



APPENDIX 7-2

SURVEY EFFORT

Appendix 7-2 – Survey Effort

Clonberne Wind Farm





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Table 1 Vantage Point Survey Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
12/10/2017	Vantage Point Survey	VP1	1:00 starting at 06:55	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
12/10/2017	Vantage Point Survey	VP1	2:00 starting at 07:55	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
12/10/2017	Vantage Point Survey	VP1	3:00 starting at 10:25	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
27/10/2017	Vantage Point Survey	VP2	1:00 starting at 07:25	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DM
27/10/2017	Vantage Point Survey	VP2	2:00 starting at 08:25	Visibility: moderate; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		DM
27/10/2017	Vantage Point Survey	VP2	1:00 starting at 10:55	Visibility: moderate; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
27/10/2017	Vantage Point Survey	VP2	1:00 starting at 11:55	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
27/10/2017	Vantage Point Survey	VP2	1:00 starting at 12:55	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
01/11/2017	Vantage Point Survey	VP1	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
01/11/2017	Vantage Point Survey	VP1	1:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
01/11/2017	Vantage Point Survey	VP1	1:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
01/11/2017	Vantage Point Survey	VP1	1:00 starting at 16:05	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
01/11/2017	Vantage Point Survey	VP1	1:00 starting at 17:05	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Patches of ground fog during last half hour of survey.	JOS
06/11/2017	Vantage Point Survey	VP2	1:00 starting at 11:25	Visibility: good; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/11/2017	Vantage Point Survey	VP2	1:00 starting at 12:25	Visibility: good; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/11/2017	Vantage Point Survey	VP2	1:00 starting at 13:25	Visibility: good; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
13/11/2017	Vantage Point Survey	VP1	1:00 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
20/11/2017	Vantage Point Survey	VP2	1:00 starting at 10:50	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
20/11/2017	Vantage Point Survey	VP2	1:00 starting at 11:50	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
21/11/2017	Vantage Point Survey	VP2	1:00 starting at 11:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
06/12/2017	Vantage Point Survey	VP2	1:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
06/12/2017	Vantage Point Survey	VP2	1:00 starting at 11:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/12/2017	Vantage Point Survey	VP2	1:00 starting at 12:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
07/12/2017	Vantage Point Survey	VP1	0:30 starting at 07:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	Survey paused 08:00-08:30 due to heavy rain.	JOS
07/12/2017	Vantage Point Survey	VP1	1:00 starting at 08:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	09:25 Rain showers.	JOS
07/12/2017	Vantage Point Survey	VP1	1:00 starting at 09:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
07/12/2017	Vantage Point Survey	VP1	0:30 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
07/12/2017	Vantage Point Survey	VP1	1:00 starting at 12:08	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
07/12/2017	Vantage Point Survey	VP1	1:00 starting at 13:08	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
08/12/2017	Vantage Point Survey	VP2	1:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		JOS
08/12/2017	Vantage Point Survey	VP2	1:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: on ground	12:54 sleet. Wind 5	JOS
08/12/2017	Vantage Point Survey	VP2	1:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: on ground		JOS
12/12/2017	Vantage Point Survey	VP1	1:00 starting at 07:42	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: on ground		JOS
22/01/2018	Vantage Point Survey	VP2	1:00 starting at 11:28	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
22/01/2018	Vantage Point Survey	VP2	1:00 starting at 12:28	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
22/01/2018	Vantage Point Survey	VP2	1:00 starting at 13:28	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		PM
22/01/2018	Vantage Point Survey	VP2	3:00 starting at 14:58	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
23/01/2018	Vantage Point Survey	VP1	2:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
23/01/2018	Vantage Point Survey	VP1	1:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		PM
23/01/2018	Vantage Point Survey	VP1	1:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		PM
23/01/2018	Vantage Point Survey	VP1	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PM

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
23/01/2018	Vantage Point Survey	VP1	1:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PM
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 07:06	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		JH
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 08:06	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		JH
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 09:06	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		JH
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 10:36	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: on ground		JH
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 11:36	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: on ground		JH
09/02/2018	Vantage Point Survey	VP1	1:00 starting at 12:36	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 06:58	Visibility: poor; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 07:58	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 08:58	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 10:28	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 11:28	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
13/02/2018	Vantage Point Survey	VP2	1:00 starting at 12:28	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Wintry Snow showers	JH
16/03/2018	Vantage Point Survey	VP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
16/03/2018	Vantage Point Survey	VP1	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
16/03/2018	Vantage Point Survey	VP1	2:00 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
22/03/2018	Vantage Point Survey	VP2	1:00 starting at 13:20	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		DM
22/03/2018	Vantage Point Survey	VP2	2:00 starting at 14:20	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
23/03/2018	Vantage Point Survey	VP2	1:00 starting at 16:50	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
23/03/2018	Vantage Point Survey	VP2	1:00 starting at 17:50	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
23/03/2018	Vantage Point Survey	vp2	1:00 starting at 18:50	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
20/04/2018	Vantage Point Survey	VP1	6:35 starting at 07:25	Visibility: limited; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		SF
21/04/2018	Vantage Point Survey	VP2	6:35 starting at 05:55	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SF
17/05/2018	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/05/2018	Vantage Point Survey	VP1	3:00 starting at 19:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/05/2018	Vantage Point Survey	VP2	3:00 starting at 16:02	Visibility: good; Wind speed and direction: light breeze WSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
18/05/2018	Vantage Point Survey	VP2	3:00 starting at 19:32	Visibility: good; Wind speed and direction: light breeze WSW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
11/06/2018	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/06/2018	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/06/2018	Vantage Point Survey	VP1	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
18/06/2018	Vantage Point Survey	VP1	3:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
12/07/2018	Vantage Point Survey	VP1	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
12/07/2018	Vantage Point Survey	VP1	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/07/2018	Vantage Point Survey	VP2	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/07/2018	Vantage Point Survey	VP2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/08/2018	Vantage Point Survey	VP1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/08/2018	Vantage Point Survey	VP1	3:00 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/08/2018	Vantage Point Survey	VP2	3:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/08/2018	Vantage Point Survey	VP2	3:00 starting at 12:30	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
16/09/2018	Vantage Point Survey	VP1	3:00 starting at 06:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/09/2018	Vantage Point Survey	VP1	3:00 starting at 09:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
25/09/2018	Vantage Point Survey	VP2	3:00 starting at 06:26	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
25/09/2018	Vantage Point Survey	VP2	3:00 starting at 09:56	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
25/10/2018	Vantage Point Survey	VP2	3:00 starting at 12:49	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
25/10/2018	Vantage Point Survey	VP2	3:00 starting at 16:19	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
26/10/2018	Vantage Point Survey	VP1	3:00 starting at 12:47	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
26/10/2018	Vantage Point Survey	VP1	3:00 starting at 16:17	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
23/11/2018	Vantage Point Survey	VP2	3:00 starting at 07:15	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
23/11/2018	Vantage Point Survey	VP2	3:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CP
26/11/2018	Vantage Point Survey	VP1	3:00 starting at 07:20	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Mist in far distance.	CP
26/11/2018	Vantage Point Survey	VP1	3:00 starting at 10:50	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Mist in far distance.	CP
10/12/2018	Vantage Point Survey	VP2	3:00 starting at 10:44	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP
10/12/2018	Vantage Point Survey	VP2	3:00 starting at 14:14	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP
12/12/2018	Vantage Point Survey	VP1	3:00 starting at 10:44	Visibility: good; Wind speed and direction: moderate breeze ESE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CP
12/12/2018	Vantage Point Survey	VP1	3:00 starting at 14:14	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
17/01/2019	Vantage Point Survey	VP1	3:00 starting at 07:41	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: light; Snow: none	Mist in far distance.	CP
17/01/2019	Vantage Point Survey	VP1	3:00 starting at 11:11	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Mist in far distance.	CP
18/01/2019	Vantage Point Survey	VP2	3:00 starting at 07:39	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP
18/01/2019	Vantage Point Survey	VP2	3:00 starting at 11:09	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/02/2019	Vantage Point Survey	VP1	3:00 starting at 12:06	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
11/02/2019	Vantage Point Survey	VP1	3:00 starting at 15:36	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
15/02/2019	Vantage Point Survey	VP2	3:00 starting at 12:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
15/02/2019	Vantage Point Survey	VP2	3:00 starting at 15:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
14/03/2019	Vantage Point Survey	VP2	3:00 starting at 05:53	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/03/2019	Vantage Point Survey	VP2	3:00 starting at 09:23	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
20/03/2019	Vantage Point Survey	VP1	3:00 starting at 05:38	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mist in far distance.	CP
20/03/2019	Vantage Point Survey	VP1	3:00 starting at 09:08	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mist in far distance.	CP
08/04/2019	Vantage Point Survey	VP1	3:00 starting at 14:52	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mist in far distance. Cloud diffused with sun sometimes shining through.	CP
08/04/2019	Vantage Point Survey	VP1	3:00 starting at 18:22	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mist in far distance. Cloud diffused with sun sometimes shining through.	CP
09/04/2019	Vantage Point Survey	VP2	3:00 starting at 14:53	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
09/04/2019	Vantage Point Survey	VP2	3:00 starting at 18:23	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/05/2019	Vantage Point Survey	VP1	3:00 starting at 04:46	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Peat cutting in distance.	CP
10/05/2019	Vantage Point Survey	VP1	3:00 starting at 08:16	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Peat cutting in distance.	CP
11/05/2019	Vantage Point Survey	VP2	3:00 starting at 04:44	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
11/05/2019	Vantage Point Survey	VP2	3:00 starting at 08:14	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
06/06/2019	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
06/06/2019	Vantage Point Survey	VP1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
08/06/2019	Vantage Point Survey	VP2	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
08/06/2019	Vantage Point Survey	VP2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
18/07/2019	Vantage Point Survey	VP2	3:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/07/2019	Vantage Point Survey	VP2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/07/2019	Vantage Point Survey	VP1	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
20/07/2019	Vantage Point Survey	VP1	3:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
23/08/2019	Vantage Point Survey	VP2	3:00 starting at 09:00	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
23/08/2019	Vantage Point Survey	VP2	3:00 starting at 12:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
25/08/2019	Vantage Point Survey	VP1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Humid.	CP
25/08/2019	Vantage Point Survey	VP1	3:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Humid. Sunny intervals.	CP
13/09/2019	Vantage Point Survey	VP2	3:00 starting at 14:27	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny	CP
13/09/2019	Vantage Point Survey	VP2	3:00 starting at 17:57	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny. Still by the end of watch.	CP
14/09/2019	Vantage Point Survey	VP1	3:00 starting at 14:24	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/09/2019	Vantage Point Survey	VP1	3:00 starting at 17:54	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/10/2019	Vantage Point Survey	VP2	3:00 starting at 07:13	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny; heat haze over bog later.	CP
21/10/2019	Vantage Point Survey	VP2	3:00 starting at 10:43	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny; heat haze over bog.	CP
27/10/2019	Vantage Point Survey	VP1	3:00 starting at 06:24	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		CP
27/10/2019	Vantage Point Survey	VP1	3:00 starting at 09:54	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
07/11/2019	Vantage Point Survey	VP1	3:00 starting at 11:22	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Glare	CP
07/11/2019	Vantage Point Survey	VP1	3:00 starting at 14:52	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none	Glare	CP
14/11/2019	Vantage Point Survey	VP2	3:00 starting at 11:09	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/11/2019	Vantage Point Survey	VP2	3:00 starting at 14:39	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny. Glare at end.	CP
27/12/2019	Vantage Point Survey	VP2	3:00 starting at 07:50	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Showers after 10:00	CP
27/12/2019	Vantage Point Survey	VP2	3:00 starting at 11:20	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		CP
30/12/2019	Vantage Point Survey	VP1	3:00 starting at 07:50	Visibility: moderate; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
30/12/2019	Vantage Point Survey	VP1	3:00 starting at 11:20	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
20/01/2020	Vantage Point Survey	VP2	3:00 starting at 11:24	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/01/2020	Vantage Point Survey	VP2	3:00 starting at 14:54	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
21/01/2020	Vantage Point Survey	VP1	3:00 starting at 11:24	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/01/2020	Vantage Point Survey	VP1	3:00 starting at 14:54	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
25/02/2020	Vantage Point Survey	VP2	3:00 starting at 06:32	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Occasional sunny intervals.	CP
25/02/2020	Vantage Point Survey	VP2	3:00 starting at 10:02	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Light wintry showers.	CP
26/02/2020	Vantage Point Survey	VP1	3:00 starting at 06:30	Visibility: good; Wind speed and direction: gentle breeze WSW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: on ground	Occasional sunny intervals.	CP
26/02/2020	Vantage Point Survey	VP1	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: light; Snow: on ground	Occasional sunny intervals.	CP
19/03/2020	Vantage Point Survey	VP2	3:00 starting at 13:16	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
19/03/2020	Vantage Point Survey	VP2	3:00 starting at 16:46	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
23/03/2020	Vantage Point Survey	VP1	3:00 starting at 13:23	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
23/03/2020	Vantage Point Survey	VP1	3:00 starting at 16:53	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
11/10/2022	Vantage Point Survey	VP1	1:00 starting at 06:35	Visibility: limited; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		PDC
11/10/2022	Vantage Point Survey	VP1	1:00 starting at 07:35	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
11/10/2022	Vantage Point Survey	VP1	1:00 starting at 08:35	Visibility: poor; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		PDC
11/10/2022	Vantage Point Survey	VP1	3:00 starting at 10:05	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
12/10/2022	Vantage Point Survey	VP2	1:00 starting at 06:30	Visibility: none; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
12/10/2022	Vantage Point Survey	VP2	1:00 starting at 07:30	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
12/10/2022	Vantage Point Survey	VP2	1:00 starting at 08:30	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
12/10/2022	Vantage Point Survey	VP2	2:00 starting at 10:00	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Visibility varied between 4 and 5, as it was very dull and hazy in the distance.	PDC
12/10/2022	Vantage Point Survey	VP2	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/11/2022	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		MH
14/11/2022	Vantage Point Survey	VP1	3:00 starting at 14:00	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		MH



Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
16/11/2022	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		MH
16/11/2022	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		MH
07/12/2022	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		MH
07/12/2022	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		MH
08/12/2022	Vantage Point Survey	VP1	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air ENE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		MH
08/12/2022	Vantage Point Survey	VP1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air ENE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		MH
23/01/2023	Vantage Point Survey	VP2	3:00 starting at 09:50	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Very foggy, especially in the distance	PDC
23/01/2023	Vantage Point Survey	VP2	2:00 starting at 13:20	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Still very murky	PDC
23/01/2023	Vantage Point Survey	VP2	1:00 starting at 15:20	Visibility: limited; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/01/2023	Vantage Point Survey	VP1	3:00 starting at 10:05	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Persistent drizzle and heavy mist	PDC
24/01/2023	Vantage Point Survey	VP1	1:00 starting at 13:35	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		PDC
24/01/2023	Vantage Point Survey	VP1	1:00 starting at 14:35	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		PDC
24/01/2023	Vantage Point Survey	VP1	1:00 starting at 15:35	Visibility: limited; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		PDC
13/02/2023	Vantage Point Survey	VP2	1:00 starting at 06:45	Visibility: poor; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/02/2023	Vantage Point Survey	VP2	1:00 starting at 07:45	Visibility: moderate; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/02/2023	Vantage Point Survey	VP2	1:00 starting at 08:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/02/2023	Vantage Point Survey	VP2	2:00 starting at 10:15	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
13/02/2023	Vantage Point Survey	VP2	1:00 starting at 12:15	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 06:40	Visibility: limited; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 07:40	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 08:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 10:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 11:10	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/02/2023	Vantage Point Survey	VP1	1:00 starting at 12:10	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
02/03/2023	Vantage Point Survey	VP1	1:00 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
02/03/2023	Vantage Point Survey	VP1	2:00 starting at 12:45	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
02/03/2023	Vantage Point Survey	VP1	1:00 starting at 15:15	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
02/03/2023	Vantage Point Survey	VP1	1:00 starting at 16:15	Visibility: poor; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
02/03/2023	Vantage Point Survey	VP1	1:00 starting at 17:15	Visibility: limited; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 17:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
03/03/2023	Vantage Point Survey	VP2	1:00 starting at 18:30	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
25/04/2023	Vantage Point Survey	VP1	1:00 starting at 06:30	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		PDC
25/04/2023	Vantage Point Survey	VP1	1:00 starting at 07:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		PDC
25/04/2023	Vantage Point Survey	VP1	1:00 starting at 08:30	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Visibility in distance not great as it was quite murky.	PDC
25/04/2023	Vantage Point Survey	VP1	2:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
25/04/2023	Vantage Point Survey	VP1	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/04/2023	Vantage Point Survey	VP2	1:00 starting at 06:20	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/04/2023	Vantage Point Survey	VP2	2:00 starting at 07:20	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
26/04/2023	Vantage Point Survey	VP2	1:00 starting at 09:50	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/04/2023	Vantage Point Survey	VP2	2:00 starting at 10:50	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
02/05/2023	Vantage Point Survey	VP1	2:00 starting at 14:45	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	OPW were on site, cleaning out the river that runs behind VP1.	PDC
02/05/2023	Vantage Point Survey	VP1	1:00 starting at 16:45	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
02/05/2023	Vantage Point Survey	VP1	2:00 starting at 18:15	Visibility: moderate; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
02/05/2023	Vantage Point Survey	VP1	1:00 starting at 20:15	Visibility: limited; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
08/05/2023	Vantage Point Survey	VP2	1:00 starting at 14:30	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
08/05/2023	Vantage Point Survey	VP2	1:00 starting at 15:30	Visibility: moderate; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
08/05/2023	Vantage Point Survey	VP2	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
08/05/2023	Vantage Point Survey	VP2	2:00 starting at 18:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
08/05/2023	Vantage Point Survey	VP2	1:00 starting at 20:00	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/06/2023	Vantage Point Survey	VP1	1:00 starting at 06:20	Visibility: moderate; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/06/2023	Vantage Point Survey	VP1	2:00 starting at 07:20	Visibility: moderate; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/06/2023	Vantage Point Survey	VP1	1:00 starting at 09:50	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/06/2023	Vantage Point Survey	VP1	2:00 starting at 10:50	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
29/06/2023	Vantage Point Survey	VP2	1:00 starting at 06:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PDC
29/06/2023	Vantage Point Survey	VP2	2:00 starting at 07:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
29/06/2023	Vantage Point Survey	VP2	3:00 starting at 09:50	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
07/07/2023	Vantage Point Survey	VP2	1:00 starting at 10:15	Visibility: good; Wind speed and direction: moderate breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
07/07/2023	Vantage Point Survey	VP2	2:00 starting at 11:15	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
07/07/2023	Vantage Point Survey	VP2	2:30 starting at 13:45	Visibility: good; Wind speed and direction: strong breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
07/07/2023	Vantage Point Survey	VP2	0:30 starting at 16:15	Visibility: good; Wind speed and direction: fresh breeze NNW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 06:30	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 07:30	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 08:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 11:00	Visibility: moderate; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		LDV
13/07/2023	Vantage Point Survey	VP1	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
21/08/2023	Vantage Point Survey	VP1	1:00 starting at 06:25	Visibility: moderate; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/08/2023	Vantage Point Survey	VP1	2:00 starting at 07:25	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/08/2023	Vantage Point Survey	VP1	3:00 starting at 10:05	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/08/2023	Vantage Point Survey	VP2	1:00 starting at 06:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/08/2023	Vantage Point Survey	VP2	1:00 starting at 07:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/08/2023	Vantage Point Survey	VP2	1:00 starting at 08:40	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		PDC
22/08/2023	Vantage Point Survey	VP2	3:00 starting at 10:10	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 06:00	Visibility: limited; Wind speed and direction: calm E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: calm E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 08:00	Visibility: moderate; Wind speed and direction: calm E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 10:30	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/09/2023	Vantage Point Survey	VP1	1:00 starting at 11:30	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC
14/09/2023	Vantage Point Survey	VP2	1:00 starting at 05:45	Visibility: none; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC



Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
14/09/2023	Vantage Point Survey	VP2	1:00 starting at 06:45	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <1.50m; Rain: none; Frost: none; Snow: none	Ground mist covering viewshed	PDC
14/09/2023	Vantage Point Survey	VP2	1:00 starting at 07:45	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 1.50-500m; Rain: none; Frost: none; Snow: none	Mist lifted	PDC
14/09/2023	Vantage Point Survey	VP2	1:00 starting at 09:15	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 1.50-500m; Rain: none; Frost: none; Snow: none		PDC
14/09/2023	Vantage Point Survey	VP2	2:00 starting at 10:15	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 1.50-500m; Rain: none; Frost: none; Snow: none		PDC

Table 2 Breeding Walkover Survey Effort

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
12/04/2018	O'Brien & Smith		04:30 starting at 12:20	Wind Speed and Direction: Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
13/04/2018	O'Brien & Smith		06:46 starting at 12:55	Wind Speed and Direction: Calm, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
21/05/2018	O'Brien & Smith		11:01 starting at 11:04	Wind Speed and Direction: Light Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None; Snow: None	Drier later	CP
22/05/2018	O'Brien & Smith		09:18 starting at 12:52	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-20 Rain: Light Showers; Frost: None; Snow: None	Sunny	CP
23/05/2018	O'Brien & Smith		03:40 starting at 18:00	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None; Snow: None	Sunny	CP
19/06/2018	O'Brien & Smith		05:18 starting at 10:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None; Snow: None	Overcast	CP
20/06/2018	O'Brien & Smith		09:45 starting at 12:55	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None		CP
21/06/2018	O'Brien & Smith		06:52 starting at 04:40	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None; Snow: None		CP
10/04/2019	O'Brien & Smith	1	00:10 starting at 09:30	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	2	00:16 starting at 09:55	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	10	00:17 starting at 10:16	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	3	00:20 starting at 10:45	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	6	00:18 starting at 11:05	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	7	00:24 starting at 11:26	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	9	00:07 starting at 12:05	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	8	00:20 starting at 12:30	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
10/04/2019	O'Brien & Smith	23	01:27 starting at 12:51	Wind Speed and Direction: Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 25-50 Rain: None; Frost: None; Snow: None	Sunny	CP
11/04/2019	O'Brien & Smith	13	00:21 starting at 09:29	Wind Speed and Direction: Light Air, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	11	00:48 starting at 10:06	Wind Speed and Direction: Light Air, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
11/04/2019	O'Brien & Smith	12	00:20 starting at 11:30	Wind Speed and Direction: Light Air, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	22	00:15 starting at 12:15	Wind Speed and Direction: Light Air, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	21	00:23 starting at 12:35	Wind Speed and Direction: Light Air, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	18	00:15 starting at 13:21	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	20	00:19 starting at 13:46	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	24	00:31 starting at 14:06	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	19	00:11 starting at 14:54	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
11/04/2019	O'Brien & Smith	27	00:41 starting at 15:15	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	14	00:20 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	4	00:35 starting at 10:35	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	5	00:58 starting at 11:17	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	26	00:26 starting at 12:20	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	25	00:51 starting at 13:01	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	15	00:29 starting at 14:06	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	16	00:25 starting at 14:37	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
12/04/2019	O'Brien & Smith	17	00:15 starting at 15:10	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Overcast	CP
13/05/2019	O'Brien & Smith	1	00:12 starting at 17:46	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	2	00:19 starting at 18:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	10	00:08 starting at 18:23	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	3	00:21 starting at 18:39	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
13/05/2019	O'Brien & Smith	6	00:20 starting at 19:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	7	00:25 starting at 19:35	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	9	00:10 starting at 20:19	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	8	00:23 starting at 20:36	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None	Sunny	CP
13/05/2019	O'Brien & Smith	23	01:25 starting at 21:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 15-30 Rain: None; Frost: None; Snow: None		CP
14/05/2019	O'Brien & Smith	13	00:21 starting at 17:26	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	11	00:46 starting at 18:07	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	12	00:11 starting at 19:15	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	22	00:15 starting at 19:40	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	21	00:18 starting at 20:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	18	00:16 starting at 20:33	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	20	00:09 starting at 20:55	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	19	00:11 starting at 21:13	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny	CP
14/05/2019	O'Brien & Smith	24	01:00 starting at 21:39	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None		CP
14/05/2019	O'Brien & Smith	27	01:00 starting at 21:39	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None		CP
15/05/2019	O'Brien & Smith	14	00:15 starting at 18:55	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny	CP
15/05/2019	O'Brien & Smith	4	00:37 starting at 19:27	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny	CP
15/05/2019	O'Brien & Smith	5	00:30 starting at 20:15	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny	CP
15/05/2019	O'Brien & Smith	26	00:15 starting at 20:50	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny	CP
15/05/2019	O'Brien & Smith	25	00:11 starting at 21:09	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny	CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
15/05/2019	O'Brien & Smith	15	00:21 starting at 21:21	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None		CP
15/05/2019	O'Brien & Smith	16	00:18 starting at 21:43	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None		CP
15/05/2019	O'Brien & Smith	17	00:07 starting at 22:06	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None		CP
15/05/2019	O'Brien & Smith	17, 16, 25, 26, 5	00:42 starting at 22:13	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None		CP
24/06/2019	O'Brien & Smith	23	01:05 starting at 04:15	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Light mist	CP
24/06/2019	O'Brien & Smith	8	00:25 starting at 05:20	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Light mist	CP
24/06/2019	O'Brien & Smith	9	00:12 starting at 05:46	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Light mist	CP
24/06/2019	O'Brien & Smith	7	00:30 starting at 06:15	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Light mist	CP
24/06/2019	O'Brien & Smith	6	00:20 starting at 06:46	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Light mist	CP
24/06/2019	O'Brien & Smith	3	00:22 starting at 07:21	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
24/06/2019	O'Brien & Smith	1	00:12 starting at 08:20	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
24/06/2019	O'Brien & Smith	2	00:21 starting at 08:33	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
24/06/2019	O'Brien & Smith	10	00:12 starting at 08:56	Wind Speed and Direction: Calm, N/A; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	11	00:50 starting at 04:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	12	00:14 starting at 05:35	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	20	00:10 starting at 06:07	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	24	01:03 starting at 06:17	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	27	01:03 starting at 06:17	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	19	00:13 starting at 07:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	18	00:15 starting at 07:50	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
25/06/2019	O'Brien & Smith	21	00:20 starting at 08:20	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	22	00:16 starting at 08:51	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None; Snow: None		CP
25/06/2019	O'Brien & Smith	13	00:19 starting at 09:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	17, 16, 25, 26, 5	01:00 starting at 04:00	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	4	00:30 starting at 05:00	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	5	00:30 starting at 05:45	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	26	00:15 starting at 06:20	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	25	00:20 starting at 06:40	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 15 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	15	00:34 starting at 07:01	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 15 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	16	00:20 starting at 07:36	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	17	00:12 starting at 07:58	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None; Snow: None		CP
26/06/2019	O'Brien & Smith	14	00:21 starting at 08:42	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	1	00:13 starting at 10:01	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	2	00:22 starting at 10:15	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	10	00:10 starting at 10:37	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	3	00:25 starting at 10:55	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	6	00:22 starting at 11:21	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	7	00:28 starting at 12:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None; Snow: None		CP
11/07/2019	O'Brien & Smith	9	00:12 starting at 12:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
11/07/2019	O'Brien & Smith	8	00:25 starting at 13:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny intervals	CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
11/07/2019	O'Brien & Smith	23	01:10 starting at 13:35	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	13	00:25 starting at 09:05	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	11	00:45 starting at 09:40	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	12	00:12 starting at 10:45	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	22	00:17 starting at 11:43	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 70 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	21	00:21 starting at 12:20	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	18	00:23 starting at 13:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	19	00:16 starting at 13:35	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	20	00:12 starting at 13:52	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	24	00:30 starting at 14:05	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/07/2019	O'Brien & Smith	27	00:40 starting at 14:53	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
17/07/2019	O'Brien & Smith	14	00:13 starting at 10:19	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	16	00:15 starting at 11:05	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	17	00:25 starting at 11:27	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	4	00:27 starting at 12:10	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	5	00:52 starting at 12:55	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	26	00:23 starting at 14:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
17/07/2019	O'Brien & Smith	25	00:54 starting at 14:30	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP

Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
17/07/2019	O'Brien & Smith	L5	00:22 starting at 15:40	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
17/04/2023	O'Brien & Smith	T1	1:00 starting at 07:15	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/04/2023	O'Brien & Smith	T1	3:50 starting at 08:15	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/04/2023	O'Brien & Smith	T3	2:00 starting at 07:15	Visibility: poor; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Very foggy around the site.	PDC
18/04/2023	O'Brien & Smith	T3	2:30 starting at 09:15	Visibility: moderate; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Still quite murky. Part of the road that makes up the transect was closed due to Galway CC roadworks.	PDC
20/04/2023	O'Brien & Smith	T2	2:00 starting at 07:10	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	More roadworks and road closures on this transect.	PDC
20/04/2023	O'Brien & Smith	T2	2:20 starting at 09:10	Visibility: good; Wind speed and direction: strong breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
22/05/2023	O'Brien & Smith	T1	1:00 starting at 07:05	Visibility: good; Wind speed and direction: calm NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
22/05/2023	O'Brien & Smith	T1	1:00 starting at 08:05	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/05/2023	O'Brien & Smith	T1	2:25 starting at 09:05	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
23/05/2023	O'Brien & Smith	T2	2:00 starting at 07:15	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		PDC
23/05/2023	O'Brien & Smith	T2	2:05 starting at 09:15	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/05/2023	O'Brien & Smith	T3	4:05 starting at 07:10	Visibility: good; Wind speed and direction: calm W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/06/2023	O'Brien & Smith	T3	2:00 starting at 06:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/06/2023	O'Brien & Smith	T3	2:25 starting at 08:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/06/2023	O'Brien & Smith	T2	2:00 starting at 06:15	Visibility: good; Wind speed and direction: calm S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
22/06/2023	O'Brien & Smith	T2	2:10 starting at 08:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
23/06/2023	O'Brien & Smith	T1	1:00 starting at 06:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Light drizzle	PDC
23/06/2023	O'Brien & Smith	T1	2:00 starting at 07:30	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	Persistent heavy drizzle	PDC
23/06/2023	O'Brien & Smith	T1	1:10 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC



Date	Survey	Location	Survey Duration	Weather Conditions	Comments	Surveyor
17/07/2023	O'Brien & Smith	T1	1:00 starting at 06:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/07/2023	O'Brien & Smith	T1	1:00 starting at 07:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/07/2023	O'Brien & Smith	T1	1:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/07/2023	O'Brien & Smith	T1	1:15 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
18/07/2023	O'Brien & Smith	T2	2:00 starting at 07:00	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC
18/07/2023	O'Brien & Smith	T2	1:40 starting at 09:00	Visibility: poor; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC
19/07/2023	O'Brien & Smith	T3	2:00 starting at 06:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
19/07/2023	O'Brien & Smith	T3	2:15 starting at 08:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Table 3 Breeding Raptor Survey Effort

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
14/04/2018	Breeding Raptor	A	00:41 starting at 08:55	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	B	01:04 starting at 10:01	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	C	01:11 starting at 11:27	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	D	00:23 starting at 12:57	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	E	00:27 starting at 13:30	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	F	00:43 starting at 14:18	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
14/04/2018	Breeding Raptor	G	01:05 starting at 15:19	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	H	01:04 starting at 09:17	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	I	00:46 starting at 10:25	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	L	00:21 starting at 11:36	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	M	00:31 starting at 12:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	J	00:35 starting at 13:10	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	K	00:27 starting at 14:25	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	N	00:59 starting at 15:25	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
17/04/2018	Breeding Raptor	O	01:08 starting at 16:25	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Occasional sunny intervals	CP
24/05/2018	Breeding Raptor	A	00:29 starting at 09:05	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None; Snow: None	Hot, muggy, sunny	CP
24/05/2018	Breeding Raptor	B	00:35 starting at 09:55	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None; Snow: None	Hot, muggy, sunny	CP
24/05/2018	Breeding Raptor	C	01:03 starting at 10:52	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot, muggy, sunny	CP
24/05/2018	Breeding Raptor	D	00:21 starting at 12:20	Wind Speed and Direction: Calm, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot, muggy, sunny	CP
24/05/2018	Breeding Raptor	E	00:22 starting at 12:50	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None	Hot, muggy	CP

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
24/05/2018	Breeding Raptor	F	00:51 starting at 13:37	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Hot, muggy	CP
24/05/2018	Breeding Raptor	G	01:15 starting at 14:47	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None	Hot, muggy	CP
25/05/2018	Breeding Raptor	H	00:50 starting at 10:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	I	00:47 starting at 10:58	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	L	00:28 starting at 12:10	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	M	00:27 starting at 12:48	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	J	00:31 starting at 13:45	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	K	00:26 starting at 14:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	N	00:59 starting at 15:52	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
25/05/2018	Breeding Raptor	O	01:05 starting at 16:55	Wind Speed and Direction: Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None		CP
22/06/2018	Breeding Raptor	A	00:39 starting at 09:50	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	B	00:40 starting at 10:45	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	C	00:55 starting at 11:45	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	D	00:15 starting at 13:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	E	00:20 starting at 13:20	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	F	00:45 starting at 14:00	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot	CP
22/06/2018	Breeding Raptor	G	00:55 starting at 15:00	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hot	CP
23/06/2018	Breeding Raptor	H	00:50 starting at 10:10	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	I	00:38 starting at 11:03	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	L	00:15 starting at 12:05	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	M	00:25 starting at 12:25	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
23/06/2018	Breeding Raptor	J	00:28 starting at 13:15	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	K	00:21 starting at 14:17	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	N	00:51 starting at 15:09	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
23/06/2018	Breeding Raptor	O	01:00 starting at 16:00	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None; Snow: None	Hot and sunny	CP
20/07/2018	Breeding Raptor	A	00:29 starting at 09:30	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	B	00:44 starting at 10:17	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	C	01:03 starting at 11:28	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	D	00:23 starting at 12:55	Wind Speed and Direction: Light Air, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	E	00:20 starting at 13:25	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	F	00:47 starting at 14:08	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
20/07/2018	Breeding Raptor	G	00:55 starting at 15:10	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
21/07/2018	Breeding Raptor	H	00:52 starting at 09:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	I	00:39 starting at 10:02	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	L	00:20 starting at 11:10	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	M	00:30 starting at 11:35	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	J	00:29 starting at 12:26	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	K	00:30 starting at 13:30	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	N	01:19 starting at 14:41	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
21/07/2018	Breeding Raptor	O	01:15 starting at 16:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/04/2019	Breeding Merlin Walkover	D	01:50 starting at 08:45	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
16/04/2019	Breeding Merlin Walkover	C	00:30 starting at 11:00	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
16/04/2019	Breeding Merlin Walkover	E	00:15 starting at 11:55	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
16/04/2019	Breeding Merlin Walkover	F	00:35 starting at 12:20	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
16/04/2019	Breeding Merlin Walkover	K	00:20 starting at 13:15	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/04/2019	Breeding Merlin Walkover	J	00:20 starting at 13:55	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/04/2019	Breeding Merlin Walkover	G	01:30 starting at 14:30	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/04/2019	Breeding Merlin Walkover	I	00:20 starting at 16:30	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/04/2019	Breeding Merlin Walkover	H	00:20 starting at 17:15	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
17/04/2019	Breeding Merlin Walkover	A	00:45 starting at 08:00	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/04/2019	Breeding Merlin Walkover	B	00:30 starting at 09:05	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/04/2019	Breeding Merlin Walkover	L	00:35 starting at 09:45	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/04/2019	Breeding Merlin Walkover	M	00:30 starting at 10:50	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
17/04/2019	Breeding Merlin Walkover	N	01:20 starting at 11:45	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
17/04/2019	Breeding Merlin Walkover	AA	00:40 starting at 13:15	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
17/04/2019	Breeding Merlin Walkover	BB	01:15 starting at 14:40	Wind Speed and Direction: Light Breeze, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
18/04/2019	Breeding Merlin Walkover	U	00:30 starting at 08:10	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hazy	CP
18/04/2019	Breeding Merlin Walkover	P	00:40 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hazy	CP
18/04/2019	Breeding Merlin Walkover	Q	00:25 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hazy	CP
18/04/2019	Breeding Merlin Walkover	R	01:30 starting at 11:05	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Hazy	CP
18/04/2019	Breeding Merlin Walkover	S	00:45 starting at 13:15	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
18/04/2019	Breeding Merlin Walkover	O	01:20 starting at 14:45	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
20/04/2019	Breeding Merlin Walkover	V	01:00 starting at 08:40	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
20/04/2019	Breeding Merlin Walkover	T	01:30 starting at 10:05	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
20/04/2019	Breeding Merlin Walkover	W	00:50 starting at 12:10	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None		CP
20/04/2019	Breeding Merlin Walkover	X	00:45 starting at 13:40	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
20/04/2019	Breeding Merlin Walkover	Z	01:30 starting at 15:05	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
20/04/2019	Breeding Merlin Walkover	Y	01:10 starting at 17:00	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny	CP
16/05/2019	Breeding Raptor	T	03:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None; Snow: None	Peat cutting going on.	CP
16/05/2019	Breeding Raptor	Y	03:00 starting at 17:30	Wind Speed and Direction: Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
17/05/2019	Breeding Raptor	R	03:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny; some heat haze. Peat cutting going on.	CP
17/05/2019	Breeding Raptor	O	03:00 starting at 16:25	Wind Speed and Direction: Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
19/05/2019	Breeding Raptor	AA	03:00 starting at 09:15	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50-100 Rain: Light Showers; Frost: None; Snow: None	One man and a dog turning peat.	CP
19/05/2019	Breeding Raptor	N	03:00 starting at 16:45	Wind Speed and Direction: Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100-50 Rain: None; Frost: None; Snow: None	Couple of old guys at the turf.	CP
20/05/2019	Breeding Raptor	MIG VP	03:00 starting at 19:35	Wind Speed and Direction: Light Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50-0 Rain: None; Frost: None; Snow: None	Some peat cutting activity in wider area.	CP
23/05/2019	Breeding Raptor	D	03:00 starting at 08:50	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
23/05/2019	Breeding Raptor	G	03:00 starting at 16:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None; Snow: None	Peat cutting in distance.	CP
06/06/2019	Breeding Raptor	1	03:00 starting at 10:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75-50 Rain: Light Showers; Frost: None; Snow: None		CP
06/06/2019	Breeding Raptor	1	03:00 starting at 14:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75-50 Rain: Light Showers; Frost: None; Snow: None		CP
08/06/2019	Breeding Raptor	2	03:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75-90 Rain: Light Showers; Frost: None; Snow: None	Sunny intervals	CP
08/06/2019	Breeding Raptor	2	03:00 starting at 13:30	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75-90 Rain: Light Showers; Frost: None; Snow: None	Sunny intervals	CP
15/06/2019	Breeding Raptor	O	03:00 starting at 10:00	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
15/06/2019	Breeding Raptor	R	03:00 starting at 16:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90-50 Rain: None; Frost: None; Snow: None	Sunny intervals Minor peat activities going on.	CP
18/06/2019	Breeding Raptor	Y	03:00 starting at 08:50	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny, some heat haze.	CP

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
18/06/2019	Breeding Raptor	T	03:00 starting at 16:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33 Rain: None; Frost: None; Snow: None	Sunny, some heat haze. Minor peat activities going on.	CP
19/06/2019	Breeding Raptor	N	03:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None		CP
19/06/2019	Breeding Raptor	AA	03:00 starting at 16:00	Wind Speed and Direction: Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None; Snow: None		CP
20/06/2019	Breeding Raptor	G	03:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None; Snow: None		CP
20/06/2019	Breeding Raptor	D	03:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None; Snow: None		CP
22/07/2019	Breeding Raptor	Y	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100-80 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
23/07/2019	Breeding Raptor	R	03:00 starting at 10:00	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None; Snow: None	Sunny intervals	CP
23/07/2019	Breeding Raptor	O	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None; Snow: None		CP
24/07/2019	Breeding Raptor	AA	03:00 starting at 10:00	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None; Snow: None		CP
24/07/2019	Breeding Raptor	N	03:00 starting at 16:00	Wind Speed and Direction: Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None; Snow: None		CP
26/07/2019	Breeding Raptor	D	03:00 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None; Snow: None		CP
26/07/2019	Breeding Raptor	G	03:00 starting at 16:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 50-75 Rain: Light Showers; Frost: None; Snow: None		CP
14/04/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		MH
14/04/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
17/04/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
21/04/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
17/05/2023	Breeding Raptor Survey	BRVP4	1:00 starting at 06:50	Visibility: moderate; Wind speed and direction: calm SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/05/2023	Breeding Raptor Survey	BRVP4	2:00 starting at 07:50	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/05/2023	Breeding Raptor Survey	BRVP1	1:00 starting at 09:55	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		PDC
17/05/2023	Breeding Raptor Survey	BRVP1	1:00 starting at 10:55	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
17/05/2023	Breeding Raptor Survey	BRVP1	1:00 starting at 11:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Date	Survey Method	Location	Survey Duration	Weather Conditions	Comments	Surveyor
18/05/2023	Breeding Raptor Survey	BRVP2	1:00 starting at 06:40	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/05/2023	Breeding Raptor Survey	BRVP2	1:00 starting at 07:40	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/05/2023	Breeding Raptor Survey	BRVP2	1:00 starting at 08:40	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/05/2023	Breeding Raptor Survey	BRVP3	1:00 starting at 09:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
18/05/2023	Breeding Raptor Survey	BRVP3	2:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/06/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 06:50	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
01/06/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 09:55	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
02/06/2023	Breeding Raptor Survey	BRVP2	3:00 starting at 06:40	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
02/06/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 09:50	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		PDC
10/07/2023	Breeding Raptor Survey	BRVP2	1:30 starting at 07:45	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	loud, works in the quarry near the BR	LDV
10/07/2023	Breeding Raptor Survey	BRVP2	1:30 starting at 09:15	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	loud, works in the quarry near the BR	LDV
10/07/2023	Breeding Raptor Survey	BRVP3	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NNW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
12/07/2023	Breeding Raptor Survey	BRVP1	3:00 starting at 05:30	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
12/07/2023	Breeding Raptor Survey	BRVP4	3:00 starting at 08:45	Visibility: good; Wind speed and direction: gentle breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV

Table 4 Winter Walkover Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
25/10/2017	Winter Walkover	500m Survey Radius	3:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SM
25/10/2017	Winter Walkover	500m Survey Radius	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SM
29/10/2017	Winter Walkover	500m Survey Radius	3:00 starting at 08:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		SM
29/10/2017	Winter Walkover	500m Survey Radius	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SM
12/12/2017	Winter Walkover	500m Survey Radius	7:23 starting at 09:07	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: on ground		JOS
13/12/2017	Winter Walkover	500m Survey Radius	6:50 starting at 10:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: on ground		JOS
16/01/2018	Winter Walkover	500m Survey Radius	3:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: falling		DM
17/01/2018	Winter Walkover	500m Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
17/01/2018	Winter Walkover	500m Survey Radius	2:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
18/01/2018	Winter Walkover	500m Survey Radius	2:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
19/01/2018	Winter Walkover	500m Survey Radius	1:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: on ground		DM
19/01/2018	Winter Walkover	500m Survey Radius	2:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: on ground		DM
18/01/2018	Winter Walkover	500m Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
14/03/2018	Winter Walkover	500m Survey Radius	3:00 starting at 10:00	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
14/03/2018	Winter Walkover	500m Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
15/03/2018	Winter Walkover	500m Survey Radius	3:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
15/03/2018	Winter Walkover	500m Survey Radius	1:00 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
15/03/2018	Winter Walkover	500m Survey Radius	2:00 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
17/10/2018	Winter Walkover	3	0:35 starting at 12:47	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2018	Winter Walkover	6	0:18 starting at 13:22	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
17/10/2018	Winter Walkover	7	0:20 starting at 14:45	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2018	Winter Walkover	8	0:19 starting at 15:10	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2018	Winter Walkover	9	0:10 starting at 15:44	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	13	0:15 starting at 13:35	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	1	0:13 starting at 14:16	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	2	0:16 starting at 14:39	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	10	0:10 starting at 15:11	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	11	0:33 starting at 15:45	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Winter Walkover	12	0:10 starting at 16:25	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	14	0:21 starting at 13:16	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	22	0:15 starting at 14:13	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	21	0:13 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	18	0:11 starting at 15:17	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	19	0:16 starting at 15:34	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
19/10/2018	Winter Walkover	20	0:14 starting at 15:51	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
22/10/2018	Winter Walkover	15	0:20 starting at 14:28	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/10/2018	Winter Walkover	4	0:26 starting at 15:05	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/10/2018	Winter Walkover	5	0:16 starting at 15:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/10/2018	Winter Walkover	16	0:17 starting at 16:16	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/10/2018	Winter Walkover	17	0:10 starting at 16:36	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/12/2018	Winter Walkover	3	0:38 starting at 11:03	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
13/12/2018	Winter Walkover	6	0:21 starting at 11:42	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/12/2018	Winter Walkover	7	0:33 starting at 12:06	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/12/2018	Winter Walkover	8	0:17 starting at 12:49	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/12/2018	Winter Walkover	9	0:10 starting at 13:07	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	13	0:22 starting at 11:48	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	1	0:14 starting at 12:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	2	0:15 starting at 12:45	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	10	0:12 starting at 13:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	11	0:50 starting at 13:45	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
16/12/2018	Winter Walkover	12	0:10 starting at 13:55	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	14	0:17 starting at 11:43	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	22	0:20 starting at 12:30	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	21	0:16 starting at 13:10	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	18	0:12 starting at 13:46	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	19	0:14 starting at 13:58	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/12/2018	Winter Walkover	20	0:07 starting at 14:13	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/12/2018	Winter Walkover	15	0:18 starting at 12:32	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/12/2018	Winter Walkover	4	0:27 starting at 13:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/12/2018	Winter Walkover	5	0:07 starting at 13:43	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/12/2018	Winter Walkover	16	0:14 starting at 14:06	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/12/2018	Winter Walkover	17	0:18 starting at 14:22	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
10/01/2019	Winter Walkover	3	0:36 starting at 11:20	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
10/01/2019	Winter Walkover	6	0:18 starting at 11:57	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
10/01/2019	Winter Walkover	7	0:21 starting at 12:31	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
10/01/2019	Winter Walkover	8	0:16 starting at 14:07	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
10/01/2019	Winter Walkover	9	0:12 starting at 14:23	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	13	0:15 starting at 11:05	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	1	0:11 starting at 11:49	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	2	0:20 starting at 12:15	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	10	0:09 starting at 12:56	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	11	0:40 starting at 13:35	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/01/2019	Winter Walkover	12	0:10 starting at 14:25	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	14	0:15 starting at 12:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	22	0:14 starting at 13:01	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	21	0:17 starting at 13:23	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	18	0:10 starting at 13:58	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	19	0:09 starting at 14:12	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/01/2019	Winter Walkover	20	0:08 starting at 14:21	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/01/2019	Winter Walkover	15	0:21 starting at 12:09	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
15/01/2019	Winter Walkover	4	0:27 starting at 12:44	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
15/01/2019	Winter Walkover	5	0:22 starting at 13:23	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
15/01/2019	Winter Walkover	16	0:20 starting at 14:09	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
15/01/2019	Winter Walkover	17	0:12 starting at 14:38	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	13	0:15 starting at 12:24	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	1	0:12 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	2	0:23 starting at 13:24	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	10	0:13 starting at 14:11	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	11	0:33 starting at 14:59	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/03/2019	Winter Walkover	12	0:15 starting at 15:40	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
08/03/2019	Winter Walkover	3	0:41 starting at 13:35	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
08/03/2019	Winter Walkover	6	0:21 starting at 14:17	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
08/03/2019	Winter Walkover	7	0:29 starting at 14:50	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
08/03/2019	Winter Walkover	9	0:07 starting at 15:23	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
08/03/2019	Winter Walkover	8	0:18 starting at 15:37	Visibility: good; Wind speed and direction: fresh breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	14	0:17 starting at 14:06	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	22	0:17 starting at 14:53	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	21	0:14 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	18	0:10 starting at 16:01	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	19	0:11 starting at 16:17	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP
11/03/2019	Winter Walkover	20	0:07 starting at 16:29	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP
21/03/2019	Winter Walkover	15	0:24 starting at 14:08	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/03/2019	Winter Walkover	16	0:16 starting at 14:52	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/03/2019	Winter Walkover	17	0:06 starting at 15:14	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
21/03/2019	Winter Walkover	4	0:32 starting at 15:38	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/03/2019	Winter Walkover	5	0:30 starting at 16:22	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/10/2019	Winter Walkover	3	0:44 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/10/2019	Winter Walkover	6	0:23 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/10/2019	Winter Walkover	7	0:32 starting at 14:48	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/10/2019	Winter Walkover	8	0:25 starting at 16:20	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/10/2019	Winter Walkover	9	0:11 starting at 16:46	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Winter Walkover	13	0:15 starting at 13:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Winter Walkover	1	0:10 starting at 14:20	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Winter Walkover	2	0:25 starting at 14:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Winter Walkover	10	0:10 starting at 15:07	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Winter Walkover	11	0:36 starting at 15:22	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Sunny intervals, one ten-minute heavy shower (with hail), rainbow.	CP
16/10/2019	Winter Walkover	12	0:10 starting at 16:25	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	14	0:18 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	22	0:10 starting at 14:50	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	21	0:18 starting at 15:08	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	18	0:17 starting at 15:43	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	19	0:11 starting at 16:05	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/10/2019	Winter Walkover	20	0:09 starting at 16:16	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2019	Winter Walkover	15	0:28 starting at 13:43	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2019	Winter Walkover	4	0:28 starting at 14:12	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
18/10/2019	Winter Walkover	5	0:30 starting at 15:01	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2019	Winter Walkover	16	0:25 starting at 15:52	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2019	Winter Walkover	17	0:13 starting at 16:27	Visibility: good; Wind speed and direction: gentle breeze NNW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	13	0:15 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	1	0:15 starting at 12:11	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	2	0:20 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	10	0:08 starting at 12:52	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	11	0:35 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/12/2019	Winter Walkover	12	0:05 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	14	0:19 starting at 11:03	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	22	0:15 starting at 11:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	21	0:20 starting at 12:25	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	18	0:15 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	19	0:11 starting at 13:38	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Winter Walkover	20	0:10 starting at 13:50	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CP
11/12/2019	Winter Walkover	3	0:25 starting at 11:14	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/12/2019	Winter Walkover	6	0:20 starting at 11:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/12/2019	Winter Walkover	7	0:41 starting at 12:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
11/12/2019	Winter Walkover	9	0:06 starting at 13:31	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Hail shower.	CP
11/12/2019	Winter Walkover	8	0:19 starting at 13:44	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
12/12/2019	Winter Walkover	15	0:22 starting at 10:42	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
12/12/2019	Winter Walkover	4	0:35 starting at 11:25	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
12/12/2019	Winter Walkover	5	0:34 starting at 12:21	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
12/12/2019	Winter Walkover	16	0:22 starting at 13:18	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
12/12/2019	Winter Walkover	17	0:13 starting at 13:57	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
06/01/2020	Winter Walkover	3	0:26 starting at 12:20	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/01/2020	Winter Walkover	6	0:19 starting at 12:47	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/01/2020	Winter Walkover	7	0:36 starting at 13:36	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/01/2020	Winter Walkover	9	0:05 starting at 14:22	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/01/2020	Winter Walkover	8	0:19 starting at 14:33	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	13	0:15 starting at 11:50	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	1	0:10 starting at 12:28	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	2	0:16 starting at 12:44	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	10	0:09 starting at 13:01	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	11	0:40 starting at 13:20	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/01/2020	Winter Walkover	12	0:10 starting at 14:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
15/01/2020	Winter Walkover	14	0:15 starting at 12:05	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP
15/01/2020	Winter Walkover	22	0:17 starting at 12:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP
15/01/2020	Winter Walkover	21	0:15 starting at 13:22	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP
15/01/2020	Winter Walkover	18	0:12 starting at 13:54	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP
15/01/2020	Winter Walkover	19	0:10 starting at 14:10	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP
15/01/2020	Winter Walkover	20	0:10 starting at 14:20	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Occasional heavy wintry showers on the day, but otherwise sunny.	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
17/01/2020	Winter Walkover	15	0:20 starting at 11:51	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
17/01/2020	Winter Walkover	4	0:28 starting at 12:29	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/01/2020	Winter Walkover	5	1:00 starting at 13:10	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/01/2020	Winter Walkover	16	0:15 starting at 14:25	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
17/01/2020	Winter Walkover	17	0:10 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/03/2020	Winter Walkover	3	0:32 starting at 13:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/03/2020	Winter Walkover	6	0:21 starting at 14:12	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/03/2020	Winter Walkover	7	0:22 starting at 15:28	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/03/2020	Winter Walkover	8	0:20 starting at 15:55	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/03/2020	Winter Walkover	9	0:15 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	13	0:15 starting at 13:25	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	1	0:17 starting at 14:05	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	2	0:18 starting at 14:32	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	10	0:12 starting at 14:50	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	11	0:40 starting at 15:27	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Winter Walkover	12	0:13 starting at 16:17	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/03/2020	Winter Walkover	14	0:15 starting at 14:15	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/03/2020	Winter Walkover	22	0:10 starting at 14:45	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
14/03/2020	Winter Walkover	21	0:22 starting at 15:10	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
14/03/2020	Winter Walkover	18	0:17 starting at 15:38	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/03/2020	Winter Walkover	19	0:15 starting at 15:55	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
14/03/2020	Winter Walkover	20	0:15 starting at 16:10	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/03/2020	Winter Walkover	15	0:25 starting at 13:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/03/2020	Winter Walkover	4	0:35 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/03/2020	Winter Walkover	5	0:40 starting at 14:50	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/03/2020	Winter Walkover	16	0:18 starting at 16:02	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/03/2020	Winter Walkover	17	0:15 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/10/2022	Winter Walkover	T1	2:00 starting at 09:30	Visibility: good; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
10/10/2022	Winter Walkover	T1	2:15 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/11/2022	Winter Walkover		3:00 starting at 09:25	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/11/2022	Winter Walkover		1:10 starting at 12:25	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		PDC
02/02/2023	Winter Walkover	T1, T2	2:00 starting at 08:20	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Very murky due to persistent drizzle	PDC
02/02/2023	Winter Walkover	T1, T2	3:00 starting at 10:20	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
07/03/2023	Winter Walkover	T1, T2	3:00 starting at 09:45	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
07/03/2023	Winter Walkover	T1, T2	1:10 starting at 12:45	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Table 5 Hen Harrier Roost Survey Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
24/10/2017	Hen Harrier Roost Survey	HHVP1	3:00 starting at 08:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none	Some drizzle at times but morning became drier as it progressed. Visibility not impaired. Female / juvenile hen harrier seen	SM
24/10/2017	Hen Harrier Roost Survey	HHVP4	3:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		SM
31/10/2017	Hen Harrier Roost Survey	HHVP2	3:00 starting at 08:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		SM
31/10/2017	Hen Harrier Roost Survey	HHVP3	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		SM
06/11/2017	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:25	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Sunset 16:55	JOS
06/11/2017	Hen Harrier Roost Survey	HHVP2	1:00 starting at 16:25	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
06/11/2017	Hen Harrier Roost Survey	HHVP2	1:00 starting at 17:25	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
13/11/2017	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:13	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
13/11/2017	Hen Harrier Roost Survey	HHVP1	1:00 starting at 16:13	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
13/11/2017	Hen Harrier Roost Survey	HHVP1	0:20 starting at 17:13	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	No target species.	JOS
21/11/2017	Hen Harrier Roost Survey	HHVP4	1:00 starting at 15:02	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
21/11/2017	Hen Harrier Roost Survey	HHVP4	1:00 starting at 16:02	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
21/11/2017	Hen Harrier Roost Survey	HHVP4	0:30 starting at 17:02	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
22/11/2017	Hen Harrier Roost Survey	HHVP3	1:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
22/11/2017	Hen Harrier Roost Survey	HHVP3	1:00 starting at 16:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
22/11/2017	Hen Harrier Roost Survey	HHVP3	1:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/12/2017	Hen Harrier Roost Survey	HHVP2	1:00 starting at 14:50	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/12/2017	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:50	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JOS
06/12/2017	Hen Harrier Roost Survey	HHVP2	0:05 starting at 16:50	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
08/12/2017	Hen Harrier Roost Survey	HHVP1	1:00 starting at 14:49	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: on ground		JOS

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
08/12/2017	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:49	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: on ground		JOS
15/12/2017	Hen Harrier Roost Survey	HHVP4	2:45 starting at 14:45	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
03/01/2018	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:00	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	December Survey	JOS
16/01/2018	Hen Harrier Roost Survey	HHVP2	2:35 starting at 15:15	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: falling		DM
17/01/2018	Hen Harrier Roost Survey	HHVP1	2:35 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
18/01/2018	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		DM
18/01/2018	Hen Harrier Roost Survey	HHVP3a	0:35 starting at 17:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
19/01/2018	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:20	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
19/01/2018	Hen Harrier Roost Survey	HHVP4a	0:30 starting at 17:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
05/02/2018	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:57	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	No Activity recorder for HH	JH
05/02/2018	Hen Harrier Roost Survey	HHVP1	1:00 starting at 16:57	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No Activity recorder for HH	JH
08/02/2018	Hen Harrier Roost Survey	HHVP2	1:00 starting at 16:03	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	No Activity recorder for HH	JH
08/02/2018	Hen Harrier Roost Survey	HHVP2	1:00 starting at 17:03	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
20/02/2018	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 16:26	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JH
20/02/2018	Hen Harrier Roost Survey	HHVP3a	1:04 starting at 17:26	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JH
26/02/2018	Hen Harrier Roost Survey	HHVP4	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
26/02/2018	Hen Harrier Roost Survey	HHVP4	1:10 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
14/03/2018	Hen Harrier Roost Survey	hhvp2	2:30 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
15/03/2018	Hen Harrier Roost Survey	HHVP3a	2:30 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
21/03/2018	Hen Harrier Roost Survey	hhvp1	2:30 starting at 17:20	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
23/03/2018	Hen Harrier Roost Survey	HHVP4a	2:30 starting at 17:20	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
17/10/2018	Hen Harrier Roost Survey	HHVP1	2:00 starting at 17:07	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2018	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 17:05	Visibility: good; Wind speed and direction: light breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
19/10/2018	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
22/10/2018	Hen Harrier Roost Survey	HHVP2	2:00 starting at 16:56	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/11/2018	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:12	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
19/11/2018	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:05	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
23/11/2018	Hen Harrier Roost Survey	HHVP1	2:00 starting at 14:57	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
26/11/2018	Hen Harrier Roost Survey	HHVP2	2:00 starting at 14:53	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CP
13/12/2018	Hen Harrier Roost Survey	HHVP1	2:00 starting at 14:44	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/12/2018	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 14:45	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
17/12/2018	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 14:45	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
20/12/2018	Hen Harrier Roost Survey	HHVP2	2:00 starting at 14:46	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/01/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 15:07	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
11/01/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:08	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
14/01/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:13	Visibility: good; Wind speed and direction: gentle breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP
15/01/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:15	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Mist in far distance.	CP
14/02/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 16:12	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Sunny; diffuse cloud.	CP
18/02/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 16:20	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: persistent; Frost: none; Snow: none		CP
22/02/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 16:27	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
24/02/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 16:31	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
07/03/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 16:52	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
08/03/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 16:56	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
11/03/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 17:02	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
21/03/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 17:20	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
15/10/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 17:11	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
16/10/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 17:09	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
17/10/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 17:07	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	One short shower at the start of watch.	CP
18/10/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 17:04	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Occasional light drizzle.	CP
09/11/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:18	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
12/11/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:13	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
13/11/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 15:12	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Light showers for last 20 minutes only.	CP
15/11/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:09	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
06/12/2019	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 14:47	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
09/12/2019	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Sunny intervals. Clouded over by end.	CP
11/12/2019	Hen Harrier Roost Survey	HHVP1	2:00 starting at 14:44	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals. One light shower only.	CP
12/12/2019	Hen Harrier Roost Survey	HHVP2	2:00 starting at 14:44	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
06/01/2020	Hen Harrier Roost Survey	HHVP1	2:00 starting at 15:02	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
07/01/2020	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:03	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
15/01/2020	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:14	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Sunny intervals. One heavy shower in last 15 minutes.	CP
17/01/2020	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:17	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
03/02/2020	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 15:50	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
04/02/2020	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 15:52	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
25/02/2020	Hen Harrier Roost Survey	HHVP1	2:00 starting at 16:33	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Wintry showers and sunny intervals.	CP
26/02/2020	Hen Harrier Roost Survey	HHVP2	2:00 starting at 16:35	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
10/03/2020	Hen Harrier Roost Survey	HHVP1	2:00 starting at 16:59	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
13/03/2020	Hen Harrier Roost Survey	HHVP3a	2:00 starting at 17:04	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
14/03/2020	Hen Harrier Roost Survey	HHVP4a	2:00 starting at 17:06	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
18/03/2020	Hen Harrier Roost Survey	HHVP2	2:00 starting at 17:14	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/10/2022	Hen Harrier Roost Survey	HHVP2	1:00 starting at 06:30	Visibility: limited; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/10/2022	Hen Harrier Roost Survey	HHVP2	1:30 starting at 07:30	Visibility: moderate; Wind speed and direction: light breeze E; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
19/10/2022	Hen Harrier Roost Survey	HHVP1	1:00 starting at 06:30	Visibility: none; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
19/10/2022	Hen Harrier Roost Survey	HHVP1	1:00 starting at 07:30	Visibility: poor; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none	Torrential rain.	PDC
19/10/2022	Hen Harrier Roost Survey	HHVP1	0:30 starting at 08:30	Visibility: moderate; Wind speed and direction: strong breeze E; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC
24/10/2022	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 06:40	Visibility: none; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/10/2022	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 07:40	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/10/2022	Hen Harrier Roost Survey	HHVP3a	0:50 starting at 08:40	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
26/10/2022	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 06:35	Visibility: none; Wind speed and direction: strong breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/10/2022	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 07:35	Visibility: poor; Wind speed and direction: strong breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/10/2022	Hen Harrier Roost Survey	HHVP4a	0:40 starting at 08:35	Visibility: moderate; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
08/11/2022	Hen Harrier Roost Survey	HHVP2	1:00 starting at 07:00	Visibility: limited; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
08/11/2022	Hen Harrier Roost Survey	HHVP2	1:00 starting at 08:00	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
08/11/2022	Hen Harrier Roost Survey	HHVP2	0:30 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/11/2022	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 06:45	Visibility: limited; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
14/11/2022	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 07:45	Visibility: limited; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		PDC
14/11/2022	Hen Harrier Roost Survey	HHVP3a	0:40 starting at 08:45	Visibility: good; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/11/2022	Hen Harrier Roost Survey	HHVP1	1:00 starting at 06:45	Visibility: limited; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/11/2022	Hen Harrier Roost Survey	HHVP1	1:00 starting at 07:45	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
21/11/2022	Hen Harrier Roost Survey	HHVP1	0:30 starting at 08:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
25/11/2022	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 06:35	Visibility: limited; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
25/11/2022	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 07:35	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
25/11/2022	Hen Harrier Roost Survey	HHVP4a	0:35 starting at 08:35	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
05/12/2022	Hen Harrier Roost Survey	HHVP1	3:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
06/12/2022	Hen Harrier Roost Survey	HHVP2	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
09/12/2022	Hen Harrier Roost Survey	HHVP3a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
12/12/2022	Hen Harrier Roost Survey	HHVP4a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
04/01/2023	Hen Harrier Roost Survey	HHVP2	1:00 starting at 07:00	Visibility: limited; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Hen Harrier Roost Survey	HHVP2	1:00 starting at 08:00	Visibility: poor; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Hen Harrier Roost Survey	HHVP2	0:30 starting at 09:00	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
12/01/2023	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 07:00	Visibility: limited; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
12/01/2023	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 08:00	Visibility: poor; Wind speed and direction: strong breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
12/01/2023	Hen Harrier Roost Survey	HHVP3a	0:40 starting at 09:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
18/01/2023	Hen Harrier Roost Survey	HHVP1	1:00 starting at 07:00	Visibility: limited; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: on ground		PDC
18/01/2023	Hen Harrier Roost Survey	HHVP1	1:00 starting at 08:00	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: on ground		PDC
18/01/2023	Hen Harrier Roost Survey	HHVP1	0:30 starting at 09:00	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: on ground		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
27/01/2023	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 07:05	Visibility: limited; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
27/01/2023	Hen Harrier Roost Survey	HHVP4a	1:30 starting at 08:05	Visibility: good; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
09/02/2023	Hen Harrier Roost Survey	HHVP3a	3:00 starting at 06:00	Visibility: good; Wind speed and direction: gale SSW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
10/02/2023	Hen Harrier Roost Survey	HHVP4a	3:00 starting at 16:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	light drizzle throughout	MH
14/02/2023	Hen Harrier Roost Survey	HHVP1	3:00 starting at 06:00	Visibility: good; Wind speed and direction: fresh breeze SSE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		MH
17/02/2023	Hen Harrier Roost Survey	HHVP2	3:00 starting at 16:00	Visibility: poor; Wind speed and direction: near gale SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Heavy mist throughout	MH
01/03/2023	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 06:35	Visibility: poor; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/03/2023	Hen Harrier Roost Survey	HHVP4a	1:00 starting at 07:35	Visibility: moderate; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/03/2023	Hen Harrier Roost Survey	HHVP4a	0:30 starting at 08:35	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/03/2023	Hen Harrier Roost Survey	HHVP2	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/03/2023	Hen Harrier Roost Survey	HHVP2	1:00 starting at 08:00	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
24/03/2023	Hen Harrier Roost Survey	HHVP2	0:30 starting at 09:00	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC
28/03/2023	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 07:20	Visibility: poor; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Persistent drizzle	PDC
28/03/2023	Hen Harrier Roost Survey	HHVP3a	1:00 starting at 08:20	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Persistent drizzle	PDC
28/03/2023	Hen Harrier Roost Survey	HHVP3a	0:50 starting at 09:20	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		PDC
29/03/2023	Hen Harrier Roost Survey	HHVP1	1:00 starting at 06:55	Visibility: poor; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
29/03/2023	Hen Harrier Roost Survey	HHVP1	1:30 starting at 07:55	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		PDC

Table 6 Wildfowl Distribution Survey Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
11/10/2017	Waterbird Distribution	5km Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
26/10/2017	Waterbird Distribution	5km Survey Radius	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
14/11/2017	Waterbird Distribution	5km Survey Radius	5:05 starting at 10:15	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Turlough VP started at 14:40; abandoned at 15:20 due to poor visibility (mist).	JOS
30/11/2017	Waterbird Distribution	5km Survey Radius	1:30 starting at 11:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
14/12/2017	Waterbird Distribution	5km Survey Radius	7:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
10/01/2018	Waterbird Distribution	5km Survey Radius	3:38 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
24/01/2018	Waterbird Distribution	5km Survey Radius	2:27 starting at 10:33	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		PM
12/02/2018	Waterbird Distribution	Kiltullagh Lough	1:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		JH
12/02/2018	Waterbird Distribution	Glenamaddy Turlough	1:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
12/02/2018	Waterbird Distribution	Levally Lough	1:15 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
27/02/2018	Waterbird Distribution	Levally Lough	1:00 starting at 12:15	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
27/02/2018	Waterbird Distribution	Kiltullagh Lough	1:00 starting at 13:15	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
27/02/2018	Waterbird Distribution	Glenamaddy Turlough	1:15 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
13/03/2018	Waterbird Distribution	5km Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
23/03/2018	Waterbird Distribution	5km Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
14/10/2018	Waterbird Distribution	5km Survey Radius	3:15 starting at 13:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
28/10/2018	Waterbird Distribution	5km Survey Radius	2:45 starting at 12:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none	Calm and sunny, but some ice after frost the night before. Kilmurry turlough empty after having open water on 14th and 19th of October. Levally Lough largely frozen.	CP
10/11/2018	Waterbird Distribution	5km Survey Radius	3:45 starting at 10:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
24/11/2018	Waterbird Distribution	5km Survey Radius	4:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Weak sunshine.	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
06/12/2018	Waterbird Distribution	5km Survey Radius	3:50 starting at 10:10	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
21/12/2018	Waterbird Distribution	5km Survey Radius	3:35 starting at 10:15	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
04/01/2019	Waterbird Distribution	5km Survey Radius	2:47 starting at 11:20	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
19/01/2019	Waterbird Distribution	5km Survey Radius	2:20 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CP
09/02/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP
25/02/2019	Waterbird Distribution	5km Survey Radius	2:15 starting at 13:15	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
10/03/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: on ground	Sunny intervals.	CP
22/03/2019	Waterbird Distribution	5km Survey Radius	2:02 starting at 14:18	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
05/04/2019	Waterbird Distribution	5km Survey Radius	2:20 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals. Kilmurry turlough dry.	CP
19/04/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Sunny. Light haze.	CP
07/05/2019	Waterbird Distribution	5km Survey Radius	1:30 starting at 17:15	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/05/2019	Waterbird Distribution	5km Survey Radius	1:40 starting at 17:20	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
11/08/2019	Waterbird Distribution	5km Survey Radius	1:30 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
24/08/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 16:15	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Humid	CP
11/09/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
25/09/2019	Waterbird Distribution	5km Survey Radius	2:15 starting at 14:45	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CP
09/10/2019	Waterbird Distribution	5km Survey Radius	1:40 starting at 14:50	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Sunny intervals and showers; rainbows.	CP
24/10/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
06/11/2019	Waterbird Distribution	5km Survey Radius	1:45 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CP
20/11/2019	Waterbird Distribution	5km Survey Radius	1:50 starting at 12:10	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
03/12/2019	Waterbird Distribution	5km Survey Radius	2:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny.	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
19/12/2019	Waterbird Distribution	5km Survey Radius	2:35 starting at 11:10	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
04/01/2020	Waterbird Distribution	5km Survey Radius	2:15 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
18/01/2020	Waterbird Distribution	5km Survey Radius	2:10 starting at 12:20	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: light; Snow: none	Bright, sunny.	CP
05/02/2020	Waterbird Distribution	5km Survey Radius	2:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Bright, sunny.	CP
18/02/2020	Waterbird Distribution	5km Survey Radius	1:50 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
06/03/2020	Waterbird Distribution	5km Survey Radius	2:10 starting at 13:20	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
20/03/2020	Waterbird Distribution	5km Survey Radius	2:15 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/09/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 08:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/09/2022	Waterbird Distribution	8km Survey Radius	3:30 starting at 09:00	Visibility: good; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
28/09/2022	Waterbird Distribution	8km Survey Radius	5:00 starting at 08:00	Visibility: good; Wind speed and direction: calm; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
06/10/2022	Waterbird Distribution	8km Survey Radius	3:00 starting at 10:00	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
06/10/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
18/10/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 09:00	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Thick fog rolled in, severely reducing visibility.	PDC
18/10/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:00	Visibility: limited; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
18/10/2022	Waterbird Distribution	8km Survey Radius	2:30 starting at 11:00	Visibility: limited; Wind speed and direction: calm; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
08/11/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
08/11/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:30	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
08/11/2022	Waterbird Distribution	8km Survey Radius	2:30 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC
22/11/2022	Waterbird Distribution	8km Survey Radius	3:00 starting at 09:35	Visibility: moderate; Wind speed and direction: calm; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Still very dull and murky.	PDC
22/11/2022	Waterbird Distribution	8km Survey Radius	1:35 starting at 12:35	Visibility: moderate; Wind speed and direction: calm; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
06/12/2022	Waterbird Distribution	8km Survey Radius	1:00 starting at 08:30	Visibility: moderate; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
06/12/2022	Waterbird Distribution	8km Survey Radius	2:00 starting at 09:30	Visibility: moderate; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
06/12/2022	Waterbird Distribution	8km Survey Radius	2:05 starting at 11:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/12/2022	Waterbird Distribution	8km Survey Radius	4:30 starting at 09:35	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none	Not a cloud in the sky for the entire survey.	PDC
04/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 09:30	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/01/2023	Waterbird Distribution	8km Survey Radius	0:30 starting at 13:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
18/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: light; Snow: on ground		PDC
18/01/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: on ground		PDC
18/01/2023	Waterbird Distribution	8km Survey Radius	1:30 starting at 11:30	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: falling	Very heavy snow showers	PDC
18/01/2023	Waterbird Distribution	8km Survey Radius	0:20 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: on ground		PDC
08/02/2023	Waterbird Distribution	8km Survey Radius	4:50 starting at 08:25	Visibility: good; Wind speed and direction: strong breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/02/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 09:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		PDC
22/02/2023	Waterbird Distribution	8km Survey Radius	2:00 starting at 10:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/02/2023	Waterbird Distribution	8km Survey Radius	1:15 starting at 12:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
01/03/2023	Waterbird Distribution	8km Survey Radius	2:00 starting at 09:05	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/03/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 11:05	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/03/2023	Waterbird Distribution	8km Survey Radius	1:30 starting at 12:05	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
13/03/2023	Waterbird Distribution	8km Survey Radius	3:00 starting at 08:30	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
13/03/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 11:30	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: persistent; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
13/03/2023	Waterbird Distribution	8km Survey Radius	0:50 starting at 12:30	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
04/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
04/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
04/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
04/04/2023	Waterbird Distribution	8km Survey Radius	0:30 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		MH
17/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
17/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
17/04/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		MH
26/05/2023	Waterbird Distribution	8km Survey Radius	2:00 starting at 07:30	Visibility: good; Wind speed and direction: light air SSE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		LDV
26/05/2023	Waterbird Distribution	8km Survey Radius	2:30 starting at 09:30	Visibility: good; Wind speed and direction: light air SSE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		LDV
02/08/2023	Waterbird Distribution	8km Survey Radius	3:00 starting at 07:15	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		PDC
02/08/2023	Waterbird Distribution	8km Survey Radius	1:35 starting at 10:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
15/08/2023	Waterbird Distribution	8km Survey Radius	5:30 starting at 07:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
06/09/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 07:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		PDC
06/09/2023	Waterbird Distribution	8km Survey Radius	2:00 starting at 08:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
06/09/2023	Waterbird Distribution	8km Survey Radius	1:45 starting at 10:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/09/2023	Waterbird Distribution	8km Survey Radius	1:00 starting at 07:20	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/09/2023	Waterbird Distribution	8km Survey Radius	2:00 starting at 08:20	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
20/09/2023	Waterbird Distribution	8km Survey Radius	2:10 starting at 10:20	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Table 7 Migratory Vantage Point Survey Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
11/10/2017	Migration Vantage Point	Turlough VP	1:00 starting at 16:45	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
11/10/2017	Migration Vantage Point	Turlough VP	1:00 starting at 17:45	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
11/10/2017	Migration Vantage Point	Turlough VP	1:00 starting at 18:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		DM
26/10/2017	Migration Vantage Point	Turlough VP	3:00 starting at 07:25	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		DM
20/11/2017	Migration Vantage Point	Turlough VP	3:00 starting at 14:33	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JOS
30/11/2017	Migration Vantage Point	Turlough VP	3:00 starting at 08:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JOS
01/12/2017	Migration Vantage Point	Turlough VP	1:00 starting at 07:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JOS
14/12/2017	Migration Vantage Point	Turlough VP	1:30 starting at 16:00	Visibility: good; Wind speed and direction: strong breeze N; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		JOS
15/12/2017	Migration Vantage Point	Turlough VP	1:00 starting at 11:05	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JOS
15/12/2017	Migration Vantage Point	Turlough VP	1:00 starting at 12:05	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: persistent; Frost: none; Snow: none		JOS
02/01/2018	Migration Vantage Point	Turlough VP	1:00 starting at 07:51	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	December Survey	JOS
02/01/2018	Migration Vantage Point	Turlough VP	1:00 starting at 08:51	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	December Survey	JOS
02/01/2018	Migration Vantage Point	Turlough VP	1:00 starting at 09:51	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	December Survey	JOS
10/01/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:38	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		PM
24/01/2018	Migration Vantage Point	Turlough VP	3:00 starting at 07:33	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		PM
12/02/2018	Migration Vantage Point	Turlough VP	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		JH
12/02/2018	Migration Vantage Point	Turlough VP	1:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		JH
12/02/2018	Migration Vantage Point	Turlough VP	1:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: light; Snow: on ground		JH
27/02/2018	Migration Vantage Point	Turlough VP	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
27/02/2018	Migration Vantage Point	Turlough VP	1:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
27/02/2018	Migration Vantage Point	Turlough VP	1:10 starting at 18:00	Visibility: good; Wind speed and direction: fresh breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JH
13/03/2018	Migration Vantage Point	Turlough VP	3:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
23/03/2018	Migration Vantage Point	Turlough VP	3:00 starting at 05:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		DM
01/04/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:38	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
01/04/2018	Migration Vantage Point	Turlough VP	3:00 starting at 18:08	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
30/04/2018	Migration Vantage Point	Turlough VP	3:00 starting at 15:31	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	One hail shower	CP
30/04/2018	Migration Vantage Point	Turlough VP	3:00 starting at 19:01	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
03/05/2018	Migration Vantage Point	Turlough VP	3:00 starting at 15:37	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CP
03/05/2018	Migration Vantage Point	Turlough VP	3:00 starting at 19:07	Visibility: good; Wind speed and direction: moderate breeze WSW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CP
31/05/2018	Migration Vantage Point	Turlough VP	3:00 starting at 16:22	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
31/05/2018	Migration Vantage Point	Turlough VP	3:00 starting at 19:52	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
30/08/2018	Migration Vantage Point	Turlough VP	3:00 starting at 15:02	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
30/08/2018	Migration Vantage Point	Turlough VP	3:00 starting at 18:32	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
31/08/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:59	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
31/08/2018	Migration Vantage Point	Turlough VP	3:00 starting at 18:29	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CP
03/09/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:52	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
03/09/2018	Migration Vantage Point	Turlough VP	3:00 starting at 18:22	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
28/09/2018	Migration Vantage Point	Turlough VP	3:00 starting at 13:52	Visibility: good; Wind speed and direction: light breeze NNE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
28/09/2018	Migration Vantage Point	Turlough VP	3:00 starting at 17:22	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
14/10/2018	Migration Vantage Point	Turlough VP	3:00 starting at 16:44	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
28/10/2018	Migration Vantage Point	Turlough VP	3:00 starting at 15:13	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny	CP
10/11/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:48	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny	CP
24/11/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:26	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Weak sunshine.	CP
06/12/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:19	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Light mist in very far distance.	CP
21/12/2018	Migration Vantage Point	Turlough VP	3:00 starting at 14:16	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
04/01/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
19/01/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:52	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mist began to rise in distance after 17:00.	CP
09/02/2019	Migration Vantage Point	Turlough VP	3:00 starting at 15:32	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals, calm by end of watch.	CP
25/02/2019	Migration Vantage Point	Turlough VP	3:00 starting at 16:03	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Sunny.	CP
10/03/2019	Migration Vantage Point	Turlough VP	3:00 starting at 16:30	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals. Some glare.	CP
22/03/2019	Migration Vantage Point	Turlough VP	3:00 starting at 16:52	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
05/04/2019	Migration Vantage Point	Turlough VP	3:00 starting at 18:16	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals	CP
19/04/2019	Migration Vantage Point	Turlough VP	3:00 starting at 18:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Sunny. Light haze.	CP
07/05/2019	Migration Vantage Point	Turlough VP	3:00 starting at 19:15	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Mechanical peat cutting already occurring in adjacent areas.	CP
22/07/2019	Migration Vantage Point	Turlough VP	3:00 starting at 10:00	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
11/08/2019	Migration Vantage Point	Turlough VP	3:00 starting at 19:13	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		CP
24/08/2019	Migration Vantage Point	Turlough VP	3:00 starting at 18:44	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Light rain after sunset only. Humid.	CP
11/09/2019	Migration Vantage Point	Turlough VP	3:00 starting at 18:02	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Drizzle only for about 15 minutes after 19:30, otherwise dry.	CP
25/09/2019	Migration Vantage Point	Turlough VP	3:00 starting at 17:29	Visibility: good; Wind speed and direction: moderate breeze SSW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
09/10/2019	Migration Vantage Point	Turlough VP	3:00 starting at 16:52	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Sunny intervals and showers; rainbows.	CP
24/10/2019	Migration Vantage Point	Turlough VP	3:00 starting at 16:21	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none	Sunny intervals	CP
06/11/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:53	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
20/11/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:31	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
03/12/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:19	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny and glare at beginning. Clouded over by end.	CP
19/12/2019	Migration Vantage Point	Turlough VP	3:00 starting at 14:15	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Light showers in last half an hour.	CP
04/01/2020	Migration Vantage Point	Turlough VP	3:00 starting at 14:28	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
18/01/2020	Migration Vantage Point	Turlough VP	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: light; Snow: none	Sunny intervals. Some glare.	CP
05/02/2020	Migration Vantage Point	Turlough VP	3:00 starting at 15:24	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Sunny initially; clouded over later.	CP
18/02/2020	Migration Vantage Point	Turlough VP	3:00 starting at 15:49	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	One heavy wintry shower for the last 20 minutes.	CP
06/03/2020	Migration Vantage Point	Turlough VP	3:00 starting at 16:21	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
20/03/2020	Migration Vantage Point	Turlough VP	3:00 starting at 16:48	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
10/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:30	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
10/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:30	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
10/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:30	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:40	Visibility: none; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:40	Visibility: poor; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
20/10/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:40	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:15	Visibility: limited; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
01/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:15	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
01/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:15	Visibility: moderate; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC
22/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:35	Visibility: none; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:35	Visibility: poor; Wind speed and direction: calm SW; Cloud cover and height: 66-100%; Rain: none; Frost: none; Snow: none		PDC
22/11/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:35	Visibility: moderate; Wind speed and direction: calm SW; Cloud cover and height: 66-100%; Rain: none; Frost: none; Snow: none		PDC
05/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:30	Visibility: limited; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
05/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:30	Visibility: poor; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
05/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:30	Visibility: moderate; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 06:35	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		PDC
14/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 07:35	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		PDC
14/12/2022	Migration Vantage Point	Turlough VP	1:00 starting at 08:35	Visibility: none; Wind speed and direction: calm; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		PDC
13/01/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:05	Visibility: limited; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
13/01/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:05	Visibility: poor; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		PDC
13/01/2023	Migration Vantage Point	Turlough VP	1:15 starting at 09:05	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/01/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:10	Visibility: limited; Wind speed and direction: calm S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/01/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:10	Visibility: limited; Wind speed and direction: calm S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
26/01/2023	Migration Vantage Point	Turlough VP	1:00 starting at 09:10	Visibility: limited; Wind speed and direction: calm S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:20	Visibility: limited; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:20	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
14/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 09:20	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 06:20	Visibility: limited; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		PDC

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
22/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		PDC
22/02/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:20	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none		PDC
07/03/2023	Migration Vantage Point	Turlough VP	1:00 starting at 06:45	Visibility: poor; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
07/03/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:45	Visibility: moderate; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
07/03/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:45	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/03/2023	Migration Vantage Point	Turlough VP	1:00 starting at 07:15	Visibility: poor; Wind speed and direction: fresh breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/03/2023	Migration Vantage Point	Turlough VP	1:00 starting at 08:15	Visibility: good; Wind speed and direction: fresh breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		PDC
22/03/2023	Migration Vantage Point	Turlough VP	1:05 starting at 09:15	Visibility: good; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		PDC

Table 8 Breeding Red Grouse Survey Effort

Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
08/03/2018	Breeding Red Grouse Survey	1	0:35 starting at 07:46	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	2	0:32 starting at 08:35	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	3	0:23 starting at 09:45	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	4	0:41 starting at 10:16	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	5	0:39 starting at 11:18	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	6	0:10 starting at 12:22	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	7	0:31 starting at 13:02	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	8	0:45 starting at 13:42	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	9	0:59 starting at 15:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
08/03/2018	Breeding Red Grouse Survey	10	0:36 starting at 16:21	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JC
18/02/2019	Breeding Red Grouse Survey	10	0:45 starting at 13:25	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		CP
18/02/2019	Breeding Red Grouse Survey	6	0:20 starting at 14:25	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		CP
18/02/2019	Breeding Red Grouse Survey	4	0:17 starting at 14:55	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
22/02/2019	Breeding Red Grouse Survey	8	1:05 starting at 13:35	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/02/2019	Breeding Red Grouse Survey	7	0:30 starting at 15:10	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
22/02/2019	Breeding Red Grouse Survey	5	0:15 starting at 15:50	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
24/02/2019	Breeding Red Grouse Survey	1	0:28 starting at 12:41	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP
24/02/2019	Breeding Red Grouse Survey	2	0:29 starting at 13:15	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
24/02/2019	Breeding Red Grouse Survey	3	0:30 starting at 13:49	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Sunny intervals.	CP
24/02/2019	Breeding Red Grouse Survey	9	1:14 starting at 14:48	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CP



Date	Survey	Location	Duration	Weather Conditions	Comments	Surveyor
23/02/2023	Breeding Red Grouse Survey		3:00 starting at 08:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		PDC
23/02/2023	Breeding Red Grouse Survey		1:30 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		PDC