

10.

MALLARD

Table 7-4 20 Mallard Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MA001	Kildavin Quarry	04/10/2022	12:01	Mallard	2	depositing/lowland rivers; foraging	CB
MA002	Scarawalsh Bridge	04/10/2022	14:27	Mallard	9	depositing/lowland rivers; foraging	CB
MA003	R772 Bridge	04/10/2022	14:46	Mallard	8	depositing/lowland rivers and improved agricultural grassland; some foraging in river, some travelling away from river	CB
MA004	River Slaney Drive	02/11/2022	14:42	Mallard	6	wet grassland and depositing/lowland rivers; foraging in flooded field	CB
MA005	River Slaney Drive	02/11/2022	14:48	Mallard	10	wet grassland and depositing/lowland rivers; foraging in flooded field	CB
MA006	River Slaney Drive	29/11/2022	11:56	Mallard	2	wet grassland, improved agricultural grassland and depositing/lowland rivers; foraging in flooded part of field	CB
MA007	River Slaney Drive	29/11/2022	11:57	Mallard	36	improved agricultural grassland, wet grassland and depositing/lowland rivers; foraging in flooded parts of field	CB
MA008	Bunclody Bridge	13/12/2022	13:00	Mallard	8	depositing/lowland rivers; foraging	CB
MA009	Kildavin Quarry	13/12/2022	16:48	Mallard	3	depositing/lowland rivers; travelling downriver, fly over	CB
MA010	R772 Bridge	13/12/2022	15:52	Mallard	2	depositing/lowland rivers; foraging	CB
MA011	R772 Bridge	13/12/2022	15:56	Mallard	23	depositing/lowland rivers; foraging	CB
MA012	R772 Bridge	04/01/2023	11:18	Mallard	2	depositing/lowland rivers; foraging	CB
MA013	R772 Bridge	16/01/2023	11:07	Mallard	2	depositing/lowland rivers; foraging	CB
MA014	River Slaney Drive	16/01/2023	12:04	Mallard	2	depositing/lowland rivers, improved agricultural grassland and wet grassland; roosting	CB
MA015	River Slaney Drive	16/01/2023	12:07	Mallard	14	depositing/lowland rivers, improved agricultural grassland and wet grassland; foraging	CB
MA016	R772 Bridge	08/02/2023	12:08	Mallard	12	depositing/lowland rivers and improved agricultural grassland; roosting on riverbank	CB
MA017	Bunclody Bridge	08/02/2023	13:50	Mallard	4	depositing/lowland rivers; foraging	CB
MA018	R772 Bridge	21/02/2023	12:28	Mallard	7	depositing/lowland rivers; foraging	CB
MA019	Bunclody Bridge	21/02/2023	14:28	Mallard	6	depositing/lowland rivers; foraging	CB
MA020	River Bann Bridge	09/03/2023	13:34	Mallard	2	depositing/lowland rivers; foraging	CB
MA021	R772 Bridge	09/03/2023	13:36	Mallard	2	depositing/lowland rivers; foraging	CB

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
MA022	Scarawalsh Bridge	09/03/2023	13:53	Mallard	2	depositing/lowland rivers; foraging	CB
MA023	Clohamon Bridge	09/03/2023	14:43	Mallard	2	depositing/lowland rivers; foraging	CB
MA024	Bunclody Bridge	09/03/2023	15:31	Mallard	3	depositing/lowland rivers; foraging	CB
MA025	Kildavin Quarry	09/03/2023	15:59	Mallard	2	depositing/lowland rivers; travelling upriver	CB
MA026	River Slaney Drive	23/03/2023	13:31	Mallard	6	tilled land and depositing/lowland rivers; foraging in flooded part of field	CB
MA027	Bunclody Bridge	23/03/2023	14:50	Mallard	2	depositing/lowland rivers; foraging	CB
MA028	Bunclody Bridge	23/03/2023	14:51	Mallard	2	improved agricultural grassland, depositing/lowland rivers and riparian woodland; travelling downriver	CB
MA029	Scarawalsh Bridge	05/04/2023	12:42	Mallard	2	depositing/lowland rivers; foraging	CB
MA030	River Slaney Drive	05/04/2023	13:00	Mallard	5	improved agricultural grassland; foraging in flooded part of field	CB
MA031	R772 Bridge	19/04/2023	12:20	Mallard	4	depositing/lowland rivers; roosting, all drakes	CB
MA032	Scarawalsh Bridge	19/04/2023	12:31	Mallard	6	depositing/lowland rivers; roosting / foraging	CB
MA033	R772 Bridge	04/05/2023	12:18	Mallard	4	depositing/lowland rivers; travelling / chasing	CB
MA034	Scarawalsh Bridge	04/05/2023	12:28	Mallard	2	depositing/lowland rivers; foraging	CB
MA035	Kildavin Quarry	04/05/2023	14:07	Mallard	1	depositing/lowland rivers; foraging	CB
MA036	River Bann Bridge	19/05/2023	10:50	Mallard	2	depositing/lowland rivers; foraging, 2 drakes	CB
MA037	R772 Bridge	19/05/2023	11:15	Mallard	3	depositing/lowland rivers; travelling across river, female with 2 ducklings	CB
MA038	Scarawalsh Bridge	19/05/2023	11:26	Mallard	2	depositing/lowland rivers; foraging	CB
MA039	Kildavin Quarry	19/05/2023	13:05	Mallard	3	depositing/lowland rivers; foraging	CB



Map Legend

- EIA Site Boundary
- 8km Survey Radius
- Waterbird Observation Points
- Observation



Drawing Title	
Mallard Observations Waterbird Distribution and Abundance Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
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Project No.	Fig.
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11.

TEAL

Table 7-4 21 Teal Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
T.001	Scarawalsh Bridge	13/12/2022	11:30	Teal	12	depositing/lowland rivers; foraging	CB
T.002	R772 Bridge	21/02/2023	12:27	Teal	2	depositing/lowland rivers; foraging	CB
T.003	R772 Bridge	09/03/2023	13:36	Teal	4	depositing/lowland rivers; roosting	CB



Map Legend

-  EIA Site Boundary
-  6km Survey Radius
-  Waterbird Observation Points
-  Observation



Drawing Title
Teal Observations Waterbird Distribution
and Abundance Surveys

Project Title
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Project No. 210847	Fig. Fig. 7-4-21
Scale 1:100,000	Date 12/02/2024

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12.

KESTREL

Table 7-4- 22 Kestrel Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15 - 49m)	Band 3 (49 - 120m)	Band 4 (>200m)	Habitat and activity	Surveyor
K.001	VP1	25/10/2022	12:34	Kestrel	1	5	5	0	0	0	improved agricultural grassland; travelling low across fields	CB
K.002	VP2	27/10/2022	10:01	Kestrel	1	5	5	0	0	0	hedgerows, improved agricultural grassland and arable crops; travelling up farm lane, potentially flushed by farmer on quad coming up lane	CB
K.003	VP2	04/11/2022	12:00	Kestrel	1	235	35	165	35	0	improved agricultural grassland; hunting, mobbed repeatedly by corvids, travelling	CB
K.004	VP2	04/11/2022	12:23	Kestrel	1	190	90	100	0	0	improved agricultural grassland; hunting	CB
K.005	VP2	04/11/2022	12:35	Kestrel	1	5	5	0	0	0	tilled land and improved agricultural grassland; flying low across field chased by crow	CB
K.006	VP2	04/11/2022	13:15	Kestrel	1	360	10	50	150	150	improved agricultural grassland; soaring / hunting, briefly mobbed	CB
K.007	VP2	04/11/2022	13:17	Kestrel	1	480	475	5	0	0	tilled land and improved agricultural grassland; mobbed by rook to perch on electricity wire, took off flying low across field to perch on fence post, perched on electricity wire for most of duration	CB
K.008	VP2	04/11/2022	15:06	Kestrel	1	40	35	5	0	0	tilled land, improved agricultural grassland and hedgerows; travelling low along ditch	CB
K.009	VP2	04/11/2022	16:05	Kestrel	1	15	15	0	0	0	tilled land and improved agricultural grassland; briefly perched on electricity wire, mobbed off by rook, travelled low across field over ditch	CB
K.010	VP1	14/12/2022	12:33	Kestrel	1	10	10	0	0	0	improved agricultural grassland and hedgerows; hunting	CB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
K.011	VP2	21/12/2022	08:41	Kestrel	1	30	10	20	0	0	improved agricultural grassland and conifer plantation; travelling	CB
K.012	VP1	06/01/2023	15:55	Kestrel	1	5	5	0	0	0	hedgerows, improved agricultural grassland and buildings and artificial surfaces; travelling low down the road before swooping up to perch on telephone pole	CB
K.013	VP1	06/01/2023	16:17	Kestrel	1	120	20	70	30	0	improved agricultural grassland, arable crops and hedgerows; travelling	CB
K.014	VP1	06/01/2023	16:57	Kestrel	1	15	15	0	0	0	hedgerows and improved agricultural grassland; travelling, perched in tree in hedgerow by VP, flushed, very low light	CB
K.015	VP2	11/01/2023	12:33	Kestrel	1	-	-	-	-	-	improved agricultural grassland and tilled land; perched on electricity	CB
K.016	VP1	09/02/2023	12:36	Kestrel	1	120	90	30	0	0	improved agricultural grassland, hedgerows and arable crops; travelling east	CB
K.017	VP2	16/02/2023	09:21	Kestrel	1	75	75	0	0	0	improved agricultural grassland and hedgerows; travelling	CB
K.018	VP2	22/06/2023	13:38	Kestrel	1	170	0	0	170	0	improved agricultural grassland; hunting, male	KW
K.019	VP1	24/06/2023	09:16	Kestrel	1	57	0	57	0	0	improved agricultural grassland; hunting	KW
K.020	VP2	28/09/2023	09:14	Kestrel	1	25	10	15	0	0	improved agricultural grassland and hedgerows; hunting, lost behind turbines	CB
K.021	VP2	28/09/2023	11:49	Kestrel	1	45	15	30	0	0	improved agricultural grassland and hedgerows; hunting, lost behind crest of hill	CB
K.022	VP2	28/09/2023	12:22	Kestrel	1	50	25	25	0	0	improved agricultural grassland, hedgerows and arable crops; hunting	CB

Table 7-4 23 Kestrel Winter Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	18/10/2022	12:25	Kestrel	1	improved agricultural grassland; perched on fencepost, seen hunting / hovering beneath turbine 4 minutes later (wintering)	CB
K.002	18/10/2022	12:47	Kestrel	1	improved agricultural grassland; hunting low over fields beneath turbine (wintering)	CB
K.003	01/12/2022	15:38	Kestrel	1	improved agricultural grassland and hedgerows; flushed up by jogger (wintering)	CB

Table 7-4 24 Kestrel Breeding Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	12/07/2023	11:54	Kestrel	2	improved agricultural grassland, hedgerows and arable crops; hunting / travelling, followed one travelling west away from site before picking up 2nd bird hunting around 500m boundary, possible pair (pair; probable breeding)	CB
K.002	12/07/2023	12:09	Kestrel	1	improved agricultural grassland, arable crops and hedgerows; hunting (suitable nesting habitat; possible breeder)	CB
K.003	12/07/2023	12:25	Kestrel	1	arable crops, hedgerows and improved agricultural grassland; hunting (suitable nesting habitat; possible breeder)	CB
K.004	12/07/2023	14:38	Kestrel	1	improved agricultural grassland and hedgerows; hunting (suitable nesting habitat; possible breeder)	CB
K.006	13/07/2023	15:24	Kestrel	1	arable crops, hedgerows and improved agricultural grassland; travelling, flew over van while driving around to other side of site, outside 500m boundary but came from direction of site (suitable nesting habitat; possible breeder)	CB

Table 7-4 25 Kestrel Breeding Raptor Survey Data

Ref.	BRVP	Date	Time	Species	Number	Habitat and activity	Breeding status	Surveyor
K.001	BRVP1	08/06/2023	10:26	Kestrel	1	improved agricultural grassland and treelines, soaring, not a definite female but dived behind treeline	suitable nesting habitat; possible breeder	KW
K.002	BRVP5	28/07/2023	14:27	Kestrel	1	improved agricultural grassland, hunting	suitable nesting habitat; possible breeder	KW
K.003	BRVP5	28/07/2023	14:58	Kestrel	1	improved agricultural grassland, hunting	suitable nesting habitat; possible breeder	KW



Table 7-4-26 Kestrel Incidental Records Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
K.001	Waterbird Distribution Survey; Ballycarney Bridge	04/10/2022	13:46	Kestrel	1	improved agricultural grassland and depositing/lowland rivers; travelling, mobbed by corvids	CB
K.002	Waterbird Distribution Survey; Scarawalsh Bridge	15/11/2022	12:13	Kestrel	1	tilled land; perched on electricity pole	CB
K.003	Waterbird Distribution Survey; River Urrin Mohurry	05/04/2023	16:12	Kestrel	1	improved agricultural grassland; perched on electricity pole	CB



Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- ▲ VP Locations
- Turbine Locations
- Flight observation
- ◆ Non flight observation



Drawing Title
Kestrel Observations Vantage Point Surveys

Project Title
Proposed Extension of Life of
Castledockrell Wind Farm

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Project No. 210847	Fig. Fig. 7-4-22
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Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- Observation



Drawing Title	
Kestrel Observations Winter Walkover Surveys	
Project Title	
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Drawn By	Checked By
SA	PM
Project No.	Fig.
210847	Fig. 7-4-23
Scale	Date
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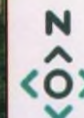


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Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- Observation



Drawing Title

**Kestrel Observations
Breeding Walkover Surveys**

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**Proposed Extension of Life of
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Fig. 7-4-24

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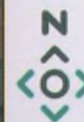


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Map Legend

- EIA Site Boundary
- 2km Survey Radius
- RVP Locations
- Turbine Locations
- Observation



Drawing Title	
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Map Legend

-  EIA Site Boundary
-  8km Survey Radius
-  Observation



Drawing Title

Kestrel Incidental Observations

Project Title

Proposed Extension of Life of
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13.

SNIPE

Table 7-4 27 Snipe Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
SN001	VP1	25/10/2022	12:24	Snipe	1	15	15	0	0	0	improved agricultural grassland; travelling, flying south	CB
SN002	VP1	14/12/2022	11:57	Snipe	1	20	20	0	0	0	improved agricultural grassland and arable crops; travelling, went to ground to in field behind VP	CB
SN003	VP1	14/12/2022	12:13	Snipe	6	30	20	10	0	0	improved agricultural grassland, arable crops and hedgerows; travelling east	CB

Table 7-4 28 Snipe Breeding Walkover Survey Data

Ref.	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	18/04/2023	13:06	Snipe	1	tilled land and hedgerows; flushed (suitable nesting habitat; possible breeder)	CB

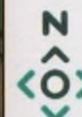
Table 7-4 29 Snipe Waterbird Distribution and Abundance Survey Data

Ref.	Location	Date	Time	Species	Number	Habitat and activity	Surveyor
SN001	R772 Bridge	13/12/2022	15:52	Snipe	2	depositing/lowland rivers and wet grassland; flushed	CB



Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- VP Locations
- Turbine Locations
- Observation



Drawing Title	
Snipe Observations Vantage Point Surveys	
Project Title	
Proposed Extension of Life of Castledockrell Wind Farm	
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Map Legend

- EIA Site Boundary
- 500m Radius of Turbines
- Turbine Locations
- Observation



Drawing Title

Snipe Observations Breeding Walkover Surveys

Project Title

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Map Legend

- EIA Site Boundary
- 8km Survey Radius
- Waterbird Observation Points
- Observation



Drawing Title
**Snipe Observations Waterbird
 Distribution and Abundance Surveys**

Project Title
**Proposed Extension of Life of
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14.

BUZZARD

Table 7-4- 30 Buzzard Vantage Point Survey Data

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ001	VP1	25/10/2022	11:29	Buzzard	1	250	30	220	0	0	improved agricultural grassland; hunting	CB
BZ002	VP1	25/10/2022	11:31	Buzzard	2	125	60	65	0	0	improved agricultural grassland; hunting, behind viewshed	CB
BZ003	VP1	25/10/2022	12:31	Buzzard	1	125	5	120			improved agricultural grassland; hunting	CB
BZ004	VP1	25/10/2022	12:50	Buzzard	2	115	85	30	0	0	improved agricultural grassland; hunting, mobbed by crows	CB
BZ005	VP1	25/10/2022	13:22	Buzzard	1	375	75	300	0	0	arable crops and improved agricultural grassland; hunting	CB
BZ006	VP1	03/11/2022	13:18	Buzzard	2	10	10	0			tilled land, arable crops and hedgerows; foraging on ground, took off to perch on electricity pole before returning to ground	CB
BZ007	VP2	04/11/2022	12:21	Buzzard	1	220	5	25	190	0	improved agricultural grassland; soaring	CB
BZ008	VP2	04/11/2022	12:38	Buzzard	1	265	0	0	165	100	improved agricultural grassland, hedgerows and highly modified/non-native woodland; soaring, behind viewshed, off-site	CB
BZ009	VP2	04/11/2022	13:49	Buzzard	4	300	0	50	125	125	improved agricultural grassland; soaring, 2 separate pairs	CB
BZ010	VP2	04/11/2022	14:01	Buzzard	3	160	100	60	0	0	improved agricultural grassland and tilled land; calling, travelling	CB
BZ011	VP2	04/11/2022	15:01	Buzzard	2	55	55	0	0	0	tilled land and improved agricultural grassland; hunting, travelling low across field	CB
BZ012	VP2	04/11/2022	17:19	Buzzard	1	45	5	40	0	0	improved agricultural grassland and tilled land; travelling north	CB
BZ013	VP1	14/12/2022	08:57	Buzzard	1	60	60	0	0	0	improved agricultural grassland, arable crops and hedgerows; travelling low across fields	CB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ014	VP1	14/12/2022	10:30	Buzzard	1	60	60	0	0	0	improved agricultural grassland, arable crops and hedgerows; travelling low across fields	CB
BZ015	VP1	14/12/2022	13:37	Buzzard	2	45	35	10	0	0	improved agricultural grassland, arable crops and hedgerows; hunting	CB
BZ016	VP1	14/12/2022	13:41	Buzzard	1	40	40	0	0	0	improved agricultural grassland, hedgerows and arable crops; perched on electricity pole ~10m from VP, moved up road from pole to pole before being mobbed off	CB
BZ017	VP1	14/12/2022	13:53	Buzzard	1	45	45	0	0	0	improved agricultural grassland, arable crops and hedgerows; travelling low across fields	CB
BZ018	VP2	21/12/2022	09:23	Buzzard	1	35	15	20	0	0	improved agricultural grassland and tilled land; travelling	CB
BZ019	VP1	06/01/2023	11:19	Buzzard	1	205	105	100	0	0	improved agricultural grassland and hedgerows; hovering / travelling	CB
BZ020	VP1	06/01/2023	12:51	Buzzard	1	210	30	180	0	0	improved agricultural grassland, arable crops and hedgerows; soaring, mobbed by rooks	CB
BZ021	VP1	06/01/2023	13:39	Buzzard	1	10	10	0	0	0	hedgerows, improved agricultural grassland and arable crops; hunting over hedgerow before perching in tree	CB
BZ022	VP1	06/01/2023	13:57	Buzzard	1	105	15	90	0	0	improved agricultural grassland and arable crops; soaring	CB
BZ023	VP2	11/01/2023	12:35	Buzzard	1	65	5	60	0	0	improved agricultural grassland and hedgerows; soaring, landed in tree in hedgerow	CB
BZ024	VP2	11/01/2023	12:37	Buzzard	1	60	40	20	0	0	improved agricultural grassland; travelling, mobbed by flock of corvids	CB
BZ025	VP1	09/02/2023	07:43	Buzzard	2	45	45	0	0	0	improved agricultural grassland and hedgerows; travelling low across field, briefly perched on electricity pole	CB
BZ026	VP1	09/02/2023	13:22	Buzzard	1	5	5	0	0	0	improved agricultural grassland and hedgerows; gliding	CB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ027	VP2	16/02/2023	07:48	Buzzard	3	105	80	25	0	0	improved agricultural grassland and hedgerows; soaring / calling, landed to perch in hedgerow	CB
BZ028	VP2	16/02/2023	07:58	Buzzard	1	-	-	-	-	-	improved agricultural grassland; foraging on ground, same bird seen land in hedgerow a few mins earlier	CB
BZ029	VP2	16/02/2023	10:55	Buzzard	1	20	15	5	0	0	improved agricultural grassland and hedgerows; travelling	CB
BZ030	VP2	16/02/2023	11:24	Buzzard	1	890	290	300	300	0	improved agricultural grassland and hedgerows; hunting	CB
BZ031	VP2	16/02/2023	11:28	Buzzard	1	460	55	200	200	0	improved agricultural grassland and hedgerows; hunting	CB
BZ032	VP2	16/02/2023	11:41	Buzzard	2	555	415	140	0	0	improved agricultural grassland and hedgerows; soaring/ hunting	CB
BZ033	VP2	16/02/2023	12:25	Buzzard	1	80	40	40	0	0	improved agricultural grassland; soaring / travelling	CB
BZ034	VP2	01/03/2023	13:03	Buzzard	1	70	1	4	65	0	improved agricultural grassland; soaring, dived rapidly to ground	CB
BZ035	VP2	01/03/2023	13:25	Buzzard	1	220	160	20	40	0	improved agricultural grassland and hedgerows; hunting	CB
BZ036	VP2	01/03/2023	14:59	Buzzard	1	45	15	30	0	0	improved agricultural grassland and hedgerows; soaring	CB
BZ037	VP2	01/03/2023	15:38	Buzzard	1	475	250	150	75	0	improved agricultural grassland and hedgerows; hunting	CB
BZ038	VP2	01/03/2023	16:53	Buzzard	1	72	22	50	0	0	improved agricultural grassland; hunting	CB
BZ039	VP2	01/03/2023	17:20	Buzzard	1	90	5	85	0	0	hedgerows and improved agricultural grassland; perched in hedgerow, took off soaring briefly before travelling / gliding south	CB
BZ040	VP2	01/03/2023	18:34	Buzzard	1	50	10	40	0	0	improved agricultural grassland, hedgerows and highly modified/non-native woodland; travelling / gliding	CB
BZ042	VP1	10/03/2023	13:27	Buzzard	1	60	0	60	0	0	improved agricultural grassland and hedgerows; gliding / travelling, headed towards calling pair in field behind VP	CB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15 - 49m)	Band 3 (49 - 120m)	Band 4 (>200m)	Habitat and activity	Surveyor
											but lost behind hedgerow and not seen reappear	
BZ043	VP1	10/03/2023	13:29	Buzzard	2	310	70	200	40	0	improved agricultural grassland and hedgerows; joined pair in field behind VP, soaring and calling, seen copulating in top of conifer	CB
BZ044	VP1	10/03/2023	13:36	Buzzard	1	40	40	0	0	0	improved agricultural grassland and hedgerows; travelling low, calling, perched on electricity pole	CB
BZ045	VP1	10/03/2023	13:41	Buzzard	1	45	30	15	0	0	improved agricultural grassland and hedgerows; mobbed, travelling / gliding	CB
BZ046	VP1	10/03/2023	13:51	Buzzard	1	25	25	0	0	0	improved agricultural grassland and hedgerows; travelling / gliding	CB
BZ047	VP1	10/03/2023	14:13	Buzzard	1	145	5	110	30	0	improved agricultural grassland and hedgerows; travelling	CB
BZ048	VP1	10/03/2023	14:14	Buzzard	1	115	55	55	5	0	improved agricultural grassland and tilled land; soaring then travelling, gliding	CB
BZ049	VP1	10/03/2023	14:27	Buzzard	1	90	30	50	10	0	improved agricultural grassland; travelling, gliding	CB
BZ050	VP1	10/03/2023	14:28	Buzzard	2	17	15	2	0	0	improved agricultural grassland and hedgerows; calling, travelling to perch in hedgerow	CB
BZ051	VP1	10/03/2023	14:44	Buzzard	3	170	30	120	20	0	improved agricultural grassland and hedgerows; soaring, calling, travelling, 2 buzzards in flight, a third perched on electricity pole	CB
BZ053	VP1	10/03/2023	15:27	Buzzard	2	70	35	35	0	0	improved agricultural grassland, hedgerows and tilled land; soaring, travelling	CB
BZ054	VP1	10/03/2023	15:29	Buzzard	2	175	5	10	160	0	improved agricultural grassland and hedgerows; soaring	CB
BZ055	VP1	10/03/2023	15:31	Buzzard	1	75	45	30	0	0	improved agricultural grassland and hedgerows; soaring	CB

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ056	VP1	10/03/2023	15:44	Buzzard	1	165	0	150	15	0	improved agricultural grassland and hedgerows; soaring	CB
BZ057	VP1	10/03/2023	16:31	Buzzard	5	420	60	270	90	0	improved agricultural grassland, hedgerows and tilled land; soaring and calling	CB
BZ058	VP1	10/03/2023	16:43	Buzzard	1	75	5	50	20	0	improved agricultural grassland and hedgerows; soaring	CB
BZ059	VP1	10/03/2023	16:53	Buzzard	2	225	25	120	80	0	improved agricultural grassland and hedgerows; gliding	CB
BZ061	VP1	10/03/2023	18:03	Buzzard	1	-	-	-	-	-	hedgerows and improved agricultural grassland; perched in hedgerow	CB
BZ062	VP1	10/03/2023	18:26	Buzzard	1	20	20	0	0	0	improved agricultural grassland and hedgerows; gliding, perched on electricity pole	CB
BZ063	VP1	10/03/2023	18:45	Buzzard	1	-	-	-	-	-	hedgerows and improved agricultural grassland; calling, heard not seen, low light	CB
BZ064	VP1	28/04/2023	08:59	Buzzard	2	45	25	20	0	0	improved agricultural grassland, hedgerows and cultivated land; travelling / gliding	CB
BZ065	VP1	28/04/2023	09:02	Buzzard	1	270	0	100	140	30	improved agricultural grassland, hedgerows and cultivated land; soaring then travelling se across viewshed	CB
BZ066	VP1	28/04/2023	10:34	Buzzard	1	20	15	5	0	0	improved agricultural grassland and hedgerows; travelling, in field behind VP, not in viewshed	CB
BZ067	VP1	28/04/2023	10:50	Buzzard	2	55	10	45	0	0	improved agricultural grassland; soaring, swooping, in field behind VP, not in viewshed	CB
BZ068	VP1	28/04/2023	11:18	Buzzard	1	390	10	100	220	60	improved agricultural grassland, cultivated land and hedgerows; soaring	CB
BZ069	VP2	22/05/2023	15:58	Buzzard	1	318	0	318	0	0	improved agricultural grassland; hunting	KW
BZ070	VP2	22/05/2023	16:16	Buzzard	1	223	0	223	0	0	improved agricultural grassland; hunting	KW

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ071	VP2	22/05/2023	16:41	Buzzard	1	452	0	106	346	0	improved agricultural grassland; hunting	KW
BZ072	VP2	22/05/2023	17:48	Buzzard	1	56	56	0	0	0	improved agricultural grassland; hunting	KW
BZ073	VP2	22/05/2023	17:53	Buzzard	1	95	0	0	95	0	improved agricultural grassland; flying	KW
BZ074	VP2	22/05/2023	17:59	Buzzard	1	374	0	374	0	0	improved agricultural grassland; hunting	KW
BZ075	VP2	22/05/2023	18:22	Buzzard	1	439	0	439	0	0	improved agricultural grassland; hunting	KW
BZ076	VP2	22/05/2023	18:28	Buzzard	1	289	0	16	273	0	improved agricultural grassland; hunting	KW
BZ077	VP2	22/05/2023	19:51	Buzzard	1	318	0	0	318	0	improved agricultural grassland; hunting	KW
BZ078	VP2	22/05/2023	19:54	Buzzard	2	151	0	0	151	0	improved agricultural grassland; flying	KW
BZ079	VP1	29/05/2023	16:25	Buzzard	1	107	0	0	107	0	improved agricultural grassland; hunting	KW
BZ080	VP1	29/05/2023	17:24	Buzzard	1	276	0	34	242	0	improved agricultural grassland; hunting	KW
BZ081	VP1	29/05/2023	17:56	Buzzard	1	16	0	16	0	0	improved agricultural grassland; hunting	KW
BZ082	VP1	29/05/2023	18:16	Buzzard	1	237	0	0	237	0	improved agricultural grassland; hunting	KW
BZ083	VP1	29/05/2023	18:31	Buzzard	1	309	0	104	205	0	improved agricultural grassland; hunting	KW
BZ084	VP1	29/05/2023	19:36	Buzzard	1	18	0	18	0	0	improved agricultural grassland; hunting	KW
BZ085	VP1	29/05/2023	19:54	Buzzard	1	5	5	0	0	0	improved agricultural grassland; flying	KW
BZ086	VP1	29/05/2023	20:01	Buzzard	1	7	1	0	0	0	improved agricultural grassland; flying	KW
BZ087	VP1	29/05/2023	20:09	Buzzard	1	5	5	0	0	0	improved agricultural grassland; flying	KW
BZ088	VP1	29/05/2023	20:28	Buzzard	1	4	4	0	0	0	improved agricultural grassland; flying	KW
BZ089	VP2	22/06/2023	09:24	Buzzard	1	296	0	23	273	0	improved agricultural grassland; hunting	KW
BZ090	VP2	22/06/2023	10:20	Buzzard	1	19	19	0	0	0	improved agricultural grassland; hunting	KW

Ref.	VP	Date	Time	Species	Number	Duration of flight (s)	Band 1 (0-15m)	Band 2 (15-49m)	Band 3 (49-120m)	Band 4 (>200m)	Habitat and activity	Surveyor
BZ091	VP2	22/06/2023	10:22	Buzzard	1	36	0	36	0	0	improved agricultural grassland; hunting	KW
BZ092	VP2	22/06/2023	12:34	Buzzard	1	53	53	0	0	0	improved agricultural grassland; hunting	KW
BZ093	VP2	22/06/2023	13:02	Buzzard	1	286	0	0	79	207	improved agricultural grassland; hunting	KW
BZ094	VP2	22/06/2023	13:29	Buzzard	1	91	0	0	91	0	improved agricultural grassland; hunting	KW
BZ095	VP2	22/06/2023	13:40	Buzzard	1	36	0	0	36	0	improved agricultural grassland; hunting	KW
BZ096	VP2	22/06/2023	14:43	Buzzard	1	148	0	145	0	0	improved agricultural grassland; hunting	KW
BZ097	VP1	24/06/2023	09:51	Buzzard	1	111	0	2	0	0	improved agricultural grassland; hunting	KW
BZ098	VP1	24/06/2023	09:56	Buzzard	1	296	0	5	0	0	improved agricultural grassland; hunting	KW
BZ099	VP1	24/06/2023	10:12	Buzzard	1	102	0	4	0	0	improved agricultural grassland; hunting	KW
BZ100	VP1	24/06/2023	10:18	Buzzard	2	497	0	20	0	0	improved agricultural grassland; hunting	KW
BZ101	VP1	24/06/2023	11:30	Buzzard	1	212	0	212	0	0	improved agricultural grassland; hunting	KW
BZ102	VP1	24/06/2023	12:16	Buzzard	1	857	0	851	0	0	improved agricultural grassland; hunting	KW
BZ103	VP1	24/06/2023	13:37	Buzzard	1	388	0	388	0	0	improved agricultural grassland; hunting	KW
BZ104	VP1	24/06/2023	14:26	Buzzard	2	84	0	6	0	0	improved agricultural grassland; soaring	KW
BZ105	VP2	11/07/2023	08:34	Buzzard	1	77	77	0	0	0	improved agricultural grassland; flying	KW
BZ106	VP2	11/07/2023	08:36	Buzzard	1	226	0	11	215	0	improved agricultural grassland; hunting	KW
BZ107	VP2	11/07/2023	10:00	Buzzard	1	18	18	0	0	0	improved agricultural grassland; flying	KW
BZ108	VP2	11/07/2023	10:01	Buzzard	1	294	294	0	0	0	improved agricultural grassland; hunting	KW