site; eyrie occupied
Winter_2024_2025	11	Two Churches/Cheese factory	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	82	including 6 juveniles only; very low recuruitment this season
Winter_2024_2025	10	Littleton North	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	H.	Grey Heron	Ardea cinerea	Green	No	1	small pond/turlough near littleton; still very dry
Winter_2024_2025	10	Littleton North	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	MH	Moorhen	Gallinula chloropus	Green	No	1	small pond/turlough near littleton; still very dry
Winter_2024_2025	10	Littleton North	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	T.	Teal	Anas crecca	Amber	No	6	small pond/turlough near littleton; still very dry
Winter_2024_2025	22	The Loughane, Bailief	13-12-24	December	BP	14:55	17:00	8	Good	Dry	F1-0	NW	T.	Teal	Anas crecca	Amber	No	1	Loughane turlough - almost dry. Tiny pool only. No LB or BH that normally roost here at dusk and overnight when water level is higher
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	52	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	SV	Shoveler	Anas clypeata	Red	No	9	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	T.	Teal	Anas crecca	Amber	No	144	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	WN	Wigeon	Anas penelope	Amber	No	24	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	T.	Teal	Anas crecca	Amber	No	38	Cabragh marsh; water level low, dense vegetation
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	WN	Wigeon	Anas penelope	Amber	No	156	Cabragh marsh; water level low, dense vegetation
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	L.	Lapwing	Vanellus vanellus	Red	No	440	Cabragh marsh; water level low, dense vegetation
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	11	Cabragh marsh; water level low, dense vegetation
Winter_2024_2025	8	Cabragh Marshes a)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	3	Cabragh marsh; water level low, dense vegetation

Winter_2024_2025	7	River Suir Upper floodplain b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	CA	Cormorant	Phalacrocorax carbo	Amber	No	1	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	T.	Teal	Anas crecca	Amber	No	16	Roadside pond
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	Roadside pond
Winter_2024_2025	2	Lisheen Mine Windfarm north west	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	2	Lisheen Mine Windfarm north west	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	MA	Mallard	Anas platyrhynchos	Amber	No	5	NA
Winter_2024_2025	2	Lisheen Mine Windfarm north west	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	T.	Teal	Anas crecca	Amber	No	4	NA
Winter_2024_2025	1	Lisheen Mine Windfarm north	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	ET	Little Egret	Egretta garzetta	Green	Yes	1	NA
Winter_2024_2025	27C	Bawnmore b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	36	including 3 juveniles (only!)
Winter_2024_2025	27C	Bawnmore b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	MS	Mute Swan	Cygnus olor	Amber	No	3	NA
Winter_2024_2025	27C	Bawnmore b)	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	1 juvenile on road nearby with damaged wing
Winter_2024_2025	17	Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	CU	Curlew	Numenius arquata	Red	No	26	Gilmoy pond; very dry, tiny pool only
Winter_2024_2025	17	Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	WN	Wigeon	Anas penelope	Amber	No	33	Gilmoy pond; very dry, tiny pool only
Winter_2024_2025	17	Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	T.	Teal	Anas crecca	Amber	No	18	Gilmoy pond; very dry, tiny pool only
Winter_2024_2025	17A	Rossdarragh north of Gilmoy	16-12-24	December	BP	08:30	12:40	5-8	V. Good	Dry start, showers later	F3-4	SW	L.	Lapwing	Vanellus vanellus	Red	No	285	NA
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S	ET	Little Egret	Egretta garzetta	Green	Yes	1	NA
Winter_2024_2025	27C	Bawnmore b)	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	36	WS Grazing fields
Winter_2024_2025	11	Two Churches/Cheese factory	15-01-25	January	BP	09:30	10:45	0	V. Good	Dry	F3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	59	Two Churches WS grazing fields; including 2 juvenile only
Winter_2024_2025	24	Littleton Castle	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	on castle; eyrie occupied
Winter_2024_2025	9	Cabragh Marshes b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	MA	Mallard	Anas platyrhynchos	Amber	No	10	Carbragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	MS	Mute Swan	Cygnus olor	Amber	No	2	Carbragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	T.	Teal	Anas crecca	Amber	No	28	Carbragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	L.	Lapwing	Vanellus vanellus	Red	No	195	Cabragh marsh; many more ducks hidden behind reeds
Winter_2024_2025	8	Cabragh Marshes a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	MA	Mallard	Anas platyrhynchos	Amber	No	12	Cabragh marsh; many more ducks hidden behind reeds

Winter_2024_2025	8	Cabragh Marshes a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	T.	Teal	Anas crecca	Amber	No	6	Cabragh marsh; many more ducks hidden behind reeds
Winter_2024_2025	8	Cabragh Marshes a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	WN	Wigeon	Anas penelope	Amber	No	28	Cabragh marsh; many more ducks hidden behind reeds
Winter_2024_2025	7	River Suir Upper floodplain b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	CA	Cormorant	Phalacrocorax carbo	Amber	No	2	NA
Winter_2024_2025	7	River Suir Upper floodplain b)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	MA	Mallard	Anas platyrhynchos	Amber	No	3	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	L.	Lapwing	Vanellus vanellus	Red	No	140	NA
Winter_2024_2025	6 & 6A	River Suir Upper floodplain a)	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	20	Castletown, north of Popes Bog	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	Maher quarry PE on nest site; eyrie occupied
Winter_2024_2025	10B	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	6	NA
Winter_2024_2025	10B	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	BZ	Buzzard	Buteo buteo	Green	No	1	NA
Winter_2024_2025	10	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	MH	Moorhen	Gallinula chloropus	Green	No	1	Littleton pond
Winter_2024_2025	10	Littleton North	16-01-25	January	BP	11:05	14:00	6-3	V. Good	Dry	F3-4	S	GP	Golden Plover	Pluvialis apricaria	Red	Yes	155	Littleton pond; flying over hVP10B area
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	230	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	42	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	HG	Herring Gull	Larus argentatus	Amber	No	2	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	T.	Teal	Anas crecca	Amber	No	8	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	WN	Wigeon	Anas penelope	Amber	No	104	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	CU	Curlew	Numenius arquata	Red	No	39	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	SG	Starling	Sturnus vulgaris	Amber	No	3500	Loughane turlough; minimum flying East-West by lough
Winter_2024_2025	25	Balief Castle	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	Bali… Castle; one tree by castle; territory occupied
Winter_2024_2025	26	Foulkscourt Johnstown Castle near	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	Foulkscourt Castle; eyrie occupied
Winter_2024_2025	17	Gilmoy	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	WN	Wigeon	Anas penelope	Amber	No	10	Gilmoy pond; much disturbance, horses on site, soil heped within turlough area, small amount of water visible
Winter_2024_2025	17	Gilmoy	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	T.	Teal	Anas crecca	Amber	No	56	Gilmoy pond; much disturbance, horses on site, soil heped within turlough area, small amount of water visible
Winter_2024_2025	32	Boulick Graveyard & folly	17-01-25	January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	PE	Peregrine	Falco peregrinus	Green	Yes	1	Boulial castle; eyrie occupied
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1305	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	245	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	L.	Lapwing	Vanellus vanellus	Red	No	65	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WN	Wigeon	Anas penelope	Amber	No	440	Loughane turlough; pre-dawn

Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	T.	Teal	Anas crecca	Amber	No	63	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	SV	Shoveler	Anas clypeata	Red	No	1	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	CO	Coot	Fulica atra	Amber	No	10	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	18	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MH	Moorhen	Gallinula chloropus	Green	No	1	Loughane turlough; pre-dawn
Winter_2024_2025	22	The Loughane, Bailief	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	Loughane turlough; pre-dawn
Winter_2024_2025	25	Balief Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	Balief castle; eating prey at 07:36; territory occupied
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	T.	Teal	Anas crecca	Amber	No	76	Gilmoy pond
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	L.	Lapwing	Vanellus vanellus	Red	No	155	Gilmoy pond
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	4	Gilmoy pond
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WN	Wigeon	Anas penelope	Amber	No	178	Gilmoy pond
Winter_2024_2025	17	Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	CU	Curlew	Numenius arquata	Red	No	1	Gilmoy pond
Winter_2024_2025	17A	Rossdarragh north of Gilmoy	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	CU	Curlew	Numenius arquata	Red	No	42	NA
Winter_2024_2025	26	Foulkscourt Johnstown Castle near	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	2	male and female; eyrie occupied
Winter_2024_2025	27C	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	47	Bawnmore swan grazing fields
Winter_2024_2025	27A	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	23	NA
Winter_2024_2025	27A	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MS	Mute Swan	Cygnus olor	Amber	No	5	NA
Winter_2024_2025	27B	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	13	NA
Winter_2024_2025	27B	Bawnmore b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	SV	Shoveler	Anas clypeata	Red	No	12	High count
Winter_2024_2025	28	Bawnmore c)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	12	NA
Winter_2024_2025	28	Bawnmore c)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	28	Bawnmore c)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	K.	Kestrel	Falco tinnunculus	Red	No	1	NA
Winter_2024_2025	28	Bawnmore c)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	L.	Lapwing	Vanellus vanellus	Red	No	2	on 2024 breeding site
Winter_2024_2025	2	Lisheen Mine Windfarm north west	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	20	Castletown, north of Popes Bog	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	Maher quarry; PE on nest cliff; eyrie occupied
Winter_2024_2025	34	Rahelty Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	Rahealty castle; eyrie occupied
Winter_2024_2025	6 & 6A	River Suir Upper floodplain a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MS	Mute Swan	Cygnus olor	Amber	No	2	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	L.	Lapwing	Vanellus vanellus	Red	No	48	Cabragh marsh
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	T.	Teal	Anas crecca	Amber	No	9	Cabragh marsh
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	4	Cabragh marsh
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	CO	Coot	Fulica atra	Amber	No	4	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	6	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	H.	Grey Heron	Ardea cinerea	Green	No	1	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WN	Wigeon	Anas penelope	Amber	No	205	Cabragh marsh

Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	T.	Teal	Anas crecca	Amber	No	168	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PT	Pintail	Anas acuta	Amber	No	2	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	SV	Shoveler	Anas clypeata	Red	No	11	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	GK	Greenshank	Tringa nebularia	Green	No	1	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MA	Mallard	Anas platyrhynchos	Amber	No	53	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	T.	Teal	Anas crecca	Amber	No	41	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	MH	Moorhen	Gallinula chloropus	Green	No	1	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1	Cabragh marsh
Winter_2024_2025	10B	Littleton North	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	BZ	Buzzard	Buteo buteo	Green	No	1	NA
Winter_2024_2025	10	Littleton North	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	L.	Lapwing	Vanellus vanellus	Red	No	2	Water as high as it gets
Winter_2024_2025	11	Two Churches/Cheese factory	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	16	Two churches/creamery swan grazing fields
Winter_2024_2025	11	Two Churches/Cheese factory	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	225	Littleton castle
Winter_2024_2025	24	Littleton Castle	06-02-25	February	BP	07:20	15:30	0	V. Good	Dry	F1-2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1	
Winter_2024_2025	11	Two Churches/Cheese factory	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	57	Two Churches WS grazing fields
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	167	Littleton pond
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4	Littleton pond
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	16	Littleton pond
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CO	Coot	Fulica atra	Amber	No	2	Littleton pond
Winter_2024_2025	10	Littleton North	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MH	Moorhen	Gallinula chloropus	Green	No	2	Littleton pond
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	13	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MA	Mallard	Anas platyrhynchos	Amber	No	12	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	SV	Shoveler	Anas clypeata	Red	No	4	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CO	Coot	Fulica atra	Amber	No	1	Cabragh marsh
Winter_2024_2025	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MH	Moorhen	Gallinula chloropus	Green	No	3	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	42	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	WN	Wigeon	Anas penelope	Amber	No	81	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	1	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CU	Curlew	Numenius arquata	Red	No	12	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	TU	Tufted Duck	Aythya fuligula	Amber	No	1	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	L.	Lapwing	Vanellus vanellus	Red	No	9	Cabragh marsh
Winter_2024_2025	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MA	Mallard	Anas platyrhynchos	Amber	No	2	Cabragh marsh
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MS	Mute Swan	Cygnus olor	Amber	No	2	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CO	Coot	Fulica atra	Amber	No	2	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MH	Moorhen	Gallinula chloropus	Green	No	1	NA
Winter_2024_2025	34	Rahelty Castle	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	PE	Peregrine	Falco peregrinus	Green	Yes	1	Rahealty castle; eyrie occupied
Winter_2024_2025	20	Castletown, north of Popes Bog	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	PE	Peregrine	Falco peregrinus	Green	Yes	1	Maher quarry; PE female on nest edge; eyrie occupied

Winter_2024_2025	3 & 4	Lisheen Mine Windfarm a)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	2	Lisheen Mine Windfarm north west	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	T.	Teal	Anas crecca	Amber	No	2	NA
Winter_2024_2025	1A	Lisheen Tailing Ponds HH Watch	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	BZ	Buzzard	Buteo buteo	Green	No	1	NA
Winter_2024_2025	27C	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	41	Barnmore WS grazing fields
Winter_2024_2025	27C	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	Barnmore MS grazing fields
Winter_2024_2025	27	Bawnmore a)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	L.	Lapwing	Vanellus vanellus	Red	No	1	NA
Winter_2024_2025	27A	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	17	NA
Winter_2024_2025	27A	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MS	Mute Swan	Cygnus olor	Amber	No	4	NA
Winter_2024_2025	27A	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	1	NA
Winter_2024_2025	27A	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	NA
Winter_2024_2025	27B	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	4	NA
Winter_2024_2025	27B	Bawnmore b)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	21	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MS	Mute Swan	Cygnus olor	Amber	No	2	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MH	Moorhen	Gallinula chloropus	Green	No	2	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	8	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	SN	Snipe	Gallinago gallinago	Red	No	1	NA
Winter_2024_2025	28	Bawnmore c)	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1	NA
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	T.	Teal	Anas crecca	Amber	No	86	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WN	Wigeon	Anas penelope	Amber	No	284	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	L.	Lapwing	Vanellus vanellus	Red	No	1	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	SV	Shoveler	Anas clypeata	Red	No	15	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	CO	Coot	Fulica atra	Amber	No	15	Gilmoy pond
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MA	Mallard	Anas platyrhynchos	Amber	No	4	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WN	Wigeon	Anas penelope	Amber	No	317	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	T.	Teal	Anas crecca	Amber	No	39	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	CO	Coot	Fulica atra	Amber	No	24	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MH	Moorhen	Gallinula chloropus	Green	No	1	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	3	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	PT	Pintail	Anas acuta	Amber	No	1	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	MS	Mute Swan	Cygnus olor	Amber	No	1	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	760	Loughane turlough
Winter_2024_2025	22	The Loughane, Bailief	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	4790	Loughane turlough; at dusk to dark; night time gull roost
Winter_2024_2025	28	Bawnmore c)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	14	NA
Winter_2024_2025	28	Bawnmore c)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	NA
Winter_2024_2025	28	Bawnmore c)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MH	Moorhen	Gallinula chloropus	Green	No	1	NA

Winter_2024_2025	28	Bawnmore c)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	T.	Teal	Anas crecca	Amber	No	2	NA
Winter_2024_2025	27A	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MS	Mute Swan	Cygnus olor	Amber	No	4	NA
Winter_2024_2025	27A	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	15	NA
Winter_2024_2025	27A	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MH	Moorhen	Gallinula chloropus	Green	No	2	NA
Winter_2024_2025	27A	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	27B	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	1	NA
Winter_2024_2025	27B	Bawnmore b)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MH	Moorhen	Gallinula chloropus	Green	No	1	NA
Winter_2024_2025	27	Bawnmore a)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	L.	Lapwing	Vanellus vanellus	Red	No	2	NA
Winter_2024_2025	4A	Lisheen Mine Windfarm a)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	L.	Lapwing	Vanellus vanellus	Red	No	3	in display
Winter_2024_2025	4A	Lisheen Mine Windfarm a)	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	2	NA
Winter_2024_2025	11	Two Churches/Cheese factory	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	GJ	Greylag Goose	Anser anser	Amber	No	19	NA
Winter_2024_2025	11	Two Churches/Cheese factory	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	74	NA
Winter_2024_2025	10B	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	155	Gulls not to be added to total from hVP 22 as the large gull roost at hVP 22 lightly included all gulls from nearer hinterland
Winter_2024_2025	10B	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	62	Gulls not to be added to total from hVP 22 as the large gull roost at hVP 22 lightly included all gulls from nearer hinterland
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	14	Gulls not to be added to total from hVP 22 as the large gull roost at hVP 22 lightly included all gulls from nearer hinterland
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	16	Gulls not to be added to total from hVP 22 as the large gull roost at hVP 22 lightly included all gulls from nearer hinterland
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	T.	Teal	Anas crecca	Amber	No	21	NA
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	2	NA
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	CO	Coot	Fulica atra	Amber	No	4	NA
Winter_2024_2025	10	Littleton North	17-03-25	March	BP	12:45	15:40	8	V. Good	Dry	F3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	NA
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	2655	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	990	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	WN	Wigeon	Anas penelope	Amber	No	173	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	SV	Shoveler	Anas clypeata	Red	No	12	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	CO	Coot	Fulica atra	Amber	No	21	Loughane

Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	T.	Teal	Anas crecca	Amber	No	96	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	MA	Mallard	Anas platyrhynchos	Amber	No	8	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	MH	Moorhen	Gallinula chloropus	Green	No	2	Loughane
Spring_Migration_2025	22	The Loughane, Bailief	18-03-25	March	BP	05:55	07:15	8	V. Good	Dry	F3	E	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	Loughane
Winter_2024_2025	32	Boulick Graveyard & folly		January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	BZ	Buzzard	Buteo buteo	Green	No	1	Boulick castle
Winter_2024_2025	32	Boulick Graveyard & folly		January	BP	07:40	09:45	7-6	V. Good	Dry	F2-3	S	SG	Starling	Sturnus vulgaris	Amber	No	2	Boulick castle
Winter_2024_2026	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	WN	Wigeon	Anas penelope	Amber	No	9	Cabragh wetlands
Winter_2024_2027	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	GA	Gadwall	Anas strepera	Amber	No	2	Cabragh wetlands
Winter_2024_2028	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	51	Cabragh wetlands
Winter_2024_2029	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	SV	Shoveler	Anas clypeata	Red	No	4	Cabragh wetlands
Winter_2024_2030	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CO	Coot	Fulica atra	Amber	No	2	Cabragh wetlands
Winter_2024_2031	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	2	Cabragh wetlands
Winter_2024_2032	9	Cabragh Marshes b)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	MA	Mallard	Anas platyrhynchos	Amber	No	7	Cabragh wetlands
Winter_2024_2033	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	26	Cabragh wetlands; water level dropped considerably - birds hidden behind reeds
Winter_2024_2034	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	L.	Lapwing	Vanellus vanellus	Red	No	1	Cabragh wetlands; water level dropped considerably - birds hidden behind reeds
Winter_2024_2035	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	WN	Wigeon	Anas penelope	Amber	No	114	Cabragh wetlands; water level dropped considerably - birds hidden behind reeds
Winter_2024_2036	8	Cabragh Marshes a)	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CU	Curlew	Numenius arquata	Red	No	2	Cabragh wetlands; water level dropped considerably - birds hidden behind reeds
Winter_2024_2037	9	Cabragh Marshes a)	06-03-25	April	BP	07:15	11:35	3-7-3	V. Good	Dry	F3-5	SSW	CA	Cormorant	Phalacrocorax carbo	Amber	No	1	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	T.	Teal	Anas crecca	Amber	No	4	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	H.	Grey Heron	Ardea cinerea	Green	No	1	NA
Winter_2024_2025	18	Ballybrista on N62 Thurles to Templemore	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	CO	Coot	Fulica atra	Amber	No	3	NA
Winter_2024_2025	34	Rahelty Castle	05-03-25	March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	K.	Kestrel	Falco tinnunculus	Red	No	1	Rahealty castle
Winter_2024_2025	20	Castletown, north of Popes Bog		March	BP	07:15	11:35	3-7-2	V. Good	Dry	F3-4	SSW	PE	Peregrine	Falco peregrinus	Green	Yes	1	Maher quarry PE on nest site; eyrie occupied
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	LB	Lesser Black-backed Gull	Larus fuscus	Amber	No	45	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	9	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WS	Whooper Swan	Cygnus cygnus	Amber	Yes	2	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	L.	Lapwing	Vanellus vanellus	Red	No	11	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	CO	Coot	Fulica atra	Amber	No	6	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	WN	Wigeon	Anas penelope	Amber	No	205	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	T.	Teal	Anas crecca	Amber	No	36	Gilmoy pond
Winter_2024_2025	17	Gilmoy	05-03-25	March	BP	15:10	18:55	2-5-0	V. Good	Dry	F4-2	SW	SV	Shoveler	Anas clypeata	Red	No	24	Gilmoy pond; high count

Season	Code	SiteName	Date	Month	Surveyor	Start	End	Cloud	Visibility	Precipitation	WindSpeed	WindDirection	BTO	SpName	ScName	BOCCI	AnnexI	Quantity	Notes	GeneralNotes	Co-Ordinates
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5			
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	10			
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	7			
Winter_2020_2021	HVP45	Popes Bog (N)	21-03-21	MARCH	SK	07:05	13:30	4	Yes	light rain at times	1	E	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	11			
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	10			
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5			
Summer_2021	HVP45	Popes Bog (N)	09-04-21	APRIL	SK	07:00	13:30	4	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	9			
Summer_2021	HVP45	Popes Bog (N)	06-05-21	MAY	BP	10:00	13:00	4	Yes	Dry	3	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	06-05-21	MAY	BP	14:00	17:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Summer_2021	HVP45	Popes Bog (N)	03-06-21	JUNE	BP	09:45	12:45	8	Yes	Dry	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	03-06-21	JUNE	BP	09:45	12:45	8	Yes	Dry	5	S	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Winter_2021_2022	HVP45	Popes Bog (N)	27-01-22	JANUARY	BP	07:50	10:50	7	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	JUNE	BP	08:50	11:50	7	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	JUNE	BP	12:30	15:30	8	Yes	Dry	2	SW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			

Winter_2022_2023	HVP45	Popes Bog (N)	26-03-23	MARCH	BP	10:40	13:40	8	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Winter_2022_2023	HVP45	Popes Bog (N)	03-03-23	Spring Migration	BP	15:15	18:15	8	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	38			
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	08:30	11:30	5	Yes	Dry	2	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded			
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	5			
Summer_2023	HVP45	Popes Bog (N)	02-06-23	JUNE	BP	12:00	15:00	2	Yes	Dry	1	NE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	Not recorded			
Summer_2024	HVP45	Popes Bog (N)	24-04-24	APRIL	BP	07:50	10:50	6	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	24-04-24	APRIL	BP	07:50	10:50	6	Yes	Dry	2	NW	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	10-05-24	MAY	BP	10:30	13:30	1	Yes	Dry	3	SE	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	10:00	13:00	5	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			

Summer_2024	HVP45	Popes Bog (N)	01-06-24	JUNE	BP	13:30	16:30	2	Yes	Dry	3	N	BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	08/07/2024, 13:39										BH	Black-headed Gull	*Chroicocephalus ridibundus*	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	10:55	12:30	8	V. Good	Dry	4	SE	RP	Ringed Plover				2	roosting on bog		
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	10:55	12:30	8	V. Good	Dry	4	SE	MA	Mallard				1			
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					roding		
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					roding		
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					roding		
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					roding		
Summer_2023	HVP45	Popes Bog (N)	03-04-23	April	BP	18:50	21:00	8	V. Good	Dry	3	S	WK	Woodcock					roding		
Summer_2023	HVP45	Popes Bog (N)	05-04-23	April	BP	19:40	21:00	7	V. Good	Dry	2	NW	WK	Woodcock				1	roding		
Summer_2023	HVP45	Popes Bog (N)	05-04-23	April	BP	19:40	21:00	7	V. Good	Dry	2	NW	SN	Snipe				4	chipping and drumming (2 chipping/ 2 drumming)		
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	H.	Grey Heron				3			
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	SN	Snipe				1	chipping		
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	L.	Lapwing				4	displaying, DD		
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	L.	Lapwing				2	alarm calling, DD		
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	BH	Black-headed Gull				28			
Summer_2023	HVP45	Popes Bog (N)	31-05-23	June	BP	05:20	08:00	0	V. Good	Dry	2	NE	RP	Ringed Plover					calling		
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	RP	Ringed Plover				2	alarm calling		
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	MA	Mallard				3			
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	SN	Snipe				1	chipping		
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	CS	Common Sandpiper				1			
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	W.	Wheatear				3			
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	MP	Meadow Pipit				25			

Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	BH	Black-headed Gull						
Summer_2023	HVP45	Popes Bog (N)	19-07-23	July	BP	20:25	22:20	4	V. Good	Dry	2	not recorded	L.	Lapwing						
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	RP	Ringed Plover				2	on nest and alarm calling	
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	SN	Snipe				1	chipping	
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	MA	Mallard				6		
Summer_2024	HVP45	Popes Bog (N)	20-04-24	April	BP	08:30	10:40	4	V. Good	Dry	0	0	MH	Moorhen				3		
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	20:00	22:05	4	V. Good	Dry	2	not recorded	K.	Kestrel				1	hunting	
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	20:00	22:05	4	V. Good	Dry	2	not recorded	WK	Woodcock				1	roding	
Summer_2024	HVP45	Popes Bog (N)	08-05-24	May	BP	22:20	22:45	4	V. Good	Dry	2	not recorded	MA	Mallard				1	calling	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	chipping and drumming	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	alarm calling	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				3	alarm calling	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	chipping	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				2		
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	chipping	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1		
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1	alarm calling	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1		
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				1		
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	SN	Snipe				1	drumming	
Summer_2024	HVP45	Popes Bog (N)	31-05-24	May	BP	07:30	10:40	6	V. Good	Dry	3	not recorded	RP	Ringed Plover				2		
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	calling/preening	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	SN	Snipe				1	chipping	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	calling/preening	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	alarm calling	
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	calling	

Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				2	preening		
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	MA	Mallard				8	in moult		
Summer_2024	HVP45	Popes Bog (N)	07-07-24	July	BP	06:30	08:50	7	V. Good	Dry	1	not recorded	LG	Little Grebe				2			
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				1	preening		
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	SN	Snipe				1	chipping		
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	RP	Ringed Plover				4	alarm calling/feeding		
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	OD	Wood Sandpiper				1	feeding, migration		
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	MA	Mallard				2	feeding, migration		
Summer_2024	HVP45	Popes Bog (N)	31-07-24	July	BP	19:25	21:15	7	V. Good	Dry	1	not recorded	LG	Little Grebe				4			
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	MP	Meadow Pipit							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WW	Willow Warbler							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WR	Wren							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	R.	Robin							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	B.	Blackbird							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	M.	Mistle Thrush							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	HC	Hooded Crow							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	WP	Woodpigeon							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	ST	Song Thrush							
Summer_2024	HVP45	Popes Bog (N)	17-04-24	April	BP	10:35	11:15	8	V. Good	Dry	3	NW	CH	Chaffinch							
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				11	flying		
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				6	on water & flying		
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				2	pair together		
Summer_2021	HVP45	Popes Bog (N)	13-04-21	April	BP	09:00	11:00	3	V. Good	Dry	1	Not recorded	BH	Black-headed Gull				1	several flying about		
Summer_2021	HVP45	Popes Bog (N)	05-08-21	August	BP	06:05	08:10	8	V. Good	Dry	3	Not recorded	ET	Little Egret				1			
Summer_2021	HVP45	Popes Bog (N)	05-08-21	August	BP	06:05	08:10	8	V. Good	Dry	3	Not recorded	H.	Grey Heron				1			

Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				10	flushed		
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				1	chipping		
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				2	flushed		
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	SN	Snipe				2	drumming		
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	BZ	Buzzard				1			
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	HC	Hooded Crow				2			
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	MP	Meadow Pipit				2			
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	S.	Skylark				3			
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	R.	Robin				1			
Summer_2022	HVP45	Popes Bog (N)	02-04-22	April	BP	18:15	18:50	1-2	V. Good	Dry	F0-1	F0-1	WR	Wren				1			
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	H.	Grey Heron					flying to roost		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	SN	Snipe					flying, landing		
Summer_2022	HVP45	Popes Bog (N)	03-04-22	April	BP	20:20	20:40	7-8	V. Good	Dry	F2	F2	WK	Woodcock					roding		
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				3			
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				3			
Summer_2022	HVP45	Popes Bog (N)	07-05-22	May	BP	18:20	19:45	7	V. Good	Dry	F0-1	F0-1	MA	Mallard				4			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RO	Rook				8			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	SG	Starling				3			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	H.	Grey Heron				2			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	RB	Reed Bunting				2			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	MP	Meadow Pipit				5			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	S.	Skylark				1			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	JD	Jackdaw				2			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	M.	Mistle Thrush				1			

Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WR	Wren				1			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	WH	Whitethroat				1			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	HC	Hooded Crow				2			
Summer_2022	HVP45	Popes Bog (N)	16-06-22	June	BP	08:00	08:40	7	V. Good	Dry	F1-2	F1-2	CH	Chaffinch				1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	RP	Ringed Plover				6	DD, fledging freeding, then crouching still		
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	SM	Sand Martin				13			
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	BH	Black-headed Gull				2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22	June	BP	10:30	12:15	8	V. Good	Dry	F3	F3	LG	Little Grebe				1			
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	RP	Ringed Plover				2	alarm calling		
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	MH	Moorhen				1			
Summer_2022	HVP45	Popes Bog (N)	16-07-22	July	BP	06:30	08:15	3	V. Good	Dry	F0-1	F0-1	BZ	Buzzard				1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	D.	Dunnock	Prunella modularis	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	CH	Chaffinch	Fringilla coelebs	Green	No	5			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	8			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	LI	Linnet	Carduelis cannabina	Amber	No	2			

Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	BC	Blackcap	Sylvia atricapilla	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	CT	Coal Tit	Periparus ater	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	JD	Jackdaw	Corvus monedula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	07:02	07:49		Moderate	Dry	0	F0	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	HC	Hooded Crow	Corvus cornix	Green	No	1			

Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	CC	Chiffchaff	Phylloscopus collybita	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	08:23	08:48		Good-V. good	Dry	0	F0	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	R.	Robin	Erithacus rubecula	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	3			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	GT	Great Tit	Parus major	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	MG	Magpie	Pica pica	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	CK	Cuckoo	Cuculus canorus	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	18-05-21		BP	07:17	07:46		V. Good	Dry	1	S	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	R.	Robin	Erithacus rubecula	Green	No	3			

Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	LI	Linnet	Carduelis cannabina	Amber	No	4			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CH	Chaffinch	Fringilla coelebs	Green	No	5			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	Y.	Yellowhammer	Emberiza citrinella	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WR	Wren	Troglodytes troglodytes	Green	No	9			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	RO	Rook	Corvus frugilegus	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	B.	Blackbird	Turdus merula	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	D.	Dunnock	Prunella modularis	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	B.	Blackbird	Turdus merula	Green	No	3			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	MG	Magpie	Pica pica	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	GT	Great Tit	Parus major	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	S.	Skylark	Alauda arvensis	Amber	No	4			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	WR	Wren	Troglodytes troglodytes	Green	No	1			

Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	RO	Rook	Corvus frugilegus	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	JD	Jackdaw	Corvus monedula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	L.	Lapwing	Vanellus vanellus	Red	No	2			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	CK	Cuckoo	Cuculus canorus	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	19-05-21		BP	07:06	08:03		V. Good	Dry	1	SE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WR	Wren	Troglodytes troglodytes	Green	No	6			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	D.	Dunnock	Prunella modularis	Green	No	3			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	CH	Chaffinch	Fringilla coelebs	Green	No	4			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	LI	Linnet	Carduelis cannabina	Amber	No	3			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	GT	Great Tit	Parus major	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	GC	Goldcrest	Regulus regulus	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	R.	Robin	Erithacus rubecula	Green	No	3			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	4			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	WR	Wren	Troglodytes troglodytes	Green	No	5			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	R.	Robin	Erithacus rubecula	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	S.	Skylark	Alauda arvensis	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	CH	Chaffinch	Fringilla coelebs	Green	No	3			

Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	M.	Mistle Thrush	Turdus viscivorus	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	K.	Kestrel	Falco tinnunculus	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	10:06	11:03		V. Good	Dry	2	N	PH	Pheasant	Phasianus colchicus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	BZ	Buzzard	Buteo buteo	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	01-04-21		BP	11:20	11:51		V. Good	Dry	3	N	H.	Grey Heron	Ardea cinerea	Green	No	1			

Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WH	Whitethroat	Sylvia communis	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	M.	Mistle Thrush	Turdus viscivorus	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	3			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	RN	Raven	Corvus corax	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	BC	Blackcap	Sylvia atricapilla	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	07:15	07:58		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	R.	Robin	Erithacus rubecula	Green	No	3			

Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	5			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	6			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	D.	Dunnock	Prunella modularis	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	CH	Chaffinch	Fringilla coelebs	Green	No	3			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	GT	Great Tit	Parus major	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	3			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	S.	Skylark	Alauda arvensis	Amber	No	2			

Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BC	Blackcap	Sylvia atricapilla	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	SM	Sand Martin	Riparia riparia	Amber	No	2			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	LG	Little Grebe	Tachybaptus ruficollis	Green	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	RO	Rook	Corvus frugilegus	Green	No	16			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	1			
Summer_2022	HVP45	Popes Bog (N)	17-06-22		BP	08:20	09:27		V. Good	Dry	3	SW	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	6			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	5			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	LT	Long-tailed Tit	Aegithalos caudatus	Green	No	1			

Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	4			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	S.	Skylark	Alauda arvensis	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	JD	Jackdaw	Corvus monedula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PW	Pied/White Wagtail	Motacilla alba	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	17:42	18:38		V. Good	Dry	2	SE	PE	Peregrine	Falco peregrinus	Green	Yes	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	GT	Great Tit	Parus major	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	WR	Wren	Troglodytes troglodytes	Green	No	1			

Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	02-04-23		BP	18:48	19:20		V. Good	Dry	2	SE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	D.	Dunnock	Prunella modularis	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	H.	Grey Heron	Ardea cinerea	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	CK	Cuckoo	Cuculus canorus	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MA	Mallard	Anas platyrhynchos	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	2			

Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	7			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	08:30	09:17		V. Good	Dry	2	NE	BC	Blackcap	Sylvia atricapilla	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GO	Goldfinch	Carduelis carduelis	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	6			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	5			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	6			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	D.	Dunnock	Prunella modularis	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	4			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MG	Magpie	Pica pica	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GT	Great Tit	Parus major	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	GC	Goldcrest	Regulus regulus	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BT	Blue Tit	Cyanistes caeruleus	Green	No	2			

Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	4			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WH	Whitethroat	Sylvia communis	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BC	Blackcap	Sylvia atricapilla	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MG	Magpie	Pica pica	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	CH	Chaffinch	Fringilla coelebs	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	PH	Pheasant	Phasianus colchicus	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	S.	Skylark	Alauda arvensis	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	1			

Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	LI	Linnet	Carduelis cannabina	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	SM	Sand Martin	Riparia riparia	Amber	No	7			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	L.	Lapwing	Vanellus vanellus	Red	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BH	Black-headed Gull	Chroicocephalus ridibundus	Amber	No	16			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	HC	Hooded Crow	Corvus cornix	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	RO	Rook	Corvus frugilegus	Green	No	6			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	09:40	10:37		V. Good	Dry	2	NE	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	10			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	3			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CH	Chaffinch	Fringilla coelebs	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BT	Blue Tit	Cyanistes caeruleus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BF	Bullfinch	Pyrrhula pyrrhula	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	4			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	2			

Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MH	Moorhen	Gallinula chloropus	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	7			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	4			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CH	Chaffinch	Fringilla coelebs	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RO	Rook	Corvus frugilegus	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	S.	Skylark	Alauda arvensis	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	SN	Snipe	Gallinago gallinago	Red	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	GT	Great Tit	Parus major	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	HC	Hooded Crow	Corvus cornix	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RO	Rook	Corvus frugilegus	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	RN	Raven	Corvus corax	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	PW	Pied/White Wagtail	Motacilla alba	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	LI	Linnet	Carduelis cannabina	Amber	No	3			

Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	BT	Blue Tit	Cyanistes caeruleus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WP	Woodpigeon	Columba palumbus	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	4			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	B.	Blackbird	Turdus merula	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	CC	Chiffchaff	Phylloscopus collybita	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	ST	Song Thrush	Turdus philomelos	Green	No	1			

Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MA	Mallard	Anas platyrhynchos	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2024	HVP45	Popes Bog (N)	20-04-24		BP	06:13	07:20		V. Good	Dry	0	variable	W.	Wheatear	Oenanthe oenanthe	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	6			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	BC	Blackcap	Sylvia atricapilla	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	8			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	4			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	SK	Siskin	Carduelis spinus	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	SK	Siskin	Carduelis spinus	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	4			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	S.	Skylark	Alauda arvensis	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	6			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	6			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	D.	Dunnock	Prunella modularis	Green	No	3			

Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	5			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	PW	Pied/White Wagtail	Motacilla alba	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	S.	Skylark	Alauda arvensis	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	SM	Sand Martin	Riparia riparia	Amber	No	4			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	BZ	Buzzard	Buteo buteo	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	HC	Hooded Crow	Corvus cornix	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RO	Rook	Corvus frugilegus	Green	No	39			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	CK	Cuckoo	Cuculus canorus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	RN	Raven	Corvus corax	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	05:17	06:24		V. Good	Dry	2	NW	MG	Magpie	Pica pica	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	2			

Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	LI	Linnet	Carduelis cannabina	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	3			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	5			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MA	Mallard	Anas platyrhynchos	Amber	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	CH	Chaffinch	Fringilla coelebs	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WA	Water Rail	Rallus aquaticus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WH	Whitethroat	Sylvia communis	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	M.	Mistle Thrush	Turdus viscivorus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	CK	Cuckoo	Cuculus canorus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	PH	Pheasant	Phasianus colchicus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	RP	Ringed Plover	Charadrius hiaticula	Amber	No	1			

Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WP	Woodpigeon	Columba palumbus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	31-05-24		BP	06:38	07:18		V. Good	Dry	2	NW	MH	Moorhen	Gallinula chloropus	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	LR	Lesser Redpoll	Carduelis cabaret	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	WR	Wren	Troglodytes troglodytes	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SN	Snipe	Gallinago gallinago	Red	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	D.	Dunnock	Prunella modularis	Green	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SG	Starling	Sturnus vulgaris	Amber	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	SC	Stonechat	Saxicola rubicola	Green	No	2			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	L.	Lapwing	Vanellus vanellus	Red	No	1			
Summer_2021	HVP45	Popes Bog (N)	13-04-21		BP	17:50	18:30		V. Good	Dry	1	NE	PC	Parrot Crossbill	Loxia pytyopsittacus	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	S.	Skylark	Alauda arvensis	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SC	Stonechat	Saxicola rubicola	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	LI	Linnet	Carduelis cannabina	Amber	No	7			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SL	Swallow	Hirundo rustica	Amber	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	MP	Meadow Pipit	Anthus pratensis	Red	No	5			

Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	GO	Goldfinch	Carduelis carduelis	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SG	Starling	Sturnus vulgaris	Amber	No	4			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	SN	Snipe	Gallinago gallinago	Red	No	1			
Summer_2023	HVP45	Popes Bog (N)	14-04-23		BP	11:25	12:10		V. Good	Dry	3	NW	JD	Jackdaw	Corvus monedula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SL	Swallow	Hirundo rustica	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	ST	Song Thrush	Turdus philomelos	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	S.	Skylark	Alauda arvensis	Amber	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SC	Stonechat	Saxicola rubicola	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	MP	Meadow Pipit	Anthus pratensis	Red	No	6			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	MG	Magpie	Pica pica	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	RB	Reed Bunting	Emberiza schoeniclus	Green	No	3			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	SG	Starling	Sturnus vulgaris	Amber	No	2			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	GO	Goldfinch	Carduelis carduelis	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	R.	Robin	Erithacus rubecula	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2023	HVP45	Popes Bog (N)	30-05-23		BP	07:15	07:50		V. Good	Dry	1	NE	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	S.	Skylark	Alauda arvensis	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	WW	Willow Warbler	Phylloscopus trochilus	Amber	No	1			

Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	B.	Blackbird	Turdus merula	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	SL	Swallow	Hirundo rustica	Amber	No	3			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	SG	Starling	Sturnus vulgaris	Amber	No	4			
Summer_2024	HVP45	Popes Bog (N)	18-04-24		BP	14:30	15:00		V. Good	Dry	3	W	LI	Linnet	Carduelis cannabina	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	PW	Pied/White Wagtail	Motacilla alba	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	S.	Skylark	Alauda arvensis	Amber	No	5			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	ST	Song Thrush	Turdus philomelos	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	WR	Wren	Troglodytes troglodytes	Green	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	MP	Meadow Pipit	Anthus pratensis	Red	No	4			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	RB	Reed Bunting	Emberiza schoeniclus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	HC	Hooded Crow	Corvus cornix	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	LI	Linnet	Carduelis cannabina	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SC	Stonechat	Saxicola rubicola	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SG	Starling	Sturnus vulgaris	Amber	No	3			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SL	Swallow	Hirundo rustica	Amber	No	2			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	SK	Siskin	Carduelis spinus	Green	No	1			
Summer_2024	HVP45	Popes Bog (N)	01-06-24		BP	08:22	08:50		V. Good	Dry	1	N	WH	Whitethroat	Sylvia communis	Green	No	1			

Date	Surveyor	VP	Time	on ground/ water	No @ 0-20m	Seconds @ 0-20m	No @ 20-50m	Seconds @ 20-50m	No @50-100m	Seconds @50-100m	No. @ 100-200	Seconds. @ 100-220	Notes
16-04-21	GP	4	07:00	150	4		1						
16-04-21	GP	4	07:15	150	2								
16-04-21	GP	4	07:30	150	3								
16-04-21	GP	4	07:45	150	5								
16-04-21	GP	4	08:00	150	8								
16-04-21	GP	4	08:15	150	0								
16-04-21	GP	4	08:30	150	6		4						
16-04-21	GP	4	08:45	150	2								
16-04-21	GP	4	09:00	150	4		1						
16-04-21	GP	4	09:15	150	6		4						
16-04-21	GP	4	09:30	150	2								
16-04-21	GP	4	09:45	150	4								
16-04-21	GP	4	10:00	150	3								
16-04-21	GP	4	10:30	150	8								
16-04-21	GP	4	10:45	200	5								
16-04-21	GP	4	11:00	200	2								
16-04-21	GP	4	11:15	200	4								
16-04-21	GP	4	11:30	200	3		2						
16-04-21	GP	4	11:45	200	5								
16-04-21	GP	4	12:00	200	5								
16-04-21	GP	4	12:15	0	8		20		200				BH evading Peregrine which soared above colony for 10mins
16-04-21	GP	4	12:30	0	0								
16-04-21	GP	4	12:45	40	40								BH returning to colony after PE incident
16-04-21	GP	4	13:00	200	4								
16-04-21	GP	4	13:15	200	6		1						
16-04-21	GP	4	13:30	200	7								
24-04-21	GP	14	09:00	200	2		3		2				limited view of northern BH colony; birds on ground or water can not be seen from VP14
24-04-21	GP	14	09:15	200	1								
24-04-21	GP	14	09:30	200	1								
24-04-21	GP	14	09:45	200	1		1						
24-04-21	GP	14	10:00	200	1		6						
24-04-21	GP	14	10:15	200	1		1						
24-04-21	GP	14	10:30	200	2								
24-04-21	GP	14	10:45	200	0								
24-04-21	GP	14	11:00	200	1		2						
24-04-21	GP	14	11:30	200	2		2		1				
24-04-21	GP	14	11:45	200	1		1						
24-04-21	GP	14	12:00	200			1						
06-05-21	GP	4	07:00	150	6		1		0				
06-05-21	GP	4	07:15	150	2		2		0				
06-05-21	GP	4	07:30	150	2		8		0				
06-05-21	GP	4	07:45	150	47		3		0				mobbing otter
06-05-21	GP	4	08:00	150	6		4		0				
06-05-21	GP	4	08:15	150	7		7		3				
06-05-21	GP	4	08:30	150	8		2		2				
06-05-21	GP	4	08:45	150	4		3		3				

06-05-21	GP	4	09:00	150	7		1		0				
06-05-21	GP	4	09:15	150	23		3		1				
06-05-21	GP	4	09:30	150	5		0		0				
06-05-21	GP	4	09:45	150	6		0		3				
06-05-21	GP	4	10:00	150	2		3		0				
06-05-21	GP	4	10:30	150	6		3		1				
06-05-21	GP	4	10:45	150	7		0		1				
06-05-21	GP	4	11:00	150	6		1		0				
06-05-21	GP	4	11:15	150	7		0		2				
06-05-21	GP	4	11:30	150	5		1		1				
06-05-21	GP	4	11:45	150	4		1		0				
06-05-21	GP	4	12:00	150	8		0		0				
06-05-21	GP	4	12:15	150	3		0		0				
06-05-21	GP	4	12:30	150	4		0		0				
06-05-21	GP	4	12:45	150	4		4		0				
06-05-21	GP	4	13:00	150	8		0		0				
06-05-21	GP	4	13:15	150	2		0		0				
06-05-21	GP	4	13:30	150	8		3		0				
07-05-21	GP	1	13:10	2	1		1		0				
07-05-21	GP	1	13:25	1	2		0		0				
07-05-21	BP	1	13:40	0	2		0		0				
07-05-21	BP	1	13:55	0	0		0		0				
07-05-21	BP	1	14:10	0	0		1		0				
07-05-21	BP	1	14:25	0	0		0		0				
07-05-21	BP	1	14:40	2	0		0		0				
07-05-21	BP	1	14:55	0	1		0		0				
07-05-21	BP	1	15:10	0	1		0		0				
07-05-21	BP	1	15:25	0	0		0		0				
07-05-21	BP	1	15:40	0	0		1		1				
07-05-21	BP	1	15:55	0	0		0		0				
07-05-21	BP	1	16:10	0	0		0		0				
07-05-21	BP	7	10:15	200	14		10		0				
07-05-21	BP	7	10:30	200	8		4		0				
07-05-21	BP	7	10:45	200	6		9		0				
07-05-21	BP	7	11:00	200	5		6		0				
07-05-21	BP	7	11:15	200	2		8		1				
07-05-21	BP	7	11:30	200	15		8		0				
07-05-21	BP	7	11:45	200	37		15		0				mobbing Grey Heron
07-05-21	BP	7	12:00	200	1		4		0				
07-05-21	BP	7	12:15	200	10		2		0				
07-05-21	BP	7	12:30	200	1		2		1				
07-05-21	BP	7	12:45	200	50		25		0				no predator seen
07-05-21	BP	7	13:00	200	6		2		0				
07-05-21	BP	14	13:45		1		4		0				limited view of northern BH colony; birds on ground or water can not be seen from VP14
07-05-21	BP	14	14:00		2		6		1				
07-05-21	BP	14	14:15		1		4		0				
07-05-21	BP	14	14:30		1		10		0				
07-05-21	BP	14	14:45		0		0		0				
07-05-21	BP	14	15:00		0		0		0				

07-05-21	BP	14	15:15		1		3		0			
07-05-21	BP	14	15:30		2		15		1			
07-05-21	BP	14	15:45		8		1		0			
07-05-21	BP	14	16:00		2		3		6			
07-05-21	BP	14	16:15		1		8		4			
07-05-21	BP	14	16:30		3		6		1			
15-05-21	GP	7	10:30	200	25		30		7			
15-05-21	GP	7	10:45	200	4		3		1			
15-05-21	GP	7	11:00	200	3		7		4			
15-05-21	GP	7	11:15	200	4		10		6			
15-05-21	GP	7	11:30	200	3		5		1			
15-05-21	GP	7	11:45	200	10		3		0			
15-05-21	GP	7	12:00	200	4		5		0			
15-05-21	GP	7	12:15	200	25		60		4			disturbed by dog walkers
15-05-21	GP	7	12:30	200	40		40		6			disturbed by dog walkers
15-05-21	GP	7	12:45	200	7		20		0			
15-05-21	GP	7	13:00	200	4		18		0			
15-05-21	GP	7	13:15	200	20		50		0			disturbed by dog walkers
15-05-21	GP	7	13:30	200	12		15		2			
17-05-21	BP	1	16:00	2	1							
17-05-21	BP	1	16:15	0	2							
17-05-21	BP	1	16:30	1	1							
17-05-21	BP	1	16:45	0	0							
17-05-21	BP	1	17:00	0	1							
17-05-21	BP	1	17:15	0	0							
17-05-21	BP	1	17:30	0	1							
17-05-21	BP	1	17:45	0	2							
17-05-21	BP	1	18:00	0	0							
17-05-21	BP	1	18:15	1	1							
17-05-21	BP	1	18:30	0	3							
17-05-21	BP	1	18:45	0	1							
17-05-21	BP	1	19:00	0	2							
22-05-21	GP	14	10:15		0		5		0		0		limited view of northern BH colony; birds on ground or water can not be seen from VP14
22-05-21	GP	14	10:30		2		0		0		0	
22-05-21	GP	14	10:45		0		18		6		0	
22-05-21	GP	14	11:00		0		0		0		0	
22-05-21	GP	14	11:15		1		0		0		0	
22-05-21	GP	14	11:30		2		4		3		0	
22-05-21	GP	14	11:45		4		20		4		0	
22-05-21	GP	14	12:00		1		4		2		0	
22-05-21	GP	14	12:15		6		15		3		0	
22-05-21	GP	14	12:30		2		2		0		0	
22-05-21	GP	14	12:45		8		10		0		0	
22-05-21	GP	14	13:00		0		1		0		0	
22-05-21	GP	14	13:15		2		3		0		0	
01-06-21	GP	14	09:45		2		0		0		0		limited view of northern BH colony; birds on ground or water can not be seen from VP14
01-06-21	BP	14	10:00		1		0		0		0	
01-06-21	BP	14	10:15		6		0		0		0	

01-06-21	BP	14	10:30		1		0		0		0	
01-06-21	BP	14	10:45									
01-06-21	BP	14	11:00		0		3		0		0	
01-06-21	BP	14	11:15		1		0		0		0	
01-06-21	BP	14	11:30		1		0		0		0	
01-06-21	BP	14	11:45		0		0		1		0	
01-06-21	BP	14	12:00		0		0		5		0	
01-06-21	BP	14	12:15		1		2		0		0	
01-06-21	BP	14	12:30		2		0		0		0	
01-06-21	BP	14	12:45		5		1		0		0	
05-06-21	BP	7	10:15	90	15		45		0		0	water level down 18 inches since last month.
05-06-21	BP	7	10:30	90	7		8		0		0	75% less BH at northern section of colony
05-06-21	BP	7	10:45	90	6		10		0		0	
05-06-21	BP	7	11:00	90	7		2		0		0	
05-06-21	BP	7	11:15	90	5		4		0		0	
05-06-21	BP	7	11:30	90	9		2		0		0	
05-06-21	BP	7	11:45	90	35		10		0		0	
05-06-21	BP	7	12:00	90	7		0		0		0	
05-06-21	BP	7	12:15	90	9		1		0		0	
05-06-21	BP	7	12:30	90	24		0		0		0	
05-06-21	BP	7	12:45	90	11		19		0		0	
05-06-21	BP	7	13:00	90	4		6		0		0	
05-06-21	BP	7	13:15	90	30		25		0		0	
05-06-21	BP	14	13:45		3		1		1		0	limited view of northern BH colony; birds on ground or water can not be seen from VP14
05-06-21	BP	14	14:00		1		0		1		0	
05-06-21	BP	14	14:15		2		1		0		0	
05-06-21	BP	14	14:30		0		0		0		0	
05-06-21	BP	14	14:45		2		0		0		0	
05-06-21	BP	14	15:00		1		0		0		0	
05-06-21	BP	14	15:15		0		1		0		0	
05-06-21	BP	14	15:30		0		0		0		0	
05-06-21	BP	14	15:45		4		0		0		0	
05-06-21	BP	14	16:00		2		2		0		0	
05-06-21	BP	14	16:15		1		0		2		0	
05-06-21	BP	14	16:30		2		0		0		0	
10-06-21	BP	4	07:00	28	2		2		0		0	
10-06-21	BP	4	07:15	28	2		0		0		0	
10-06-21	BP	4	07:30	28	5		0		1		0	
10-06-21	BP	4	07:45	28	8		2		0		0	
10-06-21	BP	4	08:00	28	3		0		0		0	
10-06-21	BP	4	08:15	28	3		0		0		0	
10-06-21	BP	4	08:30	28	1		0		0		0	
10-06-21	BP	4	08:45	28	0		1		0		0	
10-06-21	BP	4	09:00	28	4		1		0		3	
10-06-21	BP	4	09:15	28	8		0		0		0	
10-06-21	BP	4	09:30	28	8		1		0		0	
10-06-21	BP	4	09:45	28	9		1		0		0	
10-06-21	BP	4	10:30	28	7		0		0		0	
10-06-21	BP	4	10:45	28	3		1		0		0	

10-06-21	BP	4	11:00	28	6		0		0		0		
10-06-21	BP	4	11:15	28	0		0		0		0		
10-06-21	BP	4	11:30	28	1		0		0		0		
10-06-21	BP	4	11:45	28	1		0		0		0		
10-06-21	BP	4	12:00	28	5		0		0		0		
10-06-21	BP	4	12:15	28	2		1		0		0		
10-06-21	BP	4	12:30	28	0		0		0		0		
10-06-21	BP	4	12:45	28	14		1		0		0		
10-06-21	BP	4	13:00	28	4		0		0		0		
10-06-21	BP	4	13:15	28	2		0		0		0		
15-06-21	BP	13	07:30	4	2		1						BH colony esablished here, sitting birds not visible from VP13
15-06-21	BP	13	07:45	5	1		3						
15-06-21	BP	13	08:00	7	2								
15-06-21	BP	13	08:15	7	1								
15-06-21	BP	13	08:30	3									
15-06-21	BP	13	08:45	3	1		2						
15-06-21	BP	13	09:00	2			3						
15-06-21	BP	13	09:15	3	1		1						
15-06-21	BP	13	09:30	1	2		1						
15-06-21	BP	13	09:45	6	1		1						
15-06-21	BP	13	10:00	5	4								
15-06-21	BP	13	10:15	7	2								
15-06-21	BP	13	10:30	1	18								
16-06-21	BP	13	15:00	7	3								
16-06-21	BP	13	15:15	2	5								
16-06-21	BP	13	15:30	6	3								
16-06-21	BP	13	15:45	6	3		1						
16-06-21	BP	13	16:00	8	2		1						
16-06-21	BP	13	16:15	11			3						
16-06-21	BP	13	16:30	12	2								
16-06-21	BP	13	16:45	13	2								
16-06-21	BP	13	17:00	14	2								
16-06-21	BP	13	17:15	14	2								
16-06-21	BP	13	17:30	10	1						1		
16-06-21	BP	13	17:45	2	16		1						
16-06-21	BP	13	18:00	15	2								
19-06-21	BP	7	10:30	90	48		6		1				
19-06-21	BP	7	10:45		19		4		0		0		
19-06-21	BP	7	11:00		15		1		0		0		
19-06-21	BP	7	11:15		18		0		0		0		
19-06-21	BP	7	11:30		16		0		0		0		
19-06-21	BP	7	11:45		8		10		4		0		mobbing BZ
19-06-21	BP	7	12:00		7		2		0		0		
19-06-21	BP	7	12:15		10		0		0		0		
19-06-21	BP	7	12:30										
19-06-21	BP	7	12:45		45		6		0		0		disturbed by quad bikers
19-06-21	BP	7	13:00		20		10		2		0		
19-06-21	BP	7	13:15		13		0		0		0		
10-07-21	BP	7	10:15		12								total 29 including 8 juveniles
10-07-21	BP	7	10:30		6								total 29 including 8 juveniles

10-07-21	BP	7	10:45		3								total 29 including 8 juveniles
10-07-21	BP	7	11:00		2								total 29 including 8 juveniles
10-07-21	BP	7	11:15		2		1						total 29 including 8 juveniles
10-07-21	BP	7	11:30		4		3						total 29 including 8 juveniles
10-07-21	BP	7	11:45		6		2						total 29 including 8 juveniles
10-07-21	BP	7	12:00		2		1						total 29 including 8 juveniles
10-07-21	BP	7	12:15		6		1						total 29 including 8 juveniles
10-07-21	BP	7	12:30		7								total 29 including 8 juveniles
10-07-21	BP	7	12:45		2								total 29 including 8 juveniles
10-07-21	BP	7	13:00		2								total 29 including 8 juveniles
10-07-21	BP	7	13:15		2								total 29 including 8 juveniles
12-03-22	GP	7	11:00		7		1		0				6 on ground, 65 flying
12-03-22	GP	7	11:15		3		2		0				
12-03-22	GP	7	11:30		10		1		0				
12-03-22	GP	7	11:45		32		0		0				
12-03-22	GP	7	12:00		19		0		0				
12-03-22	GP	7	12:15		4		2		2				
12-03-22	GP	7	12:30		5		2		0				
12-03-22	GP	7	12:45		0		0		0				
12-03-22	GP	7	13:00		0		12		0				
12-03-22	GP	7	13:15		2		5		3				
12-03-22	GP	7	13:30		3		0		0				
12-03-22	GP	7	13:45		0		11		0				
12-03-22	GP	7	14:00		0		47		5				
12-03-22	GP	14	14:30						3				total BH on ground/water and flying 28
12-03-22	GP	14	14:45						2				
12-03-22	GP	14	15:00						7				
12-03-22	GP	14	15:15						0				
12-03-22	GP	14	15:30						0				
12-03-22	GP	14	15:45						0				
12-03-22	GP	14	16:00						29				
12-03-22	GP	14	16:15						2				
12-03-22	GP	14	16:30						0				
12-03-22	GP	14	16:45						0				
12-03-22	GP	14	17:00						0				
12-03-22	GP	14	17:15						0				
12-03-22	GP	14	17:30						0				
12-03-22	GP	14	17:45						0				
18-03-22	BP	13	09:45		7		4						
18-03-22	BP	13	10:00		6		2						
18-03-22	BP	13	10:15		6		4						
18-03-22	BP	13	10:30		5		8		1				
18-03-22	BP	13	10:45		5				3				
18-03-22	BP	13	11:00		4		1						
18-03-22	BP	13	11:15		1		4		1				
18-03-22	BP	13	11:30		1								
18-03-22	BP	13	11:45		4		1						
18-03-22	BP	13	12:00		4								
18-03-22	BP	13	12:15		4								
18-03-22	BP	13	12:30		4		1						

18-03-22	BP	13	12:45				2						
19-03-22	GP	7	10:30		7		1		0				
19-03-22	GP	7	10:45		3		2		0				
19-03-22	GP	7	11:00		10		1		0				
19-03-22	GP	7	11:15		32		0		0				
19-03-22	GP	7	11:30		19		0		0				
19-03-22	GP	7	11:45		4		2		0				
19-03-22	GP	7	12:00		5		2		0				
19-03-22	GP	7	12:15		6		0		0				
19-03-22	GP	7	12:30		1		0		0				
19-03-22	GP	7	12:45		3		2		0				
19-03-22	GP	7	13:00		1		16		0				
19-03-22	GP	7	13:15		0		2		0				
19-03-22	GP	7	13:30		3		0		0				
03-04-22	KC	4	12:15	4		0		0		0		0	
03-04-22	KC	4	12:30	2		0		0		0		0	
03-04-22	KC	4	12:45	2	1	900		0		0		0	
03-04-22	KC	4	13:00			0		0		0		0	
03-04-22	KC	4	13:15			0		0		0		0	
03-04-22	KC	4	13:30	2	5	4500		0		0		0	
03-04-22	KC	4	13:45	3		0		0		0		0	
03-04-22	KC	4	14:00	6	2	1800	2	1800		0		0	
03-04-22	KC	4	14:15	7	3	2700		0		0		0	
03-04-22	KC	4	14:30	2	5	4500	2	1800	1	900		0	
03-04-22	KC	4	14:45	6		0		0	3	2700		0	
03-04-22	KC	4	15:00	4	9	8100		0		0		0	
03-04-22	KC	4	15:15	3	5	4500	2	1800		0		0	
04-04-22	BP	4	08:30			0		0		0		0	
04-04-22	BP	4	08:45			0		0		0		0	
04-04-22	BP	4	09:00		3	2700	1	900		0		0	
04-04-22	BP	4	09:15			0	1	900		0		0	
04-04-22	BP	4	09:30			0		0		0		0	
04-04-22	BP	4	09:45		1	900		0		0		0	
04-04-22	BP	4	10:00	1	5	4500		0		0		0	
04-04-22	BP	4	10:15	3	1	900		0		0		0	
04-04-22	BP	4	10:30	5	1	900		0		0		0	
04-04-22	BP	4	10:45	3	4	3600		0		0		0	
04-04-22	BP	4	11:00	4	2	1800		0		0		0	
04-04-22	BP	4	11:15	9		0		0		0		0	
04-04-22	BP	4	11:30	1	1	900		0		0		0	
08-04-22	BP	13	14:30	4		0		0		0		0	
08-04-22	BP	13	14:45	4		0		0		0		0	
08-04-22	BP	13	15:00			0		0		0		0	
08-04-22	BP	13	15:15	3		0		0		0		0	
08-04-22	BP	13	15:30	3		0		0		0		0	
08-04-22	BP	13	15:45	3		0	3	2700		0		0	
08-04-22	BP	13	16:00	4		0		0		0		0	
08-04-22	BP	13	16:15	7		0		0		0		0	
08-04-22	BP	13	16:30	4	1	900		0		0		0	
08-04-22	BP	13	16:45	3		0		0	1	900		0	

08-04-22	BP	13	17:00	6	2	1800		0		0		0	
08-04-22	BP	13	17:15	7	1	900		0		0		0	
08-04-22	BP	13	17:30	3		0		0		0		0	
09-04-22	GP	7	08:00		2	1800		0		0		0	
09-04-22	GP	7	08:15		1	900		0		0		0	
09-04-22	GP	7	08:30		2	1800	1	900		0		0	
09-04-22	GP	7	08:45		3	2700	1	900		0		0	
09-04-22	GP	7	09:00		2	1800	3	2700		0		0	
09-04-22	GP	7	09:15		1	900	4	3600		0		0	
09-04-22	GP	7	09:30		6	5400	5	4500		0		0	
09-04-22	GP	7	09:45		1	900	7	6300		0		0	
09-04-22	GP	7	10:00		0	0	11	9900	3	2700		0	
09-04-22	GP	7	10:15		0	0	1	900		0		0	
09-04-22	GP	7	10:30		2	1800	2	1800	3	2700		0	
09-04-22	GP	7	10:45		3	2700	9	8100		0		0	
09-04-22	GP	14	11:30		1	900		0		0		0	
09-04-22	GP	14	11:45			0	2	1800		0		0	
09-04-22	GP	14	12:00			0		0		0		0	
09-04-22	GP	14	12:15			0	4	3600		0		0	
09-04-22	GP	14	12:30			0		0		0		0	
09-04-22	GP	14	12:45		2	1800		0		0		0	
09-04-22	GP	14	13:00			0		0		0		0	
09-04-22	GP	14	13:15			0		0		0		0	
09-04-22	GP	14	13:30			0		0		0		0	
09-04-22	GP	14	13:45			0		0		0		0	
09-04-22	GP	14	14:00			0		0		0		0	
09-04-22	GP	14	14:15			0		0		0		0	
09-04-22	GP	14	14:30			0		0		0		0	
10-04-22	BP	13	11:40	6		0		0		0		0	
10-04-22	BP	13	11:55	4	2	1800		0		0		0	
10-04-22	BP	13	12:10	2		0		0		0		0	
10-04-22	BP	13	12:25	3	1	900		0		0		0	
10-04-22	BP	13	12:40	3		0		0		0		0	
10-04-22	BP	13	12:55	3		0		0		0		0	
10-04-22	BP	13	13:10	2		0		0		0		0	
10-04-22	BP	13	13:25	2		0		0		0		0	
10-04-22	BP	13	13:40	2	4	3600	2	1800		0		0	
10-04-22	BP	13	13:55	8		0		0		0		0	
10-04-22	BP	13	14:10			0		0		0		0	
10-04-22	BP	13	14:25	1		0		0		0		0	
10-04-22	BP	13	14:40	1		0		0		0		0	
16-04-22	GP	7	07:00		10	9000	2	1800		0		0	
16-04-22	GP	7	07:15		12	10800	4	3600	12	10800		0	
16-04-22	GP	7	07:30		15	13500		0		0		0	
16-04-22	GP	7	07:45		13	11700	6	5400	7	6300		0	
16-04-22	GP	7	08:00		18	16200	5	4500		0		0	
16-04-22	GP	7	08:15		20	18000	6	5400		0		0	
16-04-22	GP	7	08:30		9	8100	2	1800		0		0	
16-04-22	GP	7	08:45		12	10800	5	4500	2	1800	6	5400	
16-04-22	GP	7	09:00		32	28800	16	14400	2	1800		0	

16-04-22	GP	7	09:15		49	44100	18	16200		0		0	
16-04-22	GP	7	09:30		26	23400		0		0		0	
16-04-22	GP	7	09:45		4	3600	3	2700		0		0	
16-04-22	GP	7	10:00		8	7200		0		0		0	
08-05-22	BP	4	08:00	1		0		0		0		0	
08-05-22	BP	4	08:15			0		0		0		0	
08-05-22	BP	4	08:30			0		0		0		0	
08-05-22	BP	4	08:45		4	3600		0		0		0	
08-05-22	BP	4	09:00	2		0		0		0		0	
08-05-22	BP	4	09:15			0		0		0		0	
08-05-22	BP	4	09:30			0		0		0		0	
08-05-22	BP	4	09:45		1	900		0		0		0	
08-05-22	BP	4	10:00	1		0		0		0		0	
08-05-22	BP	4	10:15		3	2700		0		0		0	
08-05-22	BP	4	10:30		1	900		0		0		0	
08-05-22	BP	4	10:45	4	2	1800		0		0		0	
08-05-22	BP	4	11:00	1		0		0		0		0	
08-05-22	BP	4	11:30	6		0		0		0		0	
08-05-22	BP	4	11:45	6	1	900		0		0		0	
08-05-22	BP	4	12:00	2		0		0		0		0	
08-05-22	BP	4	12:15	6		0		0		0		0	
08-05-22	BP	4	12:30	8		0		0		0		0	
08-05-22	BP	4	12:45	9		0		0		0		0	
08-05-22	BP	4	13:00	10	1	900		0		0		0	
08-05-22	BP	4	13:15	8		0		0		0		0	
08-05-22	BP	4	13:30	9	1	900		0		0		0	
08-05-22	BP	4	13:45	8	3	2700		0		0		0	
08-05-22	BP	4	14:00	10		0		0		0		0	
08-05-22	BP	4	14:15	7	3	2700		0		0		0	
08-05-22	BP	4	14:30	7		0		0		0		0	
08-05-22	BP	13	15:30	27	2	1800		0		0		0	
08-05-22	BP	13	15:45	17	1	900		0	2	1800		0	
08-05-22	BP	13	16:00	15	6	5400		0		0		0	
08-05-22	BP	13	16:15	14	5	4500		0		0		0	
08-05-22	BP	13	16:30	25	2	1800		0		0		0	
08-05-22	BP	13	16:45	19	5	4500		0		0		0	
08-05-22	BP	13	17:00	16	13	11700		0		0		0	
08-05-22	BP	13	17:15	22	2	1800		0		0		0	
08-05-22	BP	13	17:30	22	3	2700		0		0		0	
08-05-22	BP	13	17:45	6	28	25200	3	2700		0		0	
08-05-22	BP	13	18:00	30	4	3600		0		0		0	
08-05-22	BP	13	18:15	28	4	3600	1	900		0		0	
08-05-22	BP	13	18:30	23	7	6300		0		0		0	
12-05-22	BP	13	12:00	20	30	27000	8	7200		0		0	
12-05-22	BP	13	12:15	18	4	3600		0		0		0	
12-05-22	BP	13	12:30	14	7	6300	3	2700		0		0	
12-05-22	BP	13	12:45	17	24	21600	13	11700	2	1800		0	
12-05-22	BP	13	13:00	12	4	3600	4	3600		0		0	
12-05-22	BP	13	13:15	2	45	40500	10	9000		0		0	
12-05-22	BP	13	13:30	18	1	900		0		0		0	

12-05-22	BP	13	13:45	22		0		0		0		0	
12-05-22	BP	13	14:00	17		0		0	3	2700		0	
12-05-22	BP	13	14:15	23	1	900		0		0		0	
12-05-22	BP	13	14:30	3	50	45000	5	4500		0		0	
12-05-22	BP	13	14:45	22	3	2700		0		0		0	
12-05-22	BP	13	15:00	30	2	1800		0		0		0	
13-06-22	BP	4	09:00	2	1	900		0		0		0	
13-06-22	BP	4	09:15	3		0		0		0		0	
13-06-22	BP	4	09:30	3	1	900		0		0		0	
13-06-22	BP	4	09:45	3	1	900		0		0		0	
13-06-22	BP	4	10:00	1	2	1800		0		0		0	
13-06-22	BP	4	10:15		2	1800		0		0		0	
13-06-22	BP	4	10:30		2	1800		0		0		0	
13-06-22	BP	4	10:45	2		0		0		0		0	
13-06-22	BP	4	11:00	1		0		0		0		0	
13-06-22	BP	4	11:15	1		0		0		0		0	
13-06-22	BP	4	11:30	1		0		0		0		0	
13-06-22	BP	4	11:45	1	1	900		0		0		0	
13-06-22	BP	4	12:00	1		0		0		0		0	
13-06-22	BP	4	12:30	1	1	900		0	1	900		0	
13-06-22	BP	4	12:45	2	2	1800		0		0		0	
13-06-22	BP	4	13:00		1	900		0		0		0	
13-06-22	BP	4	13:15	2		0	1	900		0		0	
13-06-22	BP	4	13:30		2	1800		0		0		0	
13-06-22	BP	4	13:45	1		0		0		0		0	
13-06-22	BP	4	14:00	1		0		0		0		0	
13-06-22	BP	4	14:15			0	1	900		0		0	
13-06-22	BP	4	14:00	1		0		0		0		0	
13-06-22	BP	4	14:15			0	1	900		0		0	
13-06-22	BP	4	14:30	1	1	900		0		0		0	
13-06-22	BP	4	14:45	2		0		0		0		0	
13-06-22	BP	4	15:00	2		0		0		0		0	
13-06-22	BP	4	15:15	2		0		0		0		0	
13-06-22	BP	4	15:30	2		0		0		0		0	
15-06-22	BP	13	10:30	30	7	6300	2	1800		0		0	colony size is c. 100 individuals
15-06-22	BP	13	10:45	29	5	4500		0		0		0	whole colony not visible from VP12
15-06-22	BP	13	11:00	16	55	49500	20	18000		0		0	birch and willow trees and rushes on lake edge and high field between lakes obsure views
15-06-22	BP	13	11:15	34	6	5400		0		0		0	birds on ground often hidden in rushes
15-06-22	BP	13	11:30	31	4	3600	2	1800		0		0	
15-06-22	BP	13	11:45	38	18	16200	1	900	1	900		0	
15-06-22	BP	13	12:00	56	10	9000	2	1800	2	1800		0	
15-06-22	BP	13	12:15	48	13	11700	2	1800		0		0	
15-06-22	BP	13	12:30	55	22	19800	1	900		0		0	
15-06-22	BP	13	12:45	61	7	6300	2	1800		0		0	
15-06-22	BP	13	13:00	44	5	4500	2	1800	1	900		0	
15-06-22	BP	13	13:15	38	11	9900		0		0		0	
15-06-22	BP	13	13:30	47	9	8100	1	900		0		0	
15-06-22	BP	13	14:00	45	3	2700		0		0		0	
15-06-22	BP	13	14:15	33	8	7200		0	1	900		0	
15-06-22	BP	13	14:30	30	16	14400	3	2700		0		0	
15-06-22	BP	13	14:45	18	7	6300		0		0		0	

15-06-22	BP	13	15:00	24	5	4500	3	2700		0	3	2700	
15-06-22	BP	13	15:15	33	7	6300	2	1800		0		0	
15-06-22	BP	13	15:30	26	3	2700		0		0		0	
15-06-22	BP	13	15:45	32	2	1800	2	1800	2	1800		0	
15-06-22	BP	13	16:00	22	3	2700		0	7	6300		0	
15-06-22	BP	13	16:15	19	6	5400	1	900		0		0	
15-06-22	BP	13	16:30	17	7	6300		0	2	1800	3	2700	
15-06-22	BP	13	16:45	19	2	1800		0		0		0	
15-06-22	BP	13	17:00	25	14	12600	3	2700		0		0	
15-07-22	BP	13	11:00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	colony abandoned 1 pair remain
20-03-2023	BP	13	06:00	4	0		0						
20-03-2023	BP	13	06:15	6	0		0						
20-03-2023	BP	13	06:30	0	29		0						
20-03-2023	BP	13	06:45	8	7		0						
20-03-2023	BP	13	07:00	4	5		0						
20-03-2023	BP	13	07:15	7	4		1						
20-03-2023	BP	13	07:30	0	17		2						
20-03-2023	BP	13	07:45	10	4		0						
20-03-2023	BP	13	08:00	12	3		0						
20-03-2023	BP	13	08:15	9	5		0						
20-03-2023	BP	13	08:30	8	7		0						
20-03-2023	BP	13	08:45	7	23		0						
20-03-2023	BP	13	09:00	8	16		2						
20-03-2023	BP	13	09:30	11	4		0						
20-03-2023	BP	13	09:45	8	8		3						
20-03-2023	BP	13	10:00	0	29		6						
20-03-2023	BP	13	10:15	10	6		0						
20-03-2023	BP	13	10:30	8	9		3						
20-03-2023	BP	13	10:45	10	15		0						
20-03-2023	BP	13	11:00	7	12		0						
20-03-2023	BP	13	11:15	21	7		1						
20-03-2023	BP	13	11:30	12	3		0						
20-03-2023	BP	13	11:45	5	28		2						
20-03-2023	BP	13	12:00	15	2		0						
20-03-2023	BP	13	12:15	7	6		0						
20-03-2023	BP	13	12:30	7	17		0						
03-04-2023	BP	13	13:30	9	2		0		0				
03-04-2023	BP	13	13:45	9	6		2		0				
03-04-2023	BP	13	14:00	6	7		0		0				
03-04-2023	BP	13	14:15	0	0		0		0				
03-04-2023	BP	13	14:30	0	0		4		34				is this the whole colony up and leaving? All birds circle high and fly west
03-04-2023	BP	13	14:45	0	0		0		0				
03-04-2023	BP	13	15:00	0	0		0		0				
03-04-2023	BP	13	15:15	0	0		0		0				
03-04-2023	BP	13	15:30	0	2		0		0				
03-04-2023	BP	13	15:45	0	0		0		0				
03-04-2023	BP	13	16:00	0	0		0		0				
03-04-2023	BP	13	16:15	0	0		0		0				
03-04-2023	BP	13	16:30	0	0		0		0				
03-05-2023	BP	13	10:00	11	8		0		0				

03-05-2023	BP	13	10:15	7	13		0		0				
03-05-2023	BP	13	10:30	8	9		0		1				
03-05-2023	BP	13	10:45	5	6		0		0				
03-05-2023	BP	13	11:00	5	8		1		0				
03-05-2023	BP	13	11:15	12	6		1		0				
03-05-2023	BP	13	11:30	10	5		0		0				
03-05-2023	BP	13	11:45	4	9		0		0				
03-05-2023	BP	13	12:00	6	4		0		0				
03-05-2023	BP	13	12:15	4	11		0		0				
03-05-2023	BP	13	12:30	11	4		0		0				
03-05-2023	BP	13	12:45	6	6		1		0				
03-05-2023	BP	13	13:00	9	9		0		0				
03-05-2023	BP	13	13:30	11	3		0		0				
03-05-2023	BP	13	13:45	10	4		1		0				
03-05-2023	BP	13	14:00	9	15		0		0				
03-05-2023	BP	13	14:15	11	6		0		0				
03-05-2023	BP	13	14:30	7	3		0		0				
03-05-2023	BP	13	14:45	0	29		0		0				
03-05-2023	BP	13	15:00	13	1		0		0				
03-05-2023	BP	13	15:15	12	3		1		1				
03-05-2023	BP	13	15:30	7	3		0		0				
03-05-2023	BP	13	15:45	16	1		1		0				
03-05-2023	BP	13	16:00	11	3		2		1				
03-05-2023	BP	13	16:15	17	10		0		0				
03-05-2023	BP	13	16:30	13	10		1		0				
02-06-2023	BP	9	08:30	9	3		0						
02-06-2023	BP	9	08:45	13	2		1						
02-06-2023	BP	9	09:00	10	4		2						
02-06-2023	BP	9	09:15	8	9		0						
02-06-2023	BP	9	09:30	11	2		0						
02-06-2023	BP	9	09:45	15	1		0						
02-06-2023	BP	9	10:00	8	6		1						
02-06-2023	BP	9	10:15	14	11		0						
02-06-2023	BP	9	10:30	10	4		0						
02-06-2023	BP	9	10:45	7	8		0						
02-06-2023	BP	9	11:00	8	11		0						
02-06-2023	BP	9	11:15	10	2		0						
02-06-2023	BP	9	11:30	8	4		0						
02-06-2023	BP	9	12:00	10	3		0						
02-06-2023	BP	9	12:15	4	1		0						
02-06-2023	BP	9	12:30	6	2		3						
02-06-2023	BP	9	12:45	0	1		2						
02-06-2023	BP	9	13:00	5	1		0						
02-06-2023	BP	9	13:15	6	1		0						
02-06-2023	BP	9	13:30	8	0		0						
02-06-2023	BP	9	13:45	7	0		0						
02-06-2023	BP	9	14:00	2	2		0						
02-06-2023	BP	9	14:15	3	0		0						
02-06-2023	BP	9	14:30	0	1		0						
02-06-2023	BP	9	14:45	4	1		0						

02-06-2023	BP	9	15:00	7	0		0						
14-06-2023	BP	13	11:00	11	3		0		0				
14-06-2023	BP	13	11:15	10	5		2		0				
14-06-2023	BP	13	11:30	7	0		0		0				
14-06-2023	BP	13	11:45	6	8		1		1				
14-06-2023	BP	13	12:00	15	5		0		0				
14-06-2023	BP	13	12:15	12	7		0		0				
14-06-2023	BP	13	12:30	5	8		1		0				
14-06-2023	BP	13	12:45	13	3		0		0				
14-06-2023	BP	13	13:00	10	1		0		0				
14-06-2023	BP	13	13:15	13	6		0		0				
14-06-2023	BP	13	13:30	8	33		0		0				
14-06-2023	BP	13	13:45	16	2		0		0				
14-06-2023	BP	13	14:00	10	1		0		0				
14-06-2023	BP	13	14:30	13	4		0		0				
14-06-2023	BP	13	14:45	16	3		0		0				
14-06-2023	BP	13	15:00	10	4		0		0				
14-06-2023	BP	13	15:15	12	19		1		0				
14-06-2023	BP	13	15:30	18	4		0		0				
14-06-2023	BP	13	15:45	19	2		0		0				
14-06-2023	BP	13	16:00	23	3		1		0				
14-06-2023	BP	13	16:15	12	4		0		0				
14-06-2023	BP	13	16:30	11	3		2		0				
14-06-2023	BP	13	16:45	19	8		1		0				
14-06-2023	BP	13	17:00	20	6		0		1				
14-06-2023	BP	13	17:15	16	4		0		0				
14-06-2023	BP	13	17:30	10	26		0		0				
06-07-2023	BP	13	05:45	3	4		0		0				c. 40 birds up different territory - possibly otter max count = 40 - majority of colony obviously hidden from view from VP13 mostly behind central ridge/high field
06-07-2023	BP	13	06:00	3	3		0		0				
06-07-2023	BP	13	06:15	4	34		2		0				
06-07-2023	BP	13	06:30	16	3		4		0				
06-07-2023	BP	13	06:45	3	6		2		4				
06-07-2023	BP	13	07:00	1	9		1		0				
06-07-2023	BP	13	07:15	1	5		0		0				
06-07-2023	BP	13	07:30	4	5		0		0				
06-07-2023	BP	13	07:45	1	36		1		0				
06-07-2023	BP	13	08:00	17	3		0		0				
06-07-2023	BP	13	08:15	6	2		0		0				
06-07-2023	BP	13	08:30	4	1		1		0				
06-07-2023	BP	13	08:45	2	7		0		0				
08-01-2024	BP	13	02:08		0								No BH at 2024 colony. Birds moved on post breeding.
19-03-2024	BP	13	08:45	0	1		8						
19-03-2024	BP	13	09:00	4	8		0						
19-03-2024	BP	13	09:15	0	7		1						
19-03-2024	BP	13	09:30	4	8		0						
19-03-2024	BP	13	09:45	4	1		11						
19-03-2024	BP	13	10:00	0	11		0						
19-03-2024	BP	13	10:15	0	0		18						

19-03-2024	BP	13	10:30	0	0		0						
19-03-2024	BP	13	10:45	0	0		0						
19-03-2024	BP	13	11:00	0	1		0						
19-03-2024	BP	13	11:15	0	0		1						
19-03-2024	BP	13	11:30	0	0		0						
19-03-2024	BP	13	11:45	0	0		0						
21-03-2024	BP	13	06:10	0	0		0						
21-03-2024	BP	13	06:25	0	0		0						
21-03-2024	BP	13	06:40	0	0		0						
21-03-2024	BP	13	06:55	0	0		0						
21-03-2024	BP	13	07:10	7	15		0						most arrive from east then leave to SE start of colony being established
21-03-2024	BP	13	07:25	24	11		1						including pair copulating
21-03-2024	BP	13	07:40	26	15		0						
21-03-2024	BP	13	07:55	20	9		1						
21-03-2024	BP	13	08:10	14	8		2						
21-03-2024	BP	13	08:25	9	3		0						
21-03-2024	BP	13	08:40	2	18		0						
21-03-2024	BP	13	08:55	0	0		0						
21-03-2024	BP	13	09:10	0	0		0						
24-04-2024	BP	13	11:30	26	18		0		0				BH partiall hidden behind vegetation and high field from VP13
24-04-2024	BP	13	11:45	18	25		0		0				
24-04-2024	BP	13	12:00	25	14		0		0				
24-04-2024	BP	13	12:15	38	6		0		0				
24-04-2024	BP	13	12:30	41	4		0		0				
24-04-2024	BP	13	12:45	44	5		0		0				including pair copulating
24-04-2024	BP	13	13:00	58	3		1		0				
24-04-2024	BP	13	13:15	54	1		2		9				
24-04-2024	BP	13	13:30	20	58		0		0				ca. 90 BH in colony as some hidden
24-04-2024	BP	13	13:45	21	9		0		5				
24-04-2024	BP	13	14:00	19	4		3		0				
24-04-2024	BP	13	14:15	29	3		0		0				including pair copulating
24-04-2024	BP	13	14:30	26	7		2		0				
08-05-2024	BP	4	07:15	8	2		0						whole colony not visible from VP4 also birds mostly hidden within vegetation
08-05-2024	BP	4	07:30	5	3		0						
08-05-2024	BP	4	07:45	3	3		0						
08-05-2024	BP	4	08:00	4	3		0						
08-05-2024	BP	4	08:15	5	1		0						
08-05-2024	BP	4	08:30	4	0		0						
08-05-2024	BP	4	08:45	4	2		3						
08-05-2024	BP	4	09:00	3	1		0						
08-05-2024	BP	4	09:15	3	2		0						
08-05-2024	BP	4	09:30	5	1		0						
08-05-2024	BP	4	09:45	11	3		0						
08-05-2024	BP	4	10:00	8	2		0						
08-05-2024	BP	4	10:15	8	7		0						
08-05-2024	BP	4	10:50	11	2		1						
08-05-2024	BP	4	11:05	14	3		0						
08-05-2024	BP	4	11:20	15	5		0						
08-05-2024	BP	4	11:35	10	2		0						
08-05-2024	BP	4	11:50	12	1		0						

08-05-2024	BP	4	12:05	9	1		0						
08-05-2024	BP	4	12:20	10	5		0						
08-05-2024	BP	4	12:35	12	2		0						
08-05-2024	BP	4	12:50	8	1		0						
08-05-2024	BP	4	13:05	7	3		0						
08-05-2024	BP	4	13:20	10	0		0						
08-05-2024	BP	4	13:35	13	2		1						
08-05-2024	BP	4	13:50	8	2		0						
08-05-2024	BP	13	15:45	14	5		0		0				several nests ca. 8 visible from VP13 - NW corner of colony out of vew form VP13
08-05-2024	BP	13	16:00	17	3		1		0				
08-05-2024	BP	13	16:15	10	7		1		0				
08-05-2024	BP	13	16:30	25	3		0		1				
08-05-2024	BP	13	16:45	19	4		0		0				
08-05-2024	BP	13	17:00	21	2		0		0				
08-05-2024	BP	13	17:15	12	11		12		1				
08-05-2024	BP	13	17:30	26	7		0		0				colony very settled in late afternoon
08-05-2024	BP	13	17:45	22	2		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:00	23	3		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:15	22	2		0		0				including 2 pairs copulating
08-05-2024	BP	13	18:30	24	2		0		0				colony very settled in late afternoon
08-05-2024	BP	13	18:45	20	1		0		0				colony very settled in late afternoon
09-05-2024	BP	13	11:30	33	4		0		0				
09-05-2024	BP	13	11:45	29	2		1		0				
09-05-2024	BP	13	12:00	27	2		0		0				
09-05-2024	BP	13	12:15	21	6		2		2				
09-05-2024	BP	13	12:30	29	1		0		0				
09-05-2024	BP	13	12:45	20	27		0		0				20 sit tight on nest whilst 27 up in tight flock over disturbance in in defense mode - high count - considered BH fly back into colony unseen - slip back in from south ponds within a few seconds or possibly many birds unseen within vegetation - max count of 37 + 30 (total 67)at VP12 colony - birds move between colonies if danger strikes
09-05-2024	BP	13	13:00	24	5		0		0				
09-05-2024	BP	13	13:15	24	3		0		1				
09-05-2024	BP	13	13:30	26	4		0		0				
09-05-2024	BP	13	13:45	22	2		1		0				
09-05-2024	BP	13	14:00	15	5		0		0				
09-05-2024	BP	13	14:15	19	0		0		0				
09-05-2024	BP	13	14:30	21	6		4		0				
17-05-2024	BP	12	10:30		7		12		2				birds not visible on round level from VP12 - walked over to colony to count BH (21 BH max) - pond not visible from VP12 - counts fairly low each 15 minutes
17-05-2024	BP	12	10:45		5		0		0				
17-05-2024	BP	12	11:00		0		0		0				
17-05-2024	BP	12	11:15		2		0		0				
17-05-2024	BP	12	11:30		3		1		0				
17-05-2024	BP	12	11:45		7		1		0				
17-05-2024	BP	12	12:00		0		0		0				
17-05-2024	BP	12	12:15		3		0		0				
17-05-2024	BP	12	12:30		0		0		0				
17-05-2024	BP	12	12:45		4		2		0				
17-05-2024	BP	12	13:00		0		1		0				

17-05-2024	BP	12	13:15		0		0		0				
17-05-2024	BP	12	13:30		1		0		0				
17-05-2024	BP	12	14:00		0	0							
17-05-2024	BP	12	14:15		4	0							
17-05-2024	BP	12	14:30		0	0							
17-05-2024	BP	12	14:45		2	1							
17-05-2024	BP	12	15:00		2	0							
17-05-2024	BP	12	15:15		0	0							
17-05-2024	BP	12	15:30		0	0							
17-05-2024	BP	12	15:45		0	0							
17-05-2024	BP	12	16:00		1	0							
17-05-2024	BP	12	16:15		0	0							
17-05-2024	BP	12	16:30		2	0							
17-05-2024	BP	12	16:45		1	0							
17-05-2024	BP	12	17:00		6	9							max count of 15 were disturbed by surveyor
07-07-2024	BP	4	9.43		1								Commuting to BH colony
07-07-2024	BP	4	10.12		3								Leaving colony
07-07-2024	BP	4	10.23		5								Leaving colony west
07-07-2024	BP	4	10.42		6								Away from colony west
07-07-2024	BP	4	11.58		1								Leaving colony
07-07-2024	BP	4	14		1								Leaving colony
07-07-2024	BP	4	14.14		2								Leaves colony
07-07-2024	BP	4	14.21		3								Arrive low into colony
08-07-2024	BP	4	7.23		1								Over colony calling. Several birds heard within colony not visible
08-07-2024	BP	4	7.49		1								To colony
08-07-2024	BP	4	8.08		3								Rise high from colony and commute to Derryvilla pond
08-07-2024	BP	4	14.45		2								Commuting from colony to lake
08-07-2024	BP	4	16.43		6								Inc 5 juv disturbed by predator
08-07-2024	BP	4	16.51		8								Commuting back to colony
08-07-2024	BP	4	17.14		19								16 adult and 3 juv defending colony from predator probably otter or fox
07-09-2024	BP	12	14.43		5								Over VP12 colony almost complete. Must be a juv or 2 left
07-09-2024	BP	12	15.18		2								Circle high and away
07-09-2024	BP	12	16.1		1								To VP12 BH colony
07-09-2024	BP	12	16.44		1								Lifts high from and back to VP12 BH colony. Max 6 adults remain there.
07-09-2024	BP	12	18.36		1								Leaving completed BH colony
07-09-2024	BP	12	14.43		12								
07-09-2024	BP	12	15.18		12								
07-09-2024	BP	12	16.1		12								
07-09-2024	BP	12	16.44		12								
03-04-2025	BP	4	7.22-09.25		4								BH. Colony becoming established. 60% in summer plumage. Numbers: 07.22hrs-5; 07.26-23; 07.46- 37; 07.56-47; 08.23-66; 09.25-43. Arrive from high up from north but not seen till flying over ponds. Mostly in the air above water.
03-04-2025	BP	4	9.13		4								Leaving colony
03-04-2025	BP	4	10.44		4								Go to other pond and wheel above it probably checking it for suitable nesting habitat
03-04-2025	BP	4	10.56		4								Rise high n leave colony to forage
03-04-2025	BP	4	11.14		4								Leaving colony
03-04-2025	BP	4	12.11		4								Leave colony to forage or regroup elsewhere

Appendix 7.2

Collision Risk Model Report

FEHILY TIMONEY

DESIGNING AND DELIVERING
A SUSTAINABLE FUTURE

COLLISION RISK MODEL REPORT FOR LITTLETON WIND FARM

Littleton Wind Farm Collision Risk Model

Prepared for:
Littleton Wind Farm DAC

BnM | sse

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Littleton Wind Farm Collision Risk Model

REVISION CONTROL TABLE, CLIENT, KEYWORDS AND ABSTRACT

User is responsible for Checking the Revision Status of This Document

Rev. No.	Description of Changes	Prepared by:	Checked by:	Approved by:	Date:
	Final	BOD/KB	RM	JH	21/05/2026

Client: Littleton Wind Farm DAC

Keywords: Collision Risk Model, Littleton Wind Farm, Avifauna

Abstract: This report details the collision risk modelling approach and results for the 34 target bird species recorded at the proposed Littleton Wind Farm between the winter 2020-21 to winter 2024-25 survey seasons.

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1. INTRODUCTION

A total of 34 target species were recorded within 500m of the turbine layout during VP surveys across the 4.5 survey years. Within these, a total of six species, namely Kingfisher, Redshank, Short-eared Owl, Stock Dove and Woodcock were not recorded within the potential collision height (PCH)/ rotor swept zone and as such have an effective collision risk of zero. The remaining 29 species listed below did exhibit flight activity at PCH and as such proceeded into the detailed modelling stages:

- Black-headed Gull
- Black-tailed Godwit
- Buzzard
- Cormorant
- Curlew
- Golden Plover
- Green Sandpiper
- Grey Heron
- Great White Egret
- Greylag Goose
- Hen Harrier
- Kestrel
- Lapwing
- Lesser Black-backed Gull
- Little Egret
- Mallard
- Marsh Harrier
- Merlin
- Mute Swan
- Peregrine
- Ringed Plover
- Snipe
- Sparrowhawk
- Starling
- Swift
- Teal
- Tufted Duck
- Whooper Swan
- Wigeon

The modelling was carried out using the NatureScot Collision Risk Model (CRM) (also known as the Band model (Band, 2024; NatureScot, 2024)). The CRM provides a method based on vantage point data to estimate the number of birds likely to collide with turbines at a proposed wind farm. This allows pre-construction assessment of collision impacts on local and national populations. As birds may avoid a wind farm (for example some may be displaced from the area, while others may avoid turbines or take other evasive action to prevent a collision), the CRM accounts for this by applying an avoidance rate.

2. DATA SOURCES

2.1.1 Data Sources

The following data and information were provided for this assessment:

- Spreadsheet data listing all observations of flight activity recorded during the VP surveys.

GIS mapping of flight lines recorded during VP surveys undertaken during the summers of 2021, 2022, 2023, 2024 and winter seasons of 2020/21, 2021/22, 2022/23, 2023/24 and 2024/2025.

- Mapping of the VP locations.
- Mapping of the proposed turbine locations.
- Technical specifications for the proposed turbines.

2.1.2 Wind Turbine Parameters

Details of the turbine parameters including data on blade chord length, and rotational speed provided by the client are shown in Table 2-1. Turbine locations are listed in Table 2-2.

Table 2-1: Wind Farm and Wind Turbine Parameters

Parameter	Value	Notes
Hub height (m)	119	Information provided by client
Blade diameter (m)	162	Information provided by client
Blade radius (m)	81	Calculated (blade diameter/2)
Maximum swept height (m)	200	Calculated (hub height + blade radius)
Minimum swept height (m)	38	Calculated (hub height - blade radius)
Number of blades	3	Typical value
Maximum blade chord length (m)	4.2	Typical value
Fastest rotational speed (r.p.m)	12.6	Typical value
Blade pitch (degrees)	6	Typical value
Number of turbines with these dimensions proposed	11	Information provided by client
Wind farm operation (%)	85[1]	Typical value

[1] This is a highly conservative estimate, utilised based on a 'typical' estimate of 15% non-operational time noted in Band (2024). A higher proportion of non-operational time is likely to occur in real-world conditions, and the maximum rotational speed indicated above will not be attained at all times when the turbines are operating. As such, the operating conditions detailed above represent a highly conservative estimate, utilised on a precautionary basis.

Table 2-2: Turbine Locations

WTG ID	ITM Easting	ITM Northing
T01	624044	657148
T02	623721	656639
T03	623595	656033
T04	623023	656034
T05	622809	655374
T06	623461	655081
T07	622465	654873
T08	623020	654421
T09	620928	651759
T10	621249	651425
T11	621455	651016

3. REVIEW AND ANALYSIS OF THE VP SURVEY COVERAGE AND RESULTS

3.1.1 VP Locations and Viewshed Coverage

A total of eight VP locations were selected to cover the site, as detailed in Table 3-1.

For the purposes of collision risk modelling, a 500 m radius buffer was drawn around each of the proposed turbine locations. This buffer was used as the flight activity survey area, following SNH (2017a) guidance.

A total of 99.59% of the total flight activity survey area (500m radius buffer surrounding the turbine locations) was visible from the combined VP locations. For the purposes of collision risk analysis, a correction factor of 1.004154 has been applied to the flight durations recorded to achieve 100% viewshed coverage within the model. This provides a more conservative estimate of collision risk at the site.

Table 3-1: VPs used for Avian Surveys

Vantage Point	Eastings (ITM)	Northings (ITM)	Area (km^2)
1	622926	652324	0.781
2	621290	651859	1.283
4	621066	653570	0.631
5	623254	654061	2.997
6	624306	656201	1.74
7	623263	657482	0.07
8	623122	659316	0
14	623662	656688	1.925

The site and the buffer made a total survey area of c. 6.527 km^2. A total of 99.59% of the entire survey area was covered from the combined vantage point viewpoints.

Table 3-2: Survey Areas

Area of survey area (km2)	Area of survey area covered by viewsheds (km2)	Total Area of all VPs (km^2)
6.527	6.5	9.427

3.1.2 VP Survey Effort

VP surveys were carried out at the site monthly from November 2020 – March 2025. The summer season was defined as running from April to September inclusive (six months) for summer 2021, 2022, 2023 and 2024 while winter was defined as October to March inclusive (six months) for winter 2020/21, 2021/22, 2022/23, 2023/24 and 2024/2025. In addition, extra rounds covering spring migration were completed 2022, 2023, 2024 and 2025, and extra rounds covering autumn migration were completed 2021, 2022, 2023 and 2024.

Watches were 2 * 3 hours = 6 hours per VP per month. The total survey effort over the 4.5-year survey period was 2,970 hours/ 10,692,000 seconds. The total survey effort was also greater than the recommended 72 hours per year required by SNH guidance (SNH, 2017) due to the inclusion of additional spring and autumn migration watches.

Data from the winter 2020-21 survey season (just over five years old) was considered viable for use in the CRM due to reasonable alignment between activity observed during that season with activity patterns observed in subsequent survey seasons.

Table 3-3 below details the survey effort for each of the nine seasons (4.5 survey years).

Table 3-3: Survey Effort completed at VPs

Season	VP	Hours	Total Hours	Season	VP	Hours	Total Hours
Winter 2020-21	1	36	**288**	**Summer 2021**	1	36	**288**
	2	36			2	36	
	4	36			4	36	
	5	36			5	36	
	6	36			6	36	
	7	36			7	36	
	8	36			8	36	
	14	36			14	36	
Autumn 2021	1	6	**48**	**Winter 2021-22**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Spring 2022	1	6	**48**	**Summer 2022**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	

Season	VP	Hours	Total Hours	Season	VP	Hours	Total Hours
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Autumn 2022	1	6	**48**	**Winter 2022-23**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Spring 2023	1	6	**48**	**Summer 2023**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Autumn 2023	1	6	**48**	**Winter 2023-24**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	

Season	VP	Hours	Total Hours	Season	VP	Hours	Total Hours
Spring 2024	1	6	**48**	**Summer 2024**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	6			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Autumn 2024	1	6	**45**	**Winter 2024-25**	1	36	**288**
	2	6			2	36	
	4	6			4	36	
	5	3			5	36	
	6	6			6	36	
	7	6			7	36	
	8	6			8	36	
	14	6			14	36	
Spring 2025	1	6	**45**				
	2	6					
	4	6					
	5	3					
	6	6					
	7	6					
	8	6					
	14	6					

3.1.3 VP Survey Protocol

The VP surveys recorded flight activity of all target species within fixed visual envelopes, namely: 0-20, 20-50m, 50-100m, 100-200m and >200m. Flight durations were not classified in the field as inside and outside of the 500m buffer boundary surrounding the turbines. Following a more conservative approach, the total duration of any flightline which intersects the 500m turbine buffer is included in full regardless of the percentage time the flightline was outside the buffer i.e., all time inside and outside the 500m is included in the model for flightlines that intersect the 500m buffer at some point.

3.1.4 Post-hoc correction of flight activity data

Flight lines that intersected the 500m turbine buffer were included for collision risk modelling (CRM) in alignment with SNH (2017) and NatureScot (2024 & 2025a) guidance. This is a conservative approach in relation to flightlines that pass both within and outside the 500m turbine buffer. For flightlines of this nature, the full observation time recorded over 4.5 years of surveys both inside and outside the buffer has been included for modelling, rather than splitting the observation time retrospectively i.e., all time inside and outside the site are included in the model for flightlines that intersect the site at some point.

3.1.5 Avian Biometrics

The biometrics and flight speed values used in the calculations for each of the target species is shown in Table 3-4. The bird body lengths and wingspans were sourced from the BTO bird facts website (https://www.bto.org/understanding-birds/birdfacts/find-a-species; last accessed 11th February 2025). The flight speeds used come from inter alia, Alerstam et al., 2007. Birds are assumed to be active for 8 hours a day in winter and 12 hours a day in summer.

Table 3-4: Biometrics of Target Species

Species	Length (m)	Wingspan (m)	Average speed (m/s)	Avoidance rate (%)
Black Headed Gull	0.37	1.1	12.5	99.2[3]
Black-tailed Godwit	0.4	0.76	15.6	98
Buzzard	0.52	1.20	13.3	98
Cormorant	0.86	1.35	13.9	98
Curlew	0.52	0.97	15.0	98
Golden Plover	0.28	0.72	17.9	99.8[4]
Green sandpiper	0.22	0.42	11.1	98
Grey Heron	0.98	1.60	12.7	98
Greylag Goose	0.79	1.59	16.0	99.5
Hen Harrier	0.48	1.1	9.1	99
Kestrel	0.34	0.76	10.10	95
Lapwing	0.29	0.69	10	98

[3] https://www.nature.scot/doc/naturescot-research-report-1019-avoidance-rates-herring-gull-great-black-backed-gull-and-common-gull
[4] Based on study of avoidance rates of golden plover from Gittings (2022) – see section 6 for further details.

Species	Length (m)	Wingspan (m)	Average speed (m/s)	Avoidance rate (%)
Lesser Black-backed Gull	0.58	1.42	11.9	99.56[3]
Little Egret	0.6	0.91	3	0.498
Mallard	0.58	0.9	18.5	98
Marsh Harrier	0.49	1.23	8.9	98
Merlin	0.29	0.62	10.9	98
Mute Swan	1.5	2.2	23.3	99.5
Peregrine	0.42	1.02	12.1	98
Ringed Plover	0.18	0.38	13.9	98
Snipe	0.26	0.46	17.1	98
Sparrowhawk	0.33	0.62	11.3	98
Starling	0.23	0.44	12	98
Swift	0.16	0.45	10.5	98
Teal	0.36	0.56	19.7	98
Tufted Duck	0.44	0.69	19.7	98
Whooper Swan	1.52	2.30	10	99.5
Wigeon	0.46	0.78	19.7	98

4. STAGES OF THE COLLISON RISK MODEL

The model estimates the number of collisions through a process of five stages:

Stage A uses bird survey data to establish the density of flying birds in the vicinity of the turbines, and the proportion flying at a risk height, between the lowest and highest points of the rotors.

Stage B provides an estimate, based on the bird density and proportion at risk height, of the potential number of bird passages through rotors in the period in question.

Stage C calculates the probability of collision during a single bird rotor transit.

Stage D estimates the potential collision rate for a bird species, assuming current levels of bird use of the site, allowing for the proportion of time that turbines are not operational.

Stage E takes account of the proportion of birds likely to avoid the wind farm or its turbines, either because they have been displaced from the site or because they take evasive action or are attracted to the wind farm, e.g. in response to changing habitats.

Further details of Stage A calculations are provided in Section 5. Details of the results of calculations for Stages B to E are provided for each species in Appendix 1 and summarised in Section 6.

5. STAGE A - FLIGHT ACTIVITY

This stage estimates the number of flights which, in the absence of birds being displaced, taking other avoiding action or being attracted to the wind farm, would potentially be at risk from the turbines. It requires field data to determine levels of flight activity within the proposed wind farm.

For non-directional flights, two key parameters derived from survey observations are needed to describe the magnitude of flight activity:

i. Areal bird density (D_A) and
ii. Proportion of birds flying at risk height (Q_{2R})

5.1 Areal bird density (D_A)

Areal bird density (D_A) is the number of birds, in flight at any height at a given point in time, per unit area. D_A is most often recorded in bird seconds, which is particularly appropriate where bird numbers are low, and is usually expressed per square kilometre (km^2).

To calculate the Areal bird density the study area was defined as a 500m buffer of the wind farm site. As a precautionary measure all flightlines which interested this area were included in full in the calculate of Areal bird density.

D_A is calculated as follows:

DA = b / (t x A) bird-seconds m-2

where:

(b) is the number of flight seconds from a vantage point;

(t) is the time (in seconds) that the vantage point is watched;

(A) is the area of the vantage point view-shed (km^2).

The latter two parameters for this calculation are provided below in Table 5-1.

Table 5-1: The time that the vantage point was watched (t) and vantage point viewshed (A)

Years	VPs	A - Area (km2)	t - Total watch time (Seconds)
Year 1	VP1	0.781	280800
Year 1	VP2	1.283	280800
Year 1	VP4	0.631	280800
Year 1	VP5	2.997	280800
Year 1	VP6	1.74	259200
Year 1	VP7	0.07	259200

Years	VPs	A - Area (km2)	t - Total watch time (Seconds)
Year 1	VP8	0	259200
Year 1	VP14	1.925	259200
Year 2	VP1	0.781	302400
Year 2	VP2	1.283	302400
Year 2	VP4	0.631	302400
Year 2	VP5	2.997	302400
Year 2	VP6	1.74	302400
Year 2	VP7	0.07	302400
Year 2	VP8	0	302400
Year 2	VP14	1.925	302400
Year 3	VP1	0.781	302400
Year 3	VP2	1.283	302400
Year 3	VP4	0.631	302400
Year 3	VP5	2.997	302400
Year 3	VP6	1.74	302400
Year 3	VP7	0.07	302400
Year 3	VP8	0	302400
Year 3	VP14	1.925	302400
Year 4	VP1	0.781	280800
Year 4	VP2	1.283	280800
Year 4	VP4	0.631	280800
Year 4	VP5	2.997	280800
Year 4	VP6	1.74	302400
Year 4	VP7	0.07	302400
Year 4	VP8	0	302400
Year 4	VP14	1.925	302400
Year 5	VP1	0.781	172800
Year 5	VP2	1.283	172800
Year 5	VP4	0.631	172800
Year 5	VP5	2.997	151200
Year 5	VP6	1.74	172800
Year 5	VP7	0.07	172800
Year 5	VP8	0	172800
Year 5	VP14	1.925	172800

Table 5-2 below provides the Areal bird density (D_A) of species recorded within the proposed Littleton Wind Farm study area over the 4.5 years of Vantage Point Surveys.

Table 5-2: Areal bird density (D_A) of species at the proposed Littleton Wind Farm site

Species	Mean bird density (bird-secs/km2)	Standard Deviation
Black-headed Gull	0.00161	0.0047
Black-tailed Godwit	0.00003	0.0002
Buzzard	0.02755	0.0659
Cormorant	0.00001	0.0001
Curlew	0.00027	0.0011
Golden Plover	0.00670	0.0271
Great White Egret	0.00000	0.0000
Green Sandpiper	0.00001	0.0001
Grey Heron	0.00060	0.0009
Greylag Goose	0.00027	0.0012
Hen Harrier	0.00080	0.0031
Kestrel	0.01422	0.0369
Lapwing	0.00217	0.0060
Lesser Black-backed Gull	0.00284	0.0059
Little Egret	0.00043	0.0009
Mallard	0.01055	0.0254
Marsh Harrier	0.00009	0.0004
Merlin	0.00001	0.0000
Mute Swan	0.00030	0.0012
Peregrine	0.00278	0.0128
Ringed Plover	0.00000	0.0000
Snipe	0.00100	0.0020
Sparrowhawk	0.00043	0.0009
Starling	0.00149	0.0079
Swift	0.00432	0.0181
Teal	0.00072	0.0018
Tufted Duck	0.00000	0.0000
Whooper Swan	0.00849	0.0263
Wigeon	0.00009	0.0002

5.2 Proportion of birds flying at risk height (Q_{2R})

Proportion of birds flying at risk height (Q_{2R}) is the proportion of birds recorded flying between the lowest and highest points of the proposed rotor, measured relative to the rotor base. The Collision Risk Model considered the proposed turbine model/dimensions with the rotor sweep zone defined as between 38 m and 200 m.

The surveys recorded the flight heights of birds, using bands of 0-20m, 20-50m, 50-100m and >200m. Height band >200m falls outside the rotor sweep zone. All observations of birds flying exclusively within this band are not flying at risk height and are therefore omitted from the model. In instances where a bird was recorded flying both outside and inside the risk height this observation is included in the model. A total of six target species, namely Kingfisher, Redshank, Scaup, Short-eared Owl, Water Rail and Woodcock were not recorded flying at risk height and therefore the Collison Risk for these species is considered to be zero.

Table 5-3 provides the proportion of birds flying at risk height for each species

The lowest point of the rotor-swept height band (38 m) falls within the height band 20-50m, therefore including all observations which were flying only within this height band would overestimate the proportion of birds flying at risk height as it would also include birds that were flying < 38m in height. The Band (2024) model includes a calculation to refine the proportion of birds flying at risk height in instances where this occurs. Taking Buzzard as an example, 12 m of the rotor height span falls within the 20-50 m height range, so 12/30 of the birds flying within that height range (38.41 % of total observations occurred within 20-50 m band) would be at rotor risk height.

All 149 birds which intersected the 50- 100 m and 100 to 200 m bands (49.34% of all observations) are fully within the rotor-swept height band. Calculation provided below for Buzzard.

Q_{2R} Buzzard

((12/30)* 38.41%)+((50/50)* 46.69%)+((100/100)*2.65%)*100 = 64.7%

Table 5-3: Proportion of birds flying at risk height

Species	Total No. birds observed	No.birds/flights observed only in 20-50m band	Proportion observed 20-50m height band (%)	No.birds/flights observed only in 50-100m band	Proportion observed 50-100m height band (%)	No.birds/flights observed only in 100-200m band	Proportion observed 100-200m height band (%)	Proportion between 38m - 200m
Black-headed Gull	175	68	38.86	42	24.00	2	1.14	40.69%
Black-tailed Godwit	15	0	0.00	15	100.00	0	0.00	100.00%
Buzzard	302	116	38.41	141	46.69	8	2.65	64.70%
Cormorant	2	0	0.00	2	100.00	0	0.00	100.00%
Curlew	51	11	21.57	40	78.43	0	0.00	87.06%
Golden Plover	496	46	9.27	300	60.48	150	30.24	94.44%
Great White Egret	1	1	100	0	0	0	0	40.00%
Green Sandpiper	3	1	33.33	2	66.67	0	0.00	80.00%
Grey Heron	171	53	30.99	5	2.92	0	0.00	15.32%
Greylag Goose	12	8	66.67	0	0.00	0	0.00	26.67%
Hen Harrier	46	16	34.78	1	2.17	0	0.00	16.09%
Kestrel	317	225	70.98	36	11.36	0	0.00	39.75%
Lapwing	58	36	62.07	3	5.17	10	17.24	47.24%
Lesser Black-backed Gull	575	256	44.52	79	13.74	18	3.13	34.68%
Little Egret	82	35	42.68	0	0.00	0	0.00	17.07%
Mallard	699	315	45.06	269	38.48	0	0.00	56.51%
Marsh Harrier	5	1	20.00	0	0.00	0	0.00	8.00%
Merlin	9	2	22.22	0	0.00	0	0.00	8.89%
Mute Swan	24	12	50.00	0	0.00	0	0.00	20.00%
Peregrine	41	19	46.34	14	34.15	0	0.00	52.68%
Ringed Plover	1	0	0.00	1	100.00	0	0.00	100.00%
Snipe	277	53	19.13	13	4.69	0	0.00	12.35%
Sparrowhawk	93	36	38.71	8	8.60	1	1.08	25.16%
Starling	1002	1000	99.80	0	0.00	0	0.00	39.92%

Species	Total No. birds observed	No.birds/flights observed only in 20-50m band	Proportion observed 20-50m height band (%)	No.birds/flights observed only in 50-100m band	Proportion observed 50-100m height band (%)	No.birds/flights observed only in 100-200m band	Proportion observed 100-200m height band (%)	Proportion between 38m - 200m
Swift	48	27	56.25	18	37.50	0	0.00	60.00%
Teal	219	97	44.29	11	5.02	0	0.00	22.74%
Tufted Duck	1	1	100.00	0	0.00	0	0.00	40.00%
Whooper Swan	232	142	61.21	14	6.03	0	0.00	30.52%
Wigeon	21	17	80.95	0	0.00	0	0.00	32.38%

6. RESULTS

6.1 Stage B - Projected number of rotor transits

Table 6-1 provides the predicted number of rotor transits per year for each species assuming birds take no avoiding action. The total number of bird transits expected through rotors is proportional to the number and cross-sectional area of the rotors, and to the density of birds in the airspace at risk height. The total rotor frontal area for the 11 turbine wind farm with a rotor radius of 81 m is 226,732 m^2.

Table 6-1: Projected number of rotor transits per year (assuming no avoidance)

Species	Predicted number of rotor transits each year[5]
Black-headed Gull	185.56
Black-tailed Godwit	11.58
Buzzard	5355.86
Cormorant	4.42
Curlew	80.69
Golden Plover	3167.03
Great White Egret	0.09
Green Sandpiper	2.92
Grey Heron	26.21
Greylag Goose	25.82
Hen Harrier	26.62
Kestrel	1289.53
Lapwing	231.78
Lesser Black-backed Gull	265.06
Little Egret	4.93
Mallard	2491.73
Marsh Harrier	1.52
Merlin	0.24
Mute Swan	31.30
Peregrine	400.10
Ringed Plover	0.00
Snipe	47.75
Sparrowhawk	27.45
Starling	161.44

[5] Number of rotor transits provided to 2 decimal places to provide more accurate figure than the nearest whole number in the CRM model data sheets in Appendix 1.

Species	Predicted number of rotor transits each year[5]
Swift	615.46
Teal	72.51
Tufted Duck	0.32
Whooper Swan	724.92
Wigeon	13.57

6.2 Stage C - Probability of collision for a single rotor transit (assuming no avoidance)

This stage uses information on the size and speed of the turbines and physical details on the size and speed of the bird to compute the risk of collision for a bird flying through a rotating rotor.

It is assumed that birds can avoid stationary infrastructure, so no account is taken of the turbine towers or the blades when stationary. The model evaluates the probability of a bird colliding if it passes at random at any point through the rotor disk on a flight path perpendicular to the rotor plane.

Table 6-2: Single transit risk

Species	Single transit risk - weighted mean (%)
Black-headed Gull	5.23%
Black-tailed Godwit	4.89%
Buzzard	5.81%
Cormorant	7.20%
Curlew	5.50%
Golden Plover	4.32%
Great White Egret	25.35%
Green Sandpiper	4.46%
Grey Heron	8.17%
Greylag Goose	6.52%
Hen Harrier	6.61%
Kestrel	5.37%
Lapwing	5.11%
Lesser Black-backed Gull	6.43%
Little Egret	18.00%
Mallard	5.27%
Marsh Harrier	6.79%
Merlin	4.94%
Mute Swan	7.58%

Species	Single transit risk - weighted mean (%)
Peregrine	5.50%
Ringed Plover	4.04%
Snipe	4.20%
Sparrowhawk	5.07%
Starling	4.42%
Swift	4.20%
Teal	4.40%
Tufted Duck	4.68%
Whooper Swan	12.91%
Wigeon	4.77%

6.3 Stage D - Multiplying to yield expected collisions per year (considering operational time of proposed wind farm)

Stage B estimated the likely number of flights through rotors across the wind farm; Stage C calculated the risk of collision for each single bird transit through a rotor. Stage D multiplies these together to yield an estimate of total potential collision risk, including a factor to allow for the proportion of time that the wind turbines are operational. This is before considering avoidance behaviour, which is stage E.

The proportion of time turbines are operational Q_{op} for the proposed wind farm is 85% (year average for all 12 months). This includes down-time for maintenance as well as time inactive because of low-wind or storm conditions.

Table 6-3: Collision rate per year before avoidance

Species	Collision rates / year (before avoidance)
Black-headed Gull	8.25
Black-tailed Godwit	0.48
Buzzard	264.31
Cormorant	0.27
Curlew	3.77
Golden Plover	116.33
Great White Egret	0.02
Green Sandpiper	0.11
Grey Heron	1.82
Greylag Goose	1.43
Hen Harrier	1.50
Kestrel	58.87

Species	Collision rates / year (before avoidance)
Lapwing	10.06
Lesser Black-backed Gull	14.49
Little Egret	0.75
Mallard	111.53
Marsh Harrier	0.09
Merlin	0.01
Mute Swan	2.02
Peregrine	18.70
Ringed Plover	0.00
Snipe	1.70
Sparrowhawk	1.18
Starling	6.07
Swift	21.95
Teal	2.71
Tufted Duck	0.01
Whooper Swan	79.57
Wigeon	0.55

6.4 Stage E - Applying the avoidance rate

The preceding stages of the model assume that birds take no avoiding action in response to wind turbines. In reality, birds mostly take action to avoid collision with wind turbines.

The avoidance rate factors used are as recommended by Scottish Natural Heritage (SNH, 2010, 2018; NatureScot, 2019, 2025b).

Golden plover have been recorded in low numbers as collision fatalities at wind farms (Hoetker et al., 2006; Grunkorn 2011). The SNH guidance (SNH, 2018) does not provide a specific avoidance rate for Golden Plover, but states that for species not covered by the guidance "*we recommend a default value of 98%*".

However, a review (Gittings, 2022) of the development of the SNH/NatureScot avoidance rate guidance shows that the default avoidance rate of 98% is not based on any published empirical evidence, the trend is for avoidance rates to increase as more data becomes available, and the guidance does not always reflect the latest evidence on species specific avoidance rates. Therefore, the lack of a species-specific avoidance rate for Golden Plover in the SNH avoidance rate guidance does not necessarily mean that there is not any robust data available that could be used to develop a species-specific avoidance rate for Golden Plover.

Based on 3 years of post-construction monitoring at operational wind farm sites (Gittings, 2022) indicates a much higher avoidance rate should be applied for non-breeding Golden Plover populations. The studies had robust survey methodologies and were carried out at wind farm sites with high levels of Golden Plover flight activity. The review considers that an avoidance rate of 99.8% is a suitable precautionary estimate for wintering Golden Plover.

In further support of a high micro-avoidance rate, a study in the Netherlands of three operational wind farms where Golden Plovers were both diurnally and nocturnally active found no fatalities (Krijgsveld et al., 2009). Golden plovers were not recorded breeding within the 500 m turbine envelope during the survey period which reduces magnitude. The 99.8% avoidance rate reflects the high micro-avoidance rate of the species.

Table 6-4: Results of CRM assuming avoidance[6]

Species	No. of predicted collisions per year	No. of years between predicted collisions	No. predicted collisions per 35 years	Avoidance Rate (%)
Black-headed Gull	0.07	14.11	2.5	99.20%
Black-tailed Godwit	0.01	103.85	0.34	98.00%
Buzzard	**5.29**	**0.19**	**185.15**	**98.00%**
Cormorant	0.01	184.79	0.19	98.00%
Curlew	0.08	12.50	2.80	98.00%
Golden Plover	0.23	4.28	8.2	99.80%
Great White Egret	0.00	2480.57	0.01	98.00%
Green Sandpiper	0.00	451.24	0.08	98.00%
Grey Heron	0.04	23.08	1.52	98.00%
Greylag Goose	0.01	139.74	0.25	99.50%
Hen Harrier	0.01	66.81	0.52	99.00%
Kestrel	**2.94**	**0.34**	**102.9**	**95.00%**
Lapwing	0.20	4.97	7.04	98.00%
Lesser Black-backed Gull	0.07	13.80	2.54	99.50%
Little Egret	0.02	66.26	0.53	98.00%
Mallard	**2.23**	**0.45**	**78.05**	**98.00%**
Marsh Harrier	0.00	1142.88	0.03	98.00%
Merlin	0.00	4936.50	0.01	98.00%
Mute Swan	0.01	99.15	0.00	99.50%
Peregrine	0.37	2.67	13.09	98.00%

[6] With correction factors applied for the following: avoidance rates, operating time, and the fact that 99.59% and not 100% of the study area was visible during surveys. Where the number of predicted collisions is shown as 0.00, it means the number of predicted collisions are <0.01 per year. Species with >1 predicted collisions per year (assuming avoidance) are emboldened.

Species	No. of predicted collisions per year	No. of years between predicted collisions	No. predicted collisions per 35 years	Avoidance Rate (%)
Ringed Plover	0.00	NA[7]	0.00	98.00%
Snipe	0.03	29.37	1.19	98.00%
Sparrowhawk	0.02	44.40	0.79	98.00%
Starling	0.12	8.24	4.25	98.00%
Swift	0.44	2.27	15.40	98.00%
Teal	0.05	18.42	1.90	98.00%
Tufted Duck	0.00	3984.86	0.01	98.00%
Whooper Swan	0.40	2.50	14.00	99.50%
Wigeon	0.01	90.97	0.38	98.00%

With the exception of Buzzard, Kestrel and Mallard, the predicted collisions per year for the remaining target species were less than one.

The proposed wind farm is however predicted to result in 5.29 Buzzard collisions, 2.94 Kestrel collisions and 2.23 Mallard collisions per year according to the CRM. While the predicted collision rates for these species are higher due to recorded bird activity and numbers of birds observed, it is noted that the model provides a conservative estimate, and the number of actual collisions is likely to be lower. It is noted that the model assumes that a bird can collide multiple times or is immediately replaced after colliding which is not the case, and as such there is built-in precaution in the model which can give rise to overestimates of collision rates.

Swift, Peregrine, Whooper Swan, Golden Plover, Lapwing, Starling, Curlew, Black-headed Gull, Lesser Black-backed Gull, Teal, Grey Heron, Snipe, Little Egret and Sparrowhawk collisions are predicted to occur at lower rates, ranging from 0.02 to 0.44 per year. The predicted collision rate for Black-tailed Godwit, Cormorant, Greylag Goose, Hen Harrier, Mute Swan and Wigeon is 0.01 per year.

A total of six species, namely Green Sandpiper, Great White Egret, Marsh Harrier, Merlin, Ringed Plover and Tufted Duck have predicted collisions rates below 0.00 per year. No collisions whatsoever are predicted for Ringed Plover, as indicated in Table 6-4.

The numbers of predicted yearly collisions for species which are either close to or at zero or and are considered negligible.

6.5 Alternative Calculation: Local Breeding Curlew Population Collision Risk

Due to the regular occurrence of post-breeding curlew in the area, the predicted collision rate calculated above based on all observations of curlew within the collision risk zone does not accurately characterise potential collision effects on the local breeding population. As such, an alternative scenario was modelled for the local breeding population.

[7] The collision risk model predicted no collisions whatsoever for ringed plover.

The alternative scenario conservatively omitted just one observation: a flock of 31 curlew observed at VP6 on 31/07/2024, which can reasonably be assumed to be a post-breeding flock separate from the local breeding pair.

This alternative calculation remains conservative due to inclusion of smaller flocks and two winter records, which have been retained within the model on a precautionary basis.

6.5.1 Stage A – Flight Activity

Table 6-5: Aerial Bird Density (local curlew population)

Species	Mean bird density (bird-secs/km2)	Standard Deviation
Curlew	0.00013	0.0003

Table 6-6: Proportion of birds flying at risk height (local curlew population)

Species	Total No. birds observed	No.birds/flights observed only in 20-50m band	Proportion observed 20-50m height band (%)	No.birds/flights observed only in 50-100m band	Proportion observed 50-100m height band (%)	No.birds/flights observed only in 100-200m band	Proportion observed 100-200m height band (%)	Proportion between 38m - 200m
Curlew	20	11	55	11	45	0	0.00	67.00%

6.5.2 Stages B to D (Projected Rotor Transits, Single Transit Risk, Collision Rate Before Avoidance

Table 6-7: Stages B to D (local curlew population)

Species	Stage B: Projected No. Rotor Transits	Stage C: Single Transit Risk	Stage D: Collision rate per year before avoidance
Curlew	28.62	5.50%	1.34

6.5.3 Stage E - Applying the Avoidance Rate

Table 6-8: Predicted Collision Rate with Avoidance (local curlew population)

Species	No. of predicted collisions per year	No. of years between predicted collisions	No. predicted collisions per 35 years	Avoidance Rate (%)
Curlew	0.03	33.33	1.05	98.00%

This alternative calculation indicates a lower collision rate of 0.03 per year for the local population versus the predicted collision rate based on inclusion of all observed curlew activity within the collision risk zone.

7. DISCUSSION

The Band CRM model involves making a number of assumptions. The amount of time that a species may be active within the site is also required for the model and must be estimated with respect to the bird species' known behaviour and observations of its occurrence at the study area.

The model assumes that no action is taken by a bird to avoid collision, so that the unadjusted collision risk figures derived are purely theoretical and represent worst case estimates. In reality, birds are able to perceive potential obstacles while in flight and actively take avoiding action. Given the general absence of empirically derived avoidance estimates for individual species, additional assumptions about likely levels of active avoidance on the part of birds are generally made in order to draw conclusions. Available evidence to date (SNH, 2010; SNH, 2017; Fernley *et al*., 2006; Whitfield & Madders, 2006; Whitfield, 2009; Whitfield & Urquhart, 2015) suggests that avoidance rates are well in excess of 95%. Accordingly, outputs from collision risk analysis where precautionary avoidance rates are used must be interpreted with care.

The main influence on the final result of collision risk analysis is the avoidance rate that is applied to the model; and without accurate avoidance rates, the usefulness of the model as a predictor of impact can be badly impaired. The avoidance rate factors used are those that are currently recommended by SNH (SNH, 2010, 2018; NatureScot, 2019, 2025b). These avoidance rates are widely considered to be highly precautionary in nature. It should be remembered that the difference between an avoidance factor of 98% and 99% will have the effect of doubling the calculated annual collision rate. In many cases where collision mortality has been monitored for operating wind farms, observed mortality has been below that which was predicted by modelling pre-construction bird survey data.

In the case of the calculations for the proposed Littleton Wind Farm, a conservative approach was taken in the choice of which bird flights to include in the collision risk calculations. In addition, a worst-case scenario i.e., shortest rotation time (top turbine rotating speed) and birds flapping, rather than gliding has been used. Other studies use the mean of the worst-case scenario and best-case scenario (longest rotation period and bird gliding rather than flapping) probabilities. Finally, the calculations have used the conservative downtime estimate (15%, or turbines rotating 85% of the time), but in reality, this level of downtime may be greater. A conservative correction factor was also applied to the recorded flight durations based on the assumption that 99.59% of the study area was visible during surveys. Therefore, the likely empirical collision mortality figures should be lower than those presented here.

All species where the number of predicted collisions are higher than zero are considered further, in addition to species selected for further assessment based on susceptibility to collision or conservation status meriting a precautionary approach.

Black-headed Gull were assessed due to the presence of a breeding population at the site. Golden plover were assessed due to occasional commuting and infrequent potential migratory flights through the site. Peregrine were assessed due to their activity levels at the site, in addition to the presence of breeding sites and a relatively dense population in the locality/region. Swift were assessed due to potential susceptibility to collision effects. Whooper swan were assessed due to the presence of a local wintering population and commuting and roosting occurring across the site. Hen harrier were assessed due to their conservation status and the presence of two hen harrier SPAs in the wider region. Starling were assessed due to the occurrence of a large flock (1,000 birds) on one occasion. Curlew were assessed due to their poor conservation status, low level of breeding success and limited breeding distribution in the region (only one breeding territory is known in the locality/wider region).

The population-level consequences of predicted collision risks can be assessed by considering the additional mortality that would be caused (assuming that the collision risk is non-additive) relative to the population at a national and county level.

The potential increase in annual mortality rates for Buzzard, Black headed gull, Golden Plover, Mallard, Kestrel, Peregrine, Swift, Whooper Swan, Hen Harrier, Starling and Curlew is shown in Table 7-1 and Table 7-2. This indicates that collision mortality would remain negligible at a national level for all these species based on assessment within the Percival (2003) framework. Collision risk at local level would also remain negligible for Black headed gull, Golden Plover, Mallard, Whooper Swan, Hen Harrier and Starling.

Predicted collision effects at SPA level remain negligible for Hen Harrier for both of the SPAs in the region (Slieve Bloom Mountains SPA and Slievefelim to Silvermines Mountains SPA).

Predicted collision effects at local level are identified as low for Peregrine, Curlew and Swift, and high for Buzzard and Kestrel.

Due to the observed regular influx of post-breeding curlew in July, an alternative calculation of collision risk was undertaken for the local breeding population which omitted a single record of a flock of 31 curlew which can reasonably be assumed to be a post-breeding flock separate from the local breeding pair. This alternative calculation remains conservative due to inclusion of smaller flocks and two winter records, which were retained within the model on a precautionary basis.

While the predicted effect of collision mortality for curlew is assessed as low and negligible at local and national level respectively (see Table 7-2), there is potential for these effects to be of higher magnitude due to the poor conservation status of this species, and limited recruitment to the breeding adult cohort arising from predation pressure which is considered applicable across the population. Since only a single pair is present at Littleton (and within the wider region), potential loss of one breeding adult from the local population through collision could result in loss of the local breeding population. The highest concentration of curlew flight activity within the 500m turbine buffer was noted to occur in the area of T01 to T03, while the highest concentration of flight activity outside the 500m buffer was observed in the area of Derryhogan Lakes (territory occupied by local breeding pair). Potential effects on curlew are assessed in further detail within EIAR Chapter 7 Ornithology.

It is also noted that the 85% operational time per year for turbines used in the model is a highly conservative estimate, utilised based on a 'typical' estimate of 15% non-operational time noted in Band (2024). A higher proportion of non-operational time is likely to occur in real-world conditions, and the maximum rotational speed indicated in Table 2-1 will not be attained at all times when the turbines are operating. As such, the operating conditions factored into the model represent a highly conservative estimate, utilised on a precautionary basis.

Table 7-1: Calculations of potential increases in annual mortality rates due to the predicted collision mortality (Part 1)

Parameter	Description	Source / Calculation	Buzzard		Black headed gull		Golden Plover		Mallard		Kestrel			Peregrine	
			National Population	Local Population	National Population	Local Population	National Population	Local Population	National Population	Local Population	National Population	County Population	Local Population	National Population	Local Population
pop	Population size	Various sources (see sources/notes row below)	3000	12.9	22,000	210	80707	245	18810	170	16470	1004.67	12.9	1030	14
surv	Annual survival rate	Adult survival rates from www.bto.org/understanding-birds/birdfacts	0.9	0.9	0.9	0.9	0.73	0.73	0.627	0.627	0.69	0.69	0.69	0.81	0.81
mort(back)	Annual background mortality	pop*(1-surv)	300	1.29	2200	21	21790.89	66.15	7016.13	63.41	5105.7	311.4477	3.999	195.7	2.66
mort(coll)	Predicted annual collision mortality	Predicted collision rates from CRM	5.29	5.29	0.07	0.07	0.23	0.23	2.23	2.23	2.94	2.94	2.94	0.37	0.37
%mort(increase)	Percentage increase in annual mortality rate due to collisions		1.763	410.078	0.003	0.338	0.001	0.353	0.032	3.517	0.058	0.944	73.518	0.191	14.057
	Percentage of population potentially affected by collision mortality		0.1763	41.0078	0.0003	0.0338	0.0003	0.0954	0.0119	1.3118	0.0179	0.2926	22.7907	0.0363	2.6707
	Species sensitivities	* Listed on new Birds of Conservation Concern in Ireland (BoCCI) 2021 list. * > 1% of the national population an significant percentage of the population. * Annex I listed species under the Birds Directive - European protected species. * QI for nearby SPA. was checked but no SPAs within the 15km the closest SPAs are protected for Hen Harrier.	Green listed species due to it ongoing recolonisation of Ireland which has occurred over the last 20 years.		Amber listed (BoCCI, 2021)		Annex I Protected species under the Bird Directive. Amber listed in the new BoCCI, 2021 list, down from Red.		Amber listed (BoCCI, 2021)		The current conservation status of Kestrel has increased from Amber (Medium Conservation concern) to Red (High Conservation concern) in the new BoCCI 2021 list.			Annex I Protected species under the Bird Directive.Green listed in the new BoCCI, 2021 list.	
Magnitude (Percival, 2003)			<1% (Negligible)	41% (High)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	1.3% (Low)	<1% (Negligible)	<1% (Negligible)	23% (High)	<1% (Negligible)	2.7% (Low)
Sources/Notes:			NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012 (est number of pairs x2)	From Crowe et al Kestrel 1.29 bird per KM2 assuming similar density to Kestrel for Buzzard. Wind farm occupying 10km square as local area	Seabird Census 2015-2021	Calculated based on Mean counts from neighbouring I-WeBS sites and numbers within the site during surveys.	IWM 106 (2019) Irish Wetland Bird Survey 2009/10 – 2015/16	Calculated based on Mean counts from neighbouring I-WeBS sites and average flock size of casually occurring migratory or wintering birds flying through site	IWM 106 (2019) Irish Wetland Bird Survey 2009/10 – 2015/16	Calculated based on Mean counts from neighbouring I-WeBS sites and numbers within the site during surveys.	NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012	Estimate based on proportion of population split by county area, used due to a lack of a county estimate [Co. Tipp = 6.1% of ROI}	From Crowe et al Kestrel 1.29 bird per KM2 & wind farm occupying 10km square as local area	NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012 (est number of pairs x2)	Estimate based on NPWS data & distribution of suitable breeding sites, assuming 3 breeding pairs & highly conservative estimate of 1 chick fledged

Table 7-2: Calculations of potential increases in annual mortality rates due to the predicted collision mortality (Part 2)

Parameter	Description	Source / Calculation	Swift		Whooper Swan		Hen Harrier				Starling		Curlew		
			National Population	Local Population	National Population	Local Population	National Population	Slieve Bloom SPA	Silvermines/ Slievefelim SPA	Local Population	National Population	Local Population	National Population	Local Population (Br)	Local Population (Passage)
pop	Population size	Various sources (see sources/notes row below)	52645	13	10520	138	95.5	18	20	2	1473510	1000	210	2	20
surv	Annual survival rate	Adult survival rates from www.bto.org/understanding-birds/birdfacts	0.76	0.76	0.8	0.8	0.778	0.778	0.778	0.778	0.69	0.69	0.89	0.89	0.89
mort(back)	Annual background mortality	pop*(1-surv)	12634.8	3.12	2104	27.6	21.201	3.996	4.44	0.444	456788.1	310	23.1	0.22	2.2
mort(coll)	Predicted annual collision mortality	Predicted collision rates from CRM	0.44	0.44	0.40	0.40	0.01	0.01	0.01	0.01	0.12	0.12	0.08	0.03	0.08
%mort(increase)	Percentage increase in annual mortality rate due to collisions		0.003	14.103	0.019	1.449	0.071	0.375	0.337	3.371	0.000	0.039	0.346	13.636	3.636
	Percentage of population potentially affected by collision mortality		0.0008	3.3846	0.0038	0.2899	0.0157	0.0832	0.0748	0.7484	0.0000	0.0120	0.0381	1.5000	0.4000
	Species sensitivities	* Listed on new Birds of Conservation Concern in Ireland (BoCCI) 2021 list. * > 1% of the national population an significant percentage of the population. * Annex I listed species under the Birds Directive - European protected species. * QI for nearby SPA. was checked but no SPAs within the 15km the closest SPAs are protected for Hen Harrier.	Red listed (BoCCI, 2021)		Annex I Protected species under the Bird Directive. Amber listed in the new BoCCI, 2021 list.		Annex I Protected species under the Bird Directive. Amber listed in the new BoCCI, 2021 list.				Amber listed (BoCCI, 2021)		Red listed (BoCCI, 2021)		Red listed (BoCCI, 2021)
Magnitude (Percival, 2003)			<1% (Negligible)	3.4% (Low)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	<1% (Negligible)	1.5 % (Low)	<1% (Negligible)
Sources/Notes:			NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012	Combined peak counts from viewshed clusters	NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012 (est number of pairs x2)	Peak count of whooper swans grazing at HVP11 adjacent to Littleton Bog	NPWS (2024) The 2022 National Survey of breeding Hen Harrier in Ireland (number of pairs x2)	NPWS (2024) The 2022 National Survey of breeding Hen Harrier in Ireland	NPWS (2024) The 2022 National Survey of breeding Hen Harrier in Ireland	Conservative estimate based on sightings wihtin the flight activity survey area	NPWS (2012) Article 12 Report - Ireland's bird species' status and trends for the period 2008-2012 (est number of pairs x2)	Peak count from VP siurveys	NPWS (2021) Status and Distribution of Breeding Eurasian Curlew in Ireland 2021	Littleton Breding Wader survey results; NPWS (2021) Status and Distribution of Breeding Eurasian Curlew in Ireland 2021	Littleton Breeding Wader survey results (Avg. flock size July post-breeding dispersal)

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FEHILY TIMONEY

DESIGNING AND DELIVERING
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APPENDIX 1

CRM Species Sheets

Black-headed Gull

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes														
2			Calculated output is in		blue	boxes														
3					green	boxes are for information only, to show variables used at each stage														
4																				
5			Value	Units					Value	Units					Value	Units				
6	**Bird data**					**Windfarm data**						**Turbine data**								
7	Species name		**Black-headed Gull**			Site name			**Littleton**			Model			**Vesta 162 6.2MW**					
8	Bird length	L	0.37	m		Latitude			52.64442	degrees		Hub height			119	m				
9	Wingspan	W	1.1	m		No of turbines	T		11			Rotor radius	R		81	m				
10	Bird flight speed	v	12.5	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3					
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm				
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m				
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees				
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m				
15																				
16	normal approach		Set to 'normal approach' to use survey data on bird density																	
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																	
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge	
19	Daytime bird density	D_A		birds/km^2		0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615	0.001615		0.0016	
20	Proportion at rotor risk height	Q_{2R}	40.69%																	
21	At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4	
22			Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6	
23	**Stage B**																			
24	No of turbines	T	11																	
25	Rotor radius	R	81	m																
26			Total rotor frontal area m^2		226732															
27	Nocturnal activity factor	f_{night}	0%																	
28	Bird flight speed	v	12.5	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total	
29			Projected number of rotor transits			10.6	11.4	15.2	17.3	20.2	20.8	20.9	18.9	15.8	13.7	10.9	9.9		**186**	
30	**Stage C**																			
31	No of blades	b	3				Bird length	l	0.37	m										
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	1.1	m										
33	Rotor radius	R	81	m			Bird flight speed	v	12.5	m s^{-1}										
34	Max blade width	C	4.2	m			Flight type		flapping											
35	Pitch	λ	6	degrees	% of flights upwind/downwind				50%	50%										
36	Blade profile		see Blade profile sheet																	
37			Single transit risk		upwind	6.42%														
38					downwind	4.04%														
39					weighted mean	**5.23%**														
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge	
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%	
42																				
43						Collision rates before avoidance														year total	
44						0.47	0.51	0.67	0.77	0.90	0.93	0.93	0.84	0.70	0.61	0.49	0.44		**8**	
45	**Stage E**																			
46	Allow for large array correction?		No																	
47	Width of windfarm	w	2	km																
48				large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year	
49						Collision rates allowing for avoidance															
50	Avoidance rates modelled		95.00%	100.00%		0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.04	0.04	0.03	0.02	0.02		**0.4**	
51			98.00%	100.00%		0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01		**0.2**	
52			99.00%	100.00%		0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00		**0.1**	
53			99.20%	100.00%		0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00		**0.1**	
54																				

Black-tailed Godwit

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
6	**Bird data**					**Windfarm data**							**Turbine data**						
7	Species name	**Black-tailed Godwit**				Site name			**Littleton**				Model	**Vesta 162 6.2MW**					
8	Bird length	L	0.4	m		Latitude			52.64442	degrees			Hub height		119	m			
9	Wingspan	W	0.76	m		No of turbines		T	11				Rotor radius	R	81	m			
10	Bird flight speed	v	15.6	m s^{-1}		Width of windfarm		w	2	km			No of blades	b	3				
11	Flight type, flapping or gliding		flapping										Rotation speed	Ω	12.6	rpm			
12	% of flights upwind/downwind		50%	50%									Max blade width	C	4.2	m			
13	Nocturnal activity ranking 1-5		1										Blade pitch	λ	6	degrees			
14	Nocturnal activity factor	f_{night}	0%										Risk height range		38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_A		birds/km^2		3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05		0.0000
20	Proportion at rotor risk height	Q_{2R}	100.00%																
21	At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			Total rotor frontal area m^2		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	15.6	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			Projected number of rotor transits			0.7	0.7	0.9	1.1	1.3	1.3	1.3	1.2	1.0	0.9	0.7	0.6		**12**
30	**Stage C**																		
31	No of blades	b	3				Bird length		l	0.4	m								
32	Rotation speed	Ω	12.6	rpm			Wingspan		w	0.76	m								
33	Rotor radius	R	81	m			Bird flight speed		v	15.6	m s^{-1}								
34	Max blade width	C	4.2	m			Flight type			flapping									
35	Pitch	λ	6	degrees		% of flights upwind/downwind				50%	50%								
36	Blade profile		see Blade profile sheet																
37			Single transit risk		upwind	5.85%													
38					downwind	3.94%													
39					weighted mean	**4.89%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						Collision rates before avoidance														year total
44						0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.04	0.04	0.03	0.03		**0**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						Collision rates allowing for avoidance														
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.20%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Buzzard

COLLISION RISK MODEL		Required input data is in	orange	boxes															
		Calculated output is in	blue	boxes															
			green	boxes are for information only, to show variables used at each stage															
		Value	Units					Value	Units						Value	Units			
Bird data				**Windfarm data**						**Turbine data**									
Species name		**Buzzard**		Site name				**Littleton**		Model		**Vesta 162 6.2MW**							
Bird length	L	0.52	m	Latitude				52.6444	degrees	Hub height		119	m						
Wingspan	W	1.2	m	No of turbines	T			11		Rotor radius	R	81	m						
Bird flight speed	v	13.3	m s^{-1}	Width of windfarm	w			2	km	No of blades	b	3							
Flight type, flapping or gliding		flapping								Rotation speed	Ω	12.6	rpm						
% of flights upwind/downwind		50%	50%							Max blade width	C	4.2	m						
Nocturnal activity ranking 1-5		1								Blade pitch	λ	6	degrees						
Nocturnal activity factor	f_{night}	0%								Risk height range		38-200	m						
normal approach		Set to 'normal approach' to use survey data on bird density																	
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																	
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_A		birds/km^2			0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.02755	0.0275	
Proportion at rotor risk height	$Q_{2/R}$	64.70%																	
At latitude 52.6		Daylight hours per month				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																			
No of turbines	T	11																	
Rotor radius	R	81	m																
		Total rotor frontal area m^2		226732															
Nocturnal activity factor	f_{night}	0%																	
Bird flight speed	v	13.3	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits				304.7	329.0	437.8	498.1	582.8	600.5	604.5	545.3	456.3	395.2	315.2	286.4	**5356**	
Stage C																			
No of blades	b	3				Bird length		l	0.52	m									
Rotation speed	Ω	12.6	rpm			Wingspan		w	1.2	m									
Rotor radius	R	81	m			Bird flight speed		v	13.3	m s^{-1}									
Max blade width	C	4.2	m			Flight type			flapping										
Pitch	λ	6	degrees			% of flights upwind/downwind			50%	50%									
Blade profile		see Blade profile sheet																	
		Single transit risk		upwind	6.93%														
				downwind	4.69%														
				weighted mean	**5.81%**														
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
						Collision rates before avoidance													year total
						15.04	16.24	21.60	24.58	28.76	29.64	29.83	26.91	22.52	19.50	15.56	14.14	**264**	
Stage E																			
Allow for large array correction?		No																	
Width of windfarm	w	2	km																
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
						Collision rates allowing for avoidance													
Avoidance rates modelled		95.00%	100.00%			0.75	0.81	1.08	1.23	1.44	1.48	1.49	1.35	1.13	0.98	0.78	0.71	**13.2**	
		98.00%	100.00%			0.30	0.32	0.43	0.49	0.58	0.59	0.60	0.54	0.45	0.39	0.31	0.28	**5.3**	
		99.00%	100.00%			0.15	0.16	0.22	0.25	0.29	0.30	0.30	0.27	0.23	0.20	0.16	0.14	**2.6**	
		99.50%	100.00%			0.08	0.08	0.11	0.12	0.14	0.15	0.15	0.13	0.11	0.10	0.08	0.07	**1.3**	

Cormorant

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Cormorant**			Site name			**Littleton**			Model	**Vesta 162 6.2MW**						
8	Bird length	L	0.86	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	1.35	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	13.9	$m\ s^{-1}$		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		$birds/km^2$		1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05	1.41E-05		0.0000
20	Proportion at rotor risk height	Q_{ER}	100.00%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	13.9	$m\ s^{-1}$		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.3	0.3	0.2		**4**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.86	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	1.35	m									
33	Rotor radius	R	81	m			Bird flight speed	v	13.9	$m\ s^{-1}$									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	8.27%													
38					**downwind**	6.12%													
39					**weighted mean**	**7.20%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.01		**0**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						**Collision rates allowing for avoidance**														
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.20%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			
55																			

Curlew

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Curlew**			Site name			**Littleton**			Model		**Vesta 162 6.2MW**					
8	Bird length	L	0.525	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.975	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	15	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	normal approach		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_A		birds/km^2		0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273	0.000273		0.0003
20	Proportion at rotor risk height	Q_{2R}	87.06%																
21	At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			Total rotor frontal area m^2		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	15	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			Projected number of rotor transits			4.6	5.0	6.6	7.5	8.8	9.0	9.1	8.2	6.9	6.0	4.7	4.3		**81**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.525	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	0.975	m								
33	Rotor radius	R	81	m				Bird flight speed	v	15	m s^{-1}								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees		% of flights upwind/downwind				50%	50%								
36	Blade profile		see Blade profile sheet																
37			Single transit risk		upwind	6.49%													
38					downwind	4.51%													
39					weighted mean	**5.50%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						Collision rates before avoidance														year total
44						0.21	0.23	0.31	0.35	0.41	0.42	0.43	0.38	0.32	0.28	0.22	0.20		**4**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						Collision rates allowing for avoidance													
50	Avoidance rates modelled		95.00%	100.00%		0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01		**0.2**
51			98.00%	100.00%		0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00		**0.1**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Curlew (Local Population)

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Golden Plover

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Golden Plover**			Site name			**Littleton**			Model		**Vesta 162 6.2MW**					
8	Bird length	L	0.28	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.72	m		No of turbines		T	11			Rotor radius		R	81	m			
10	Bird flight speed	v	17.9	m s^{-1}		Width of windfarm		w	2	km		No of blades		b	3				
11	Flight type, flapping or gliding		flapping									Rotation speed		Ω	12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width		C	4.2	m			
13	Nocturnal activity ranking 1-5		2									Blade pitch		λ	6	degrees			
14	Nocturnal activity factor	f_{night}	25%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696	0.006696		0.0067
20	Proportion at rotor risk height	Q_{ER}	94.44%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	25%																
28	Bird flight speed	v	17.9	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			215.2	213.6	262.9	281.0	314.8	317.7	322.5	301.4	266.1	247.6	215.5	208.7		**3167**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.28	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	0.72	m								
33	Rotor radius	R	81	m				Bird flight speed	v	17.9	m s^{-1}								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees	% of flights upwind/downwind					50%	50%								
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	5.15%													
38					**downwind**	3.49%													
39					**weighted mean**	**4.32%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						7.91	7.85	9.66	10.32	11.56	11.67	11.85	11.07	9.77	9.10	7.92	7.66		**116**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						**Collision rates allowing for avoidance**														
50	Avoidance rates modelled		95.00%	100.00%		0.40	0.39	0.48	0.52	0.58	0.58	0.59	0.55	0.49	0.45	0.40	0.38		**5.8**
51			98.00%	100.00%		0.16	0.16	0.19	0.21	0.23	0.23	0.24	0.22	0.20	0.18	0.16	0.15		**2.3**
52			99.00%	100.00%		0.08	0.08	0.10	0.10	0.12	0.12	0.12	0.11	0.10	0.09	0.08	0.08		**1.2**
53			99.80%	100.00%		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02		**0.2**
54																			
55																			

Great White Egret

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Green Sandpiper

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name	**Green Sandpiper**				Site name			**Littleton**			Model	**Vesta 162 6.2MV**						
8	Bird length	L	0.22	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.42	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	11.1	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05	1.46E-05		0.0000
20	Proportion at rotor risk height	Q_{RR}	80.00%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	11.1	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2		**3**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.22	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	0.42	m									
33	Rotor radius	R	81	m			Bird flight speed	v	11.1	m s^{-1}									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees			% of flights upwind/downwind		50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	5.80%													
38					**downwind**	3.12%													
39					**weighted mean**	**4.46%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		**0**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						**Collision rates allowing for avoidance**														
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.20%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			
55																			

Greylag Goose

COLLISION RISK MODEL		Required input data is in		orange	boxes														
		Calculated output is in		blue	boxes														
				green	boxes are for information only, to show variables used at each stage														
		Value	Units					Value	Units						Value	Units			
Bird data					**Windfarm data**							**Turbine data**							
Species name		**Greylag Goose**			Site name			**Littleton**				Model		**Vestas 162 6.2MV**					
Bird length	L	0.79	m		Latitude			52.64442	degrees			Hub height			119	m			
Wingspan	W	1.59	m		No of turbines	T		11				Rotor radius	R		81	m			
Bird flight speed	v	16	m s^{-1}		Width of windfarm	w		2	km			No of blades	b		3				
Flight type, flapping or gliding		flapping										Rotation speed	Ω		12.6	rpm			
% of flights upwind/downwind		50%	50%									Max blade width	C		4.2	m			
Nocturnal activity ranking 1-5		1										Blade pitch	λ		6	degrees			
Nocturnal activity factor	f_{night}	0%										Risk height range			38-200	m			
normal approach		Set to 'normal approach' to use survey data on bird density																	
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																	
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_A		birds/km^2			0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.000268	0.0003	
Proportion at rotor risk height	Q_{ER}	26.67%																	
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																			
No of turbines	T	11																	
Rotor radius	R	81	m																
		Total rotor frontal are		226732															
Nocturnal activity factor	f_{night}	0%																	
Bird flight speed	v	16	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits				1.5	1.6	2.1	2.4	2.8	2.9	2.9	2.6	2.2	1.9	1.5	1.4	**26**	
Stage C																			
No of blades	b	3					Bird length	l	0.79	m									
Rotation speed	Ω	12.6	rpm				Wingspan	w	1.59	m									
Rotor radius	R	81	m				Bird flight speed	v	16	m s^{-1}									
Max blade width	C	4.2	m				Flight type		flapping										
Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%									
Blade profile		see Blade profile sheet																	
		Single transit risk		**upwind**	7.45%														
				downwind	5.59%														
				weighted mean	**6.52%**														
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
					Collision rates before avoidance													year total	
						0.08	0.09	0.12	0.13	0.16	0.16	0.16	0.15	0.12	0.11	0.08	0.08	**1**	
Stage E																			
Allow for large array correction?		No																	
Width of windfarm	w	2	km																
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
					Collision rates allowing for avoidance														
Avoidance rates modelled		95.00%	100.00%			0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	**0.1**	
		98.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.50%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	

Grey Heron

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**									**Turbine data**				
7	Species name		**Heron**			Site name			**Littleton**						Model	**Vesta 162 6.2MW**			
8	Bird length	L	0.98	m		Latitude			52.64442	degrees					Hub height	119	m		
9	Wingspan	W	1.6	m		No of turbines	T		11						Rotor radius	R	81	m	
10	Bird flight speed	v	12.7	m s^{-1}		Width of windfarm	w		2	km					No of blades	b	3		
11	Flight type, flapping or gliding		flapping												Rotation speed	Ω	12.6	rpm	
12	% of flights upwind/downwind		50%	50%											Max blade width	C	4.2	m	
13	Nocturnal activity ranking 1-5		1												Blade pitch	λ	6	degrees	
14	Nocturnal activity factor	f_{night}	0%												Risk height range		38-200	m	
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596	0.000596		0.0006
20	Proportion at rotor risk height	Q_{ER}	15.32%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	12.7	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			1.5	1.6	2.1	2.4	2.9	2.9	3.0	2.7	2.2	1.9	1.5	1.4		**26**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.98	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	1.6	m								
33	Rotor radius	R	81	m				Bird flight speed	v	12.7	m s^{-1}								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%								
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	9.34%													
38					**downwind**	7.00%													
39					**weighted mean**	**8.17%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.10	0.11	0.15	0.17	0.20	0.20	0.21	0.19	0.16	0.13	0.11	0.10		**2**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00		**0.1**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Hen Harrier

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units						Value	Units		
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Hen Harrier**			Site name			**Littleton**			Model	**Vesta 162 6.2MW**						
8	Bird length	L	0.48	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	1.1	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	9.1	$m\ s^{-1}$		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		$birds/km^2$		0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805	0.000805		0.0008
20	Proportion at rotor risk height	Q_{ER}	16.09%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	9.1	$m\ s^{-1}$		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			1.5	1.6	2.2	2.5	2.9	3.0	3.0	2.7	2.3	2.0	1.6	1.4		**27**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.48	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	1.1	m								
33	Rotor radius	R	81	m				Bird flight speed	v	9.1	$m\ s^{-1}$								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%								
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	8.23%													
38					**downwind**	5.00%													
39					**weighted mean**	**6.61%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.09	0.09	0.12	0.14	0.16	0.17	0.17	0.15	0.13	0.11	0.09	0.08		**1**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00		**0.1**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Kestrel

| | | |

Kingfisher

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units						Value	Units					Value	Units		
Bird data					**Windfarm data**						**Turbine data**							
Species name		**Kingfisher**			Site name				**Littleton**		Model				**Vesta 162 6.2MV**			
Bird length	L	0.18	m		Latitude				52.64442	degrees	Hub height				119	m		
Wingspan	W	0.25	m		No of turbines	T			11		Rotor radius	R			81	m		
Bird flight speed	v	8.3	$m\ s^{-1}$		Width of windfarm	w			2	km	No of blades	b			3			
Flight type, flapping or gliding		flapping									Rotation speed	Ω			12.6	rpm		
% of flights upwind/downwind		50%	50%								Max blade width	C			4.2	m		
Nocturnal activity ranking 1-5		1									Blade pitch	λ			6	degrees		
Nocturnal activity factor	f_{night}	0%									Risk height range				38-200	m		
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Daytime bird density	D_A		$birds/km^2$			2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	2.67E-06	0.0000
Proportion at rotor risk height	Q_{ER}	0.00%																
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	8.3	$m\ s^{-1}$			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total
		Projected number of rotor transits				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0**
Stage C																		
No of blades	b	3				Bird length	l	0.18	m									
Rotation speed	Ω	12.6	rpm			Wingspan	w	0.25	m									
Rotor radius	R	81	m			Bird flight speed	v	8.3	$m\ s^{-1}$									
Max blade width	C	4.2	m			Flight type		flapping										
Pitch	λ	6	degrees		% of flights upwind/downwind			50%		50%								
Blade profile		see Blade profile sheet																
		Single transit risk	**upwind**		6.34%													
			downwind		2.87%													
			weighted mean		**4.61%**													
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
					Collision rates before avoidance													year total
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0**
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year
					Collision rates allowing for avoidance													
Avoidance rates modelled		95.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		98.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.50%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**

Lapwing

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Lapwing**			Site name			**Littleton**			Model	**Vesta 162 6.2MV**						
8	Bird length	L	0.295	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.695	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	10	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_A		birds/km^2		0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171	0.002171		0.0022
20	Proportion at rotor risk height	Q_{ER}	47.24%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	10	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			13.2	14.2	18.9	21.6	25.2	26.0	26.2	23.6	19.7	17.1	13.6	12.4		**232**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.295	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	0.695	m								
33	Rotor radius	R	81	m				Bird flight speed	v	10	m s^{-1}								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%								
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	6.59%													
38					**downwind**	3.62%													
39					**weighted mean**	**5.11%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.57	0.62	0.82	0.94	1.10	1.13	1.14	1.02	0.86	0.74	0.59	0.54		**10**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.05	0.04	0.04	0.03	0.03		**0.5**
51			98.00%	100.00%		0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01		**0.2**
52			99.00%	100.00%		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		**0.1**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00		**0.1**
54																			

Lesser Black-backed gull

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units					Value	Units						Value	Units		
Bird data					**Windfarm data**						**Turbine data**							
Species name		**Black-backed Gull**			Site name			**Littleton**			Model		**Vesta 162 6.2MV**					
Bird length	L	0.58	m		Latitude			52.64442	degrees		Hub height			119	m			
Wingspan	W	1.42	m		No of turbines	T		11			Rotor radius	R		81	m			
Bird flight speed	v	11.9	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Daytime bird density	D_R		birds/km^2			0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.002843	0.0028
Proportion at rotor risk height	Q_{2R}	34.68%																
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	11.9	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total
		Projected number of rotor transits				15.1	16.3	21.7	24.7	28.8	29.7	29.9	27.0	22.6	19.6	15.6	14.2	**265**
Stage C																		
No of blades	b	3					Bird length	l	0.58	m								
Rotation speed	Ω	12.6	rpm				Wingspan	w	1.42	m								
Rotor radius	R	81	m				Bird flight speed	v	11.9	m s^{-1}								
Max blade width	C	4.2	m				Flight type		flapping									
Pitch	λ	6	degrees			% of flights upwind/downwind			50%	50%								
Blade profile		see Blade profile sheet																
		Single transit risk		**upwind**	7.68%													
				downwind	5.18%													
				weighted mean	**6.43%**													
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
						Collision rates before avoidance												year total
						0.82	0.89	1.18	1.35	1.58	1.62	1.64	1.48	1.23	1.07	0.85	0.78	**14**
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year
						Collision rates allowing for avoidance												
Avoidance rates modelled		95.00%	100.00%			0.04	0.04	0.06	0.07	0.08	0.08	0.08	0.07	0.06	0.05	0.04	0.04	**0.7**
		98.00%	100.00%			0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	**0.3**
		99.00%	100.00%			0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	**0.1**
		99.50%	100.00%			0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	**0.1**

Little Egret

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Little Egret**			Site name			**Littleton**			Model	**Vesta 162 6.2MW**						
8	Bird length	L	0.6	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.915	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	3	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426	0.000426		0.0004
20	Proportion at rotor risk height	Q_{ER}	17.07%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	3	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.4	0.4	0.3	0.3		**5**
30	**Stage C**																		
31	No of blades	b	3					Bird length	l	0.6	m								
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	0.915	m								
33	Rotor radius	R	81	m				Bird flight speed	v	3	m s^{-1}								
34	Max blade width	C	4.2	m				Flight type		flapping									
35	Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%								
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	20.74%													
38					**downwind**	15.27%													
39					**weighted mean**	**18.00%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.08	0.06	0.06	0.04	0.04		**1**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			
55																			

Mallard

COLLISION RISK MODEL		Required input data is in		orange	boxes														
		Calculated output is in		blue	boxes														
				green	boxes are for information only, to show variables used at each stage														
		Value	Units					Value	Units						Value	Units			
Bird data					**Windfarm data**								**Turbine data**						
Species name		**Mallard**			Site name			**Littleton**					Model		**Vesta 162 6.2MW**				
Bird length	L	0.58	m		Latitude			52.64442	degrees				Hub height		119	m			
Wingspan	W	0.9	m		No of turbines	T		11					Rotor radius	R	81	m			
Bird flight speed	v	18.5	m s^{-1}		Width of windfarm	w		2	km				No of blades	b	3				
Flight type, flapping or gliding		flapping											Rotation speed	Ω	12.6	rpm			
% of flights upwind/downwind		50%	50%										Max blade width	C	4.2	m			
Nocturnal activity ranking 1-5		1											Blade pitch	λ	6	degrees			
Nocturnal activity factor	f_{night}	0%											Risk height range		38-200	m			
normal approach		Set to 'normal approach' to use survey data on bird density																	
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																	
Stage A					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge		
Daytime bird density	D_A		birds/km^2		0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.010549	0.0105		
Proportion at rotor risk height	Q_{2R}	56.51%																	
At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4		
		Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6		
Stage B																			
No of turbines	T	11																	
Rotor radius	R	81	m																
		Total rotor frontal area m^2		226732															
Nocturnal activity factor	f_{night}	0%																	
Bird flight speed	v	18.5	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total		
		Projected number of rotor transits			141.8	153.1	203.7	231.7	271.1	279.4	281.2	253.7	212.3	183.9	146.6	133.3	**2492**		
Stage C																			
No of blades	b	3					Bird length	l	0.58	m									
Rotation speed	Ω	12.6	rpm				Wingspan	w	0.9	m									
Rotor radius	R	81	m				Bird flight speed	v	18.5	m s^{-1}									
Max blade width	C	4.2	m				Flight type		flapping										
Pitch	λ	6	degrees				% of flights upwind/downwind		50%		50%								
Blade profile		see Blade profile sheet																	
		Single transit risk		upwind	6.07%														
				downwind	4.46%														
				weighted mean	**5.27%**														
Stage D					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge		
Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		
					Collision rates before avoidance												year total		
					6.35	6.85	9.12	10.37	12.14	12.51	12.59	11.36	9.50	8.23	6.56	5.96	**112**		
Stage E																			
Allow for large array correction?		No																	
Width of windfarm	w	2	km																
			large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year		
					Collision rates allowing for avoidance														
Avoidance rates modelled		95.00%	100.00%		0.32	0.34	0.46	0.52	0.61	0.63	0.63	0.57	0.48	0.41	0.33	0.30	**5.6**		
		98.00%	100.00%		0.13	0.14	0.18	0.21	0.24	0.25	0.25	0.23	0.19	0.16	0.13	0.12	**2.2**		
		99.00%	100.00%		0.06	0.07	0.09	0.10	0.12	0.13	0.13	0.11	0.10	0.08	0.07	0.06	**1.1**		
		99.50%	100.00%		0.03	0.03	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.03	**0.6**		

Marsh Harrier

COLLISION RISK MODEL		Required input data is in	orange	boxes														
		Calculated output is in	blue	boxes														
			green	boxes are for information only, to show variables used at each stage														
		Value	Units					Value	Units						Value	Units		
Bird data				**Windfarm data**						**Turbine data**								
Species name		**Marsh Harrier**		Site name				**Littleton**		Model		**Vesta 162 6.2MW**						
Bird length	L	0.49	m	Latitude				52.64442	degrees	Hub height		119	m					
Wingspan	W	1.23	m	No of turbines	T			11		Rotor radius	R	81	m					
Bird flight speed	v	8.9	m s^{-1}	Width of windfarm	w			2	km	No of blades	b	3						
Flight type, flapping or gliding		flapping								Rotation speed	Ω	12.6	rpm					
% of flights upwind/downwind		50%	50%							Max blade width	C	4.2	m					
Nocturnal activity ranking 1-5		1								Blade pitch	λ	6	degrees					
Nocturnal activity factor	f_{night}	0%								Risk height range		38-200	m					
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_R		birds/km^2		9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	9.43E-05	0.0001	
Proportion at rotor risk height	Q_{ER}	8.00%																
At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are	226732															
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	8.9	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits			0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	**2**	
Stage C																		
No of blades	b	3				Bird length	l	0.49	m									
Rotation speed	Ω	12.6	rpm			Wingspan	w	1.23	m									
Rotor radius	R	81	m			Bird flight speed	v	8.9	m s^{-1}									
Max blade width	C	4.2	m			Flight type		flapping										
Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
Blade profile		see Blade profile sheet																
		Single transit risk	**upwind**	8.43%														
			downwind	5.14%														
			weighted mean	**6.79%**														
Stage D					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
				Collision rates before avoidance													year total	
					0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	**0**	
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
				Collision rates allowing for avoidance														
Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	

Merlin

Species name		Merlin			Site name		Littleton				Model	Vesta 162 6.2MW						
Bird length	L	0.295	m		Latitude		52.6444	degrees			Hub height		119	m				
Wingspan	W	0.62	m		No of turbines	T	11				Rotor radius	R	81	m				
Bird flight speed	v	10.9	m s^{-1}		Width of windfarm	w	2	km			No of blades	b	3					
Flight type, flapping or gliding		flapping									Rotation speed	Ω	12.6	rpm				
% of flights upwind/downwind		50%	50%								Max blade width	C	4.2	m				
Nocturnal activity ranking 1-5		1									Blade pitch	λ	6	degrees				
Nocturnal activity factor	f_{night}	0%									Risk height range		38-200	m				
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_A		birds/km^2		1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	1.1E-05	0.0000	
Proportion at rotor risk height	Q_{AR}	8.89%																
At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal area m^2		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	10.9	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0**	
Stage C																		
No of blades	b	3				Bird length	l	0.295	m									
Rotation speed	Ω	12.6	rpm			Wingspan	w	0.62	m									
Rotor radius	R	81	m			Bird flight speed	v	10.9	m s^{-1}									
Max blade width	C	4.2	m			Flight type		flapping										
Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
Blade profile		see Blade profile sheet																
		Single transit risk		upwind	6.31%													
				downwind	3.57%													
				weighted mean	**4.94%**													
Stage D					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
					Collision rates before avoidance												year total	
					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0**	
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
					Collision rates allowing for avoidance													
Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	

Mute Swan

COLLISION RISK MODEL		Required input data is in	orange	boxes														
		Calculated output is in	blue	boxes														
			green	boxes are for information only, to show variables used at each stage														
		Value	Units					Value	Units						Value	Units		
Bird data				**Windfarm data**								**Turbine data**						
Species name		**Mute swan**		Site name			**Littleton**					Model		**Vesta 162 6.2MW**				
Bird length	L	1.5	m	Latitude			52.64442	degrees				Hub height		119	m			
Wingspan	W	2.2	m	No of turbines	T		11					Rotor radius	R	81	m			
Bird flight speed	v	23.3	m s^{-1}	Width of windfarm	w		2	km				No of blades	b	3				
Flight type, flapping or gliding		flapping										Rotation speed	Ω	12.6	rpm			
% of flights upwind/downwind		50%	50%									Max blade width	C	4.2	m			
Nocturnal activity ranking 1-5		1										Blade pitch	λ	6	degrees			
Nocturnal activity factor	f_{night}	0%										Risk height range		38-200	m			
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_R		birds/km^2		0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.000297	0.0003	
Proportion at rotor risk height	Q_{ER}	20.00%																
At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are	226732															
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	23.3	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits			1.8	1.9	2.6	2.9	3.4	3.5	3.5	3.2	2.7	2.3	1.8	1.7	**31**	
Stage C																		
No of blades	b	3				Bird length	l	1.5	m									
Rotation speed	Ω	12.6	rpm			Wingspan	w	2.2	m									
Rotor radius	R	81	m			Bird flight speed	v	23.3	m s^{-1}									
Max blade width	C	4.2	m			Flight type		flapping										
Pitch	λ	6	degrees			% of flights upwind/downwind		50%	50%									
Blade profile		see Blade profile sheet																
		Single transit risk	**upwind**	8.22%														
			downwind	6.94%														
			weighted mean	**7.58%**														
Stage D					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
				Collision rates before avoidance													year total	
					0.11	0.12	0.16	0.19	0.22	0.23	0.23	0.21	0.17	0.15	0.12	0.11	**2**	
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
				Collision rates allowing for avoidance														
Avoidance rates modelled		95.00%	100.00%		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**0.1**	
		98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	
		99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	

Peregrine

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units					Value	Units						Value	Units		
Bird data					**Windfarm data**								**Turbine data**					
Species name		**Peregrine**			Site name			**Littleton**					Model		**Vesta 162 6.2MW**			
Bird length	L	0.42	m		Latitude			52.64442	degrees				Hub height		119	m		
Wingspan	W	1.02	m		No of turbines	T		11					Rotor radius	R	81	m		
Bird flight speed	v	12.1	m s^{-1}		Width of windfarm	w		2	km				No of blades	b	3			
Flight type, flapping or gliding		flapping											Rotation speed	Ω	12.6	rpm		
% of flights upwind/downwind		50%	50%										Max blade width	C	4.2	m		
Nocturnal activity ranking 1-5		1											Blade pitch	λ	6	degrees		
Nocturnal activity factor	f_{night}	0%											Risk height range		38-200	m		
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Daytime bird density	D_A		birds/km^2		0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.002778	0.0028	
Proportion at rotor risk height	Q_{ZR}	52.68%																
At latitude 52.6		Daylight hours per month			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4	
		Nighttime hours per month			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6	
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal area m^2		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	12.1	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total	
		Projected number of rotor transits			22.8	24.6	32.7	37.2	43.5	44.9	45.2	40.7	34.1	29.5	23.5	21.4	**400**	
Stage C																		
No of blades	b	3					Bird length	l	0.42	m								
Rotation speed	Ω	12.6	rpm				Wingspan	w	1.02	m								
Rotor radius	R	81	m				Bird flight speed	v	12.1	m s^{-1}								
Max blade width	C	4.2	m				Flight type		flapping									
Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%								
Blade profile		see Blade profile sheet																
		Single transit risk		upwind	6.73%													
				downwind	4.27%													
				weighted mean	**5.50%**													
Stage D					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge	
Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	
					Collision rates before avoidance												year total	
					1.06	1.15	1.53	1.74	2.03	2.10	2.11	1.90	1.59	1.38	1.10	1.00	**19**	
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year	
					Collision rates allowing for avoidance													
Avoidance rates modelled		95.00%	100.00%		0.05	0.06	0.08	0.09	0.10	0.10	0.11	0.10	0.08	0.07	0.06	0.05	**0.9**	
		98.00%	100.00%		0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.02	**0.4**	
		99.00%	100.00%		0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	**0.2**	
		99.50%	100.00%		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	**0.1**	

Redshank

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Redshank**			Site name			**Littleton**			Model	**Vesta 162 6.2MW**						
8	Bird length	L	0.26	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.5	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	13.3	$m\ s^{-1}$		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		$birds/km^2$		1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06	1.23E-06		0.0000
20	Proportion at rotor risk height	Q_{ZR}	0.00%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	13.3	$m\ s^{-1}$		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		**0**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.26	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	0.5	m									
33	Rotor radius	R	81	m			Bird flight speed	v	13.3	$m\ s^{-1}$									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees	% of flights upwind/downwind				50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**	**upwind**	5.58%														
38				**downwind**	3.34%														
39				**weighted mean**	**4.46%**														
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Ringed Plover

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units					Value	Units						Value	Units		
Bird data					**Windfarm data**								**Turbine data**					
Species name		**Ringed Plover**			Site name			**Littleton**					Model		**Vesta 162 6.2MV**			
Bird length	L	0.18	m		Latitude			52.64442	degrees				Hub height		119	m		
Wingspan	W	0.38	m		No of turbines	T		11					Rotor radius	R	81	m		
Bird flight speed	v	13.9	m s^{-1}		Width of windfarm	w		2	km				No of blades	b	3			
Flight type, flapping or gliding		flapping											Rotation speed	Ω	12.6	rpm		
% of flights upwind/downwind		50%	50%										Max blade width	C	4.2	m		
Nocturnal activity ranking 1-5		1											Blade pitch	λ	6	degrees		
Nocturnal activity factor	f_{night}	0%											Risk height range		38-200	m		
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Daytime bird density	D_R		birds/km^2			0	0	0	0	0	0	0	0	0	0	0	0	0.0000
Proportion at rotor risk height	Q_{RR}	100.00%																
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	13.9	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total
		Projected number of rotor transits				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0**
Stage C																		
No of blades	b	3				Bird length	l	0.18	m									
Rotation speed	Ω	12.6	rpm			Wingspan	w	0.38	m									
Rotor radius	R	81	m			Bird flight speed	v	13.9	m s^{-1}									
Max blade width	C	4.2	m			Flight type		flapping										
Pitch	λ	6	degrees		% of flights upwind/downwind			50%		50%								
Blade profile		see Blade profile sheet																
		Single transit risk		**upwind**	5.11%													
				downwind	2.97%													
				weighted mean	**4.04%**													
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
						Collision rates before avoidance												year total
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0**
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year
Avoidance rates modelled		95.00%	100.00%			**Collision rates allowing for avoidance**												
		98.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.50%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**

Snipe

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**									**Turbine data**				
7	Species name		**Snipe**			Site name			Littleton					Model	Vesta 162 6.2MW				
8	Bird length	L	0.26	m		Latitude			52.64442	degrees				Hub height		119	m		
9	Wingspan	W	0.46	m		No of turbines	T		11					Rotor radius	R	81	m		
10	Bird flight speed	v	17.1	m s^{-1}		Width of windfarm	w		2	km				No of blades	b	3			
11	Flight type, flapping or gliding		flapping											Rotation speed	Ω	12.6	rpm		
12	% of flights upwind/downwind		50%	50%										Max blade width	C	4.2	m		
13	Nocturnal activity ranking 1-5		1											Blade pitch	λ	6	degrees		
14	Nocturnal activity factor	f_{night}	0%											Risk height range		38-200	m		
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001	0.001001		0.0010
20	Proportion at rotor risk height	Q_{2R}	12.35%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	17.1	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			2.7	2.9	3.9	4.4	5.2	5.4	5.4	4.9	4.1	3.5	2.8	2.6		**48**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.26	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	0.46	m									
33	Rotor radius	R	81	m			Bird flight speed	v	17.1	m s^{-1}									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**	**upwind**	5.07%														
38				**downwind**	3.32%														
39				**weighted mean**	**4.20%**														
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.10	0.10	0.14	0.16	0.19	0.19	0.19	0.17	0.15	0.13	0.10	0.09		**2**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						**Collision rates allowing for avoidance**														
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00		**0.1**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Sparrowhawk

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes														
2			Calculated output is in		blue	boxes														
3					green	boxes are for information only, to show variables used at each stage														
4																				
5			Value	Units					Value	Units					Value	Units				
6	**Bird data**					**Windfarm data**						**Turbine data**								
7	Species name		**Sparrowhawk**			Site name			**Littleton**			Model	**Vesta 162 6.2MW**							
8	Bird length	L	0.33	m		Latitude			52.64442	degrees		Hub height			119	m				
9	Wingspan	W	0.62	m		No of turbines		T	11			Rotor radius		R	81	m				
10	Bird flight speed	v	11.3	m s^{-1}		Width of windfarm		w	2	km		No of blades		b	3					
11	Flight type, flapping or gliding		flapping									Rotation speed		Ω	12.6	rpm				
12	% of flights upwind/downwind		50%	50%								Max blade width		C	4.2	m				
13	Nocturnal activity ranking 1-5		1									Blade pitch		λ	6	degrees				
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m				
15																				
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																	
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																	
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge	
19	Daytime bird density	D_A		birds/km^2		0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427	0.000427		0.0004	
20	Proportion at rotor risk height	Q_{ZR}	25.16%																	
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4	
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6	
23	**Stage B**																			
24	No of turbines	T	11																	
25	Rotor radius	R	81	m																
26			**Total rotor frontal are**		226732															
27	Nocturnal activity factor	f_{night}	0%																	
28	Bird flight speed	v	11.3	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total	
29			**Projected number of rotor transits**			1.6	1.7	2.2	2.6	3.0	3.1	3.1	2.8	2.3	2.0	1.6	1.5		**27**	
30	**Stage C**																			
31	No of blades	b	3					Bird length	l	0.33	m									
32	Rotation speed	Ω	12.6	rpm				Wingspan	w	0.62	m									
33	Rotor radius	R	81	m				Bird flight speed	v	11.3	m s^{-1}									
34	Max blade width	C	4.2	m				Flight type		flapping										
35	Pitch	λ	6	degrees				% of flights upwind/downwind		50%	50%									
36	Blade profile		see Blade profile sheet																	
37			**Single transit risk**		**upwind**	6.39%														
38					**downwind**	3.75%														
39					**weighted mean**	**5.07%**														
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge	
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%	
42																				
43						**Collision rates before avoidance**														year total	
44						0.07	0.07	0.10	0.11	0.13	0.13	0.13	0.12	0.10	0.09	0.07	0.06		**1**	
45	**Stage E**																			
46	Allow for large array correction?		No																	
47	Width of windfarm	w	2	km																
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year	
49						**Collision rates allowing for avoidance**															
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00		**0.1**	
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**	
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**	
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**	
54																				
55																				

Starling

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**						**Turbine data**							
7	Species name		**Starling**			Site name			**Littleton**			Model		**Vesta 162 6.2MW**					
8	Bird length	L	0.23	m		Latitude			52.64442	degrees		Hub height			119	m			
9	Wingspan	W	0.44	m		No of turbines	T		11			Rotor radius	R		81	m			
10	Bird flight speed	v	12	m s^{-1}		Width of windfarm	w		2	km		No of blades	b		3				
11	Flight type, flapping or gliding		flapping									Rotation speed	Ω		12.6	rpm			
12	% of flights upwind/downwind		50%	50%								Max blade width	C		4.2	m			
13	Nocturnal activity ranking 1-5		1									Blade pitch	λ		6	degrees			
14	Nocturnal activity factor	f_{night}	0%									Risk height range			38-200	m			
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_A		birds/km^2		0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492	0.001492		0.0015
20	Proportion at rotor risk height	Q_{ER}	39.92%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	12	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			9.2	9.9	13.2	15.0	17.6	18.1	18.2	16.4	13.8	11.9	9.5	8.6		**161**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.23	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	0.44	m									
33	Rotor radius	R	81	m			Bird flight speed	v	12	m s^{-1}									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	5.67%													
38					**downwind**	3.18%													
39					**weighted mean**	**4.42%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	Q_{op}				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.35	0.37	0.50	0.56	0.66	0.68	0.69	0.62	0.52	0.45	0.36	0.32		**6**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49				**correction**		**Collision rates allowing for avoidance**													
50	Avoidance rates modelled		95.00%	100.00%		0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02		**0.3**
51			98.00%	100.00%		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		**0.1**
52			99.00%	100.00%		0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00		**0.1**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

Swift

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Teal

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units					Value	Units						Value	Units		
Bird data					**Windfarm data**									**Turbine data**				
Species name		**Teal**			Site name		**Littleton**							Model	**Vesta 162 6.2MW**			
Bird length	L	0.36	m		Latitude		52.64442	degrees						Hub height		119	m	
Wingspan	W	0.56	m		No of turbines	T	11							Rotor radius	R	81	m	
Bird flight speed	v	19.7	m s^{-1}		Width of windfarm	w	2	km						No of blades	b	3		
Flight type, flapping or gliding		flapping												Rotation speed	Ω	12.6	rpm	
% of flights upwind/downwind		50%	50%											Max blade width	C	4.2	m	
Nocturnal activity ranking 1-5		1												Blade pitch	λ	6	degrees	
Nocturnal activity factor	f_{night}	0%												Risk height range		38-200	m	
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Daytime bird density	D_A		birds/km^2			0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.000716	0.0007
Proportion at rotor risk height	Q_{ER}	22.74%																
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	19.7	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total
		Projected number of rotor transits				4.1	4.5	5.9	6.7	7.9	8.1	8.2	7.4	6.2	5.4	4.3	3.9	**73**
Stage C																		
No of blades	b	3					Bird length	l	0.36	m								
Rotation speed	Ω	12.6	rpm				Wingspan	w	0.56	m								
Rotor radius	R	81	m				Bird flight speed	v	19.7	m s^{-1}								
Max blade width	C	4.2	m				Flight type		flapping									
Pitch	λ	6	degrees		% of flights upwind/downwind				50%	50%								
Blade profile		see Blade profile sheet																
		Single transit risk		**upwind**	5.16%													
				downwind	3.65%													
				weighted mean	**4.40%**													
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
					Collision rates before avoidance													year total
						0.15	0.17	0.22	0.25	0.30	0.30	0.31	0.28	0.23	0.20	0.16	0.15	**3**
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year
					Collision rates allowing for avoidance													
Avoidance rates modelled		95.00%	100.00%			0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	**0.1**
		98.00%	100.00%			0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	**0.1**
		99.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.50%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**

Tufted Duck

COLLISION RISK MODEL		Required input data is in		orange	boxes													
		Calculated output is in		blue	boxes													
				green	boxes are for information only, to show variables used at each stage													
		Value	Units					Value	Units						Value	Units		
Bird data					**Windfarm data**								**Turbine data**					
Species name		**Tufted Duck**			Site name			**Littleton**					Model	**Vesta 162 6.2MW**				
Bird length	L	0.44	m		Latitude			52.64442	degrees				Hub height		119	m		
Wingspan	W	0.69	m		No of turbines	T		11					Rotor radius	R	81	m		
Bird flight speed	v	19.7	m s^{-1}		Width of windfarm	w		2	km				No of blades	b	3			
Flight type, flapping or gliding		flapping											Rotation speed	Ω	12.6	rpm		
% of flights upwind/downwind		50%	50%										Max blade width	C	4.2	m		
Nocturnal activity ranking 1-5		1											Blade pitch	λ	6	degrees		
Nocturnal activity factor	f_{night}	0%											Risk height range		38-200	m		
normal approach		Set to 'normal approach' to use survey data on bird density																
		Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
Stage A						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Daytime bird density	D_A		birds/km^2			1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	0.0000
Proportion at rotor risk height	Q_{ZR}	40.00%																
At latitude 52.6		**Daylight hours per month**				255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8	4484.4
		Nighttime hours per month				488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2	4275.6
Stage B																		
No of turbines	T	11																
Rotor radius	R	81	m															
		Total rotor frontal are		226732														
Nocturnal activity factor	f_{night}	0%																
Bird flight speed	v	19.7	m s^{-1}			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year total
		Projected number of rotor transits				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0**
Stage C																		
No of blades	b	3					Bird length	l	0.44	m								
Rotation speed	Ω	12.6	rpm				Wingspan	w	0.69	m								
Rotor radius	R	81	m				Bird flight speed	v	19.7	m s^{-1}								
Max blade width	C	4.2	m				Flight type		flapping									
Pitch	λ	6	degrees			% of flights upwind/downwind			50%	50%								
Blade profile		see Blade profile sheet																
		Single transit risk		**upwind**	5.43%													
				downwind	3.92%													
				weighted mean	**4.68%**													
Stage D						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	year avge
Proportion of time operational	Q_{op}					85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
						Collision rates before avoidance												year total
						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0**
Stage E																		
Allow for large array correction?		No																
Width of windfarm	w	2	km															
			large array correction			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	per year
						Collision rates allowing for avoidance												
Avoidance rates modelled		95.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		98.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.00%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
		99.50%	100.00%			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**

Whooper Swan

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Wigeon

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	**COLLISION RISK MODEL**		Required input data is in		orange	boxes													
2			Calculated output is in		blue	boxes													
3					green	boxes are for information only, to show variables used at each stage													
4																			
5			Value	Units					Value	Units					Value	Units			
6	**Bird data**					**Windfarm data**									**Turbine data**				
7	Species name		**Vigeon**			Site name			**Littleton**						Model	**Vesta 162 6.2MV**			
8	Bird length	L	0.46	m		Latitude			52.64442	degrees					Hub height	119	m		
9	Wingspan	W	0.78	m		No of turbines	T		11						Rotor radius	R	81	m	
10	Bird flight speed	v	19.7	m s^{-1}		Width of windfarm	w		2	km					No of blades	b	3		
11	Flight type, flapping or gliding		flapping												Rotation speed	Ω	12.6	rpm	
12	% of flights upwind/downwind		50%	50%											Max blade width	C	4.2	m	
13	Nocturnal activity ranking 1-5		1												Blade pitch	λ	6	degrees	
14	Nocturnal activity factor	f_{night}	0%												Risk height range		38-200	m	
15																			
16	**normal approach**		Set to 'normal approach' to use survey data on bird density																
17			Set to 'birds on migration' to use 'Migrant collision risk' sheet in place of Stage A																
18	**Stage A**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
19	Daytime bird density	D_R		birds/km^2		9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05	9.41E-05		0.0001
20	Proportion at rotor risk height	Q_{ER}	32.38%																
21	At latitude 52.6		**Daylight hours per month**			255.2	275.4	366.5	417.0	488.0	502.8	506.1	456.6	382.0	330.9	263.9	239.8		4484.4
22			**Nighttime hours per month**			488.8	396.6	377.5	303.0	256.0	217.2	237.9	287.4	338.0	413.1	456.1	504.2		4275.6
23	**Stage B**																		
24	No of turbines	T	11																
25	Rotor radius	R	81	m															
26			**Total rotor frontal are**		226732														
27	Nocturnal activity factor	f_{night}	0%																
28	Bird flight speed	v	19.7	m s^{-1}		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year total
29			**Projected number of rotor transits**			0.8	0.8	1.1	1.3	1.5	1.5	1.5	1.4	1.2	1.0	0.8	0.7		**14**
30	**Stage C**																		
31	No of blades	b	3				Bird length	l	0.46	m									
32	Rotation speed	Ω	12.6	rpm			Wingspan	w	0.78	m									
33	Rotor radius	R	81	m			Bird flight speed	v	19.7	m s^{-1}									
34	Max blade width	C	4.2	m			Flight type		flapping										
35	Pitch	λ	6	degrees		% of flights upwind/downwind			50%	50%									
36	Blade profile		see Blade profile sheet																
37			**Single transit risk**		**upwind**	5.52%													
38					**downwind**	4.01%													
39					**weighted mean**	**4.77%**													
40	**Stage D**					Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		year avge
41	Proportion of time operational	$Q_{..}$				85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%		85.0%
42																			
43						**Collision rates before avoidance**														year total
44						0.03	0.03	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.03	0.03		**1**
45	**Stage E**																		
46	Allow for large array correction?		No																
47	Width of windfarm	w	2	km															
48				**large array correction**		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		per year
49						**Collision rates allowing for avoidance**														
50	Avoidance rates modelled		95.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
51			98.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
52			99.00%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
53			99.50%	100.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		**0.0**
54																			

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