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APPENDIX 7-2

SURVEY EFFORT



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SURVEY EFFORT

Table 7-2- 1 Vantage point survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 13:30	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 15:30	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 17:00	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 18:00	Visibility: good; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
02/10/2020	Vantage Point Survey	VP2	1:00 starting at 19:00	Visibility: poor; Wind speed and direction: fresh breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
26/10/2020	Vantage Point Survey	VP3	6:00 starting at 12:00	Visibility: good; Wind speed and direction: near gale WNW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		AR
27/10/2020	Vantage Point Survey	VP1	3:00 starting at 15:45	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none		JK
28/10/2020	Vantage Point Survey	VP1	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		JK
28/10/2020	Vantage Point Survey	VP5	3:00 starting at 12:15	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		JK
28/10/2020	Vantage Point Survey	VP5	3:00 starting at 15:45	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		JK



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/11/2020	Vantage Point Survey	VP2	3:00 starting at 06:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
05/11/2020	Vantage Point Survey	VP2	3:00 starting at 10:10	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 08:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		TR
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
18/11/2020	Vantage Point Survey	VP4	1:00 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 07:10	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 08:10	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 09:10	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 10:40	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 11:40	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/11/2020	Vantage Point Survey	VP5	1:00 starting at 12:40	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
26/11/2020	Vantage Point Survey	VP3	3:00 starting at 07:20	Visibility: none; Wind speed and direction: light air SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Fog	JK
26/11/2020	Vantage Point Survey	VP3	3:00 starting at 10:50	Visibility: none; Wind speed and direction: light air SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Fog	JK
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 07:20	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 08:20	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		TR
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 09:20	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 10:50	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 11:50	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
30/11/2020	Vantage Point Survey	VP1	1:00 starting at 12:50	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
14/12/2020	Vantage Point Survey	VP2	1:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
14/12/2020	Vantage Point Survey	VP2	1:00 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		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
14/12/2020	Vantage Point Survey	VP2	1:00 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
14/12/2020	Vantage Point Survey	VP2	1:00 starting at 14:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		TR
14/12/2020	Vantage Point Survey	VP2	1:00 starting at 15:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
14/12/2020	Vantage Point Survey	VP2	1:00 starting at 16:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
15/12/2020	Vantage Point Survey	VP4	3:00 starting at 10:50	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
15/12/2020	Vantage Point Survey	VP4	3:00 starting at 14:20	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 10:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	Hen harrier male travelling towards uplands.	TR
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		TR
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 12:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR
17/12/2020	Vantage Point Survey	VP3	1:00 starting at 16:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 10:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 11:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 12:45	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 14:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
18/12/2020	Vantage Point Survey	VP1	1:00 starting at 16:15	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 07:45	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Lapwing, Black-headed Gull.	TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 08:45	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 09:45	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 11:15	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 12:15	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR
12/01/2021	Vantage Point Survey	VP2	1:00 starting at 13:15	Visibility: moderate; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/01/2021	Vantage Point Survey	VP3	1:00 starting at 07:40	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: light; Snow: on ground		TR
26/01/2021	Vantage Point Survey	VP3	1:00 starting at 08:40	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
26/01/2021	Vantage Point Survey	VP3	1:00 starting at 09:40	Visibility: limited; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
26/01/2021	Vantage Point Survey	VP3	1:00 starting at 11:10	Visibility: none; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Postponed survey due to poor visibility.	TR
27/01/2021	Vantage Point Survey	VP4	3:00 starting at 07:40	Visibility: limited; Wind speed and direction: light air SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Heavy fog until 13:15.	JK
27/01/2021	Vantage Point Survey	VP4	3:00 starting at 11:10	Visibility: limited; Wind speed and direction: light air SW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Heavy fog until 13:15.	JK
28/01/2021	Vantage Point Survey	VP3	1:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
28/01/2021	Vantage Point Survey	VP3	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 07:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow:		TR
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 08:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow:		TR
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 09:20	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow:		TR
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 10:50	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow:		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 11:50	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
29/01/2021	Vantage Point Survey	VP1	1:00 starting at 12:50	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JK
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 12:10	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 13:10	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 14:10	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP2	3:00 starting at 15:30	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JK
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 15:40	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 16:40	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Vantage Point Survey	VP4	1:00 starting at 17:40	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
18/02/2021	Vantage Point Survey	VP1	3:00 starting at 12:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		JK
18/02/2021	Vantage Point Survey	VP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		JK



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/02/2021	Vantage Point Survey	VP3	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		TR
24/02/2021	Vantage Point Survey	VP3	1:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR
24/02/2021	Vantage Point Survey	VP3	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		TR
24/02/2021	Vantage Point Survey	VP3	1:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
24/02/2021	Vantage Point Survey	VP3	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		TR
24/02/2021	Vantage Point Survey	VP3	1:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		TR
25/02/2021	Vantage Point Survey	VP5	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2021	Vantage Point Survey	VP5	1:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2021	Vantage Point Survey	VP5	1:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2021	Vantage Point Survey	VP5	1:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2021	Vantage Point Survey	VP5	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		TR
25/02/2021	Vantage Point Survey	VP5	1:00 starting at 18:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 14:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 15:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 16:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
06/03/2021	Vantage Point Survey	VP4	1:00 starting at 17:30	Visibility: good; Wind speed and direction: moderate breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 08:00	Visibility: moderate; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
07/03/2021	Vantage Point Survey	VP1	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 06:00	Visibility: moderate; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 07:00	Visibility: moderate; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 08:00	Visibility: moderate; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		TR
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 09:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
09/03/2021	Vantage Point Survey	VP4	1:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 05:48	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	thick mist poor visibility	TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 06:48	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 07:48	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 09:18	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 10:18	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR
15/03/2021	Vantage Point Survey	VP3	1:00 starting at 11:18	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 05:50	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: ; Frost: none; Snow: none		TR
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 06:50	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		TR
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 07:50	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none		TR
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 09:20	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none		TR
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 10:20	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: drizzle; Frost: none; Snow: none		TR
16/03/2021	Vantage Point Survey	VP5	1:00 starting at 11:20	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 06:40	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		TK
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 07:40	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		TK
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 08:40	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 10:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 11:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK
18/03/2021	Vantage Point Survey	VP2	1:00 starting at 12:10	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TK



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/04/2021	Vantage Point Survey	VP2	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CMc
08/04/2021	Vantage Point Survey	VP2	3:00 starting at 18:20	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CMc
13/04/2021	Vantage Point Survey	VP3	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
13/04/2021	Vantage Point Survey	VP3	3:00 starting at 18:30	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
19/04/2021	Vantage Point Survey	VP4	3:00 starting at 15:10	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none		CMc
19/04/2021	Vantage Point Survey	VP4	3:00 starting at 18:40	Visibility: moderate; Wind speed and direction: light air NE; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none		CMc
26/04/2021	Vantage Point Survey	VP1	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
26/04/2021	Vantage Point Survey	VP1	3:00 starting at 18:55	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
27/04/2021	Vantage Point Survey	VP5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
27/04/2021	Vantage Point Survey	VP5	3:00 starting at 18:55	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
14/05/2021	Vantage Point Survey	VP3	3:00 starting at 04:40	Visibility: poor; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Low cloud base, light fog.	CMc
14/05/2021	Vantage Point Survey	VP3	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/05/2021	Vantage Point Survey	VP5	3:00 starting at 16:15	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
20/05/2021	Vantage Point Survey	VP2	3:00 starting at 04:30	Visibility: moderate; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none	Cloud sitting on mountain top throughout.	CMc
20/05/2021	Vantage Point Survey	VP2	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	Cloud sitting on mountain top during showers	CMc
21/05/2021	Vantage Point Survey	VP5	3:00 starting at 04:30	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Very heavy rain for first 30 mins, wind lightened after first hour and a half.	CMc
25/05/2021	Vantage Point Survey	VP1	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
27/05/2021	Vantage Point Survey	VP4	3:00 starting at 04:20	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
27/05/2021	Vantage Point Survey	VP4	3:00 starting at 08:30	Visibility: moderate; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Heavy persistent rain.	CMc
28/05/2021	Vantage Point Survey	VP1	3:00 starting at 04:20	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
14/06/2021	Vantage Point Survey	VP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
14/06/2021	Vantage Point Survey	VP2	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
18/06/2021	Vantage Point Survey	VP4	3:00 starting at 10:45	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
18/06/2021	Vantage Point Survey	VP4	3:00 starting at 14:15	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/06/2021	Vantage Point Survey	VP5	3:00 starting at 10:15	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
22/06/2021	Vantage Point Survey	VP5	3:00 starting at 13:45	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
28/06/2021	Vantage Point Survey	VP3	3:00 starting at 09:15	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
28/06/2021	Vantage Point Survey	VP3	3:00 starting at 12:45	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
29/06/2021	Vantage Point Survey	VP1	3:00 starting at 08:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
29/06/2021	Vantage Point Survey	VP1	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Buzzard heard calling at 12:50, couldn't locate the bird.	CMc
12/07/2021	Vantage Point Survey	VP2	3:00 starting at 09:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		CMc
12/07/2021	Vantage Point Survey	VP2	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
13/07/2021	Vantage Point Survey	VP4	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
13/07/2021	Vantage Point Survey	VP4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
14/07/2021	Vantage Point Survey	VP5	3:00 starting at 11:40	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		CMc
14/07/2021	Vantage Point Survey	VP5	3:00 starting at 15:10	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
16/07/2021	Vantage Point Survey	VP3	3:00 starting at 09:20	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
16/07/2021	Vantage Point Survey	VP3	3:00 starting at 12:50	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Had to move back to the main road at 14:00 due to farming activities in the field.	CMc
23/07/2021	Vantage Point Survey	VP2	3:00 starting at 04:40	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
29/07/2021	Vantage Point Survey	VP3	3:00 starting at 04:45	Visibility: good; Wind speed and direction: calm N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
03/08/2021	Vantage Point Survey	VP2	3:00 starting at 12:30	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Buzzard heard calling from mountain on arrival, couldn't locate bird.	CMc
03/08/2021	Vantage Point Survey	VP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Buzzard calling throughout.	CMc
04/08/2021	Vantage Point Survey	VP5	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
04/08/2021	Vantage Point Survey	VP5	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: light; Snow: none		CMc
16/08/2021	Vantage Point Survey	VP3	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
18/08/2021	Vantage Point Survey	VP4	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Buzzard Calling on and off throughout watch, couldn't locate bird(s).	CMc
18/08/2021	Vantage Point Survey	VP4	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Buzzard heard calling throughout, as well as the recorded observations	CMc
19/08/2021	Vantage Point Survey	VP1	3:00 starting at 11:00	Visibility: poor; Wind speed and direction: light air SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Low lying cloud during showers obscured visibility.	CMc

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/08/2021	Vantage Point Survey	VP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
24/08/2021	Vantage Point Survey	VP3	3:00 starting at 16:10	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
08/09/2021	Vantage Point Survey	VP4	3:00 starting at 14:40	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
08/09/2021	Vantage Point Survey	VP4	3:00 starting at 18:10	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Cloud sitting on mountain top	CMc
13/09/2021	Vantage Point Survey	VP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		CMc
13/09/2021	Vantage Point Survey	VP2	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
14/09/2021	Vantage Point Survey	VP5	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: light air S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		CMc
14/09/2021	Vantage Point Survey	VP5	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
15/09/2021	Vantage Point Survey	VP3	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CMc
15/09/2021	Vantage Point Survey	VP3	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
20/09/2021	Vantage Point Survey	VP1	3:00 starting at 14:10	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
20/09/2021	Vantage Point Survey	VP1	3:00 starting at 17:40	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/10/2021	Vantage Point Survey	VP2	0:25 starting at 07:05	Visibility: limited; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	0:20 starting at 07:30	Visibility: poor; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	1:40 starting at 07:50	Visibility: moderate; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	0:20 starting at 09:30	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	0:15 starting at 09:50	Visibility: moderate; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	0:25 starting at 10:35	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	1:00 starting at 11:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
20/10/2021	Vantage Point Survey	VP2	1:35 starting at 12:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
29/10/2021	Vantage Point Survey	VP4a	0:15 starting at 08:30	Visibility: moderate; Wind speed and direction: light air S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		SOB
29/10/2021	Vantage Point Survey	VP4a	0:30 starting at 08:45	Visibility: poor; Wind speed and direction: light air S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	Mist obscuring view.	SOB
29/10/2021	Vantage Point Survey	VP4a	0:30 starting at 09:15	Visibility: moderate; Wind speed and direction: light air S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	Less mist.	SOB
29/10/2021	Vantage Point Survey	VP4a	0:45 starting at 09:45	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/10/2021	Vantage Point Survey	VP4a	1:00 starting at 10:30	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
29/10/2021	Vantage Point Survey	VP4a	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
01/11/2021	Vantage Point Survey	VP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
01/11/2021	Vantage Point Survey	VP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
02/11/2021	Vantage Point Survey	VP4a	3:00 starting at 11:00	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost; Snow:	No Target Species Observed	JG
02/11/2021	Vantage Point Survey	VP4a	3:00 starting at 14:30	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost; Snow:	No Target Species Observed	JG
03/11/2021	Vantage Point Survey	VP3a	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
19/11/2021	Vantage Point Survey	VP3a	0:15 starting at 06:45	Visibility: none; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:20 starting at 07:00	Visibility: limited; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:25 starting at 07:20	Visibility: poor; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:15 starting at 07:45	Visibility: moderate; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:30 starting at 08:00	Visibility: good; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		SOB



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/11/2021	Vantage Point Survey	VP3a	1:15 starting at 08:30	Visibility: moderate; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Mist moved in obscuring hillside.	SOB
19/11/2021	Vantage Point Survey	VP3a	0:30 starting at 10:15	Visibility: poor; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Drizzling and misty	SOB
19/11/2021	Vantage Point Survey	VP3a	0:30 starting at 10:45	Visibility: moderate; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:30 starting at 11:15	Visibility: poor; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	0:30 starting at 11:45	Visibility: moderate; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		SOB
19/11/2021	Vantage Point Survey	VP3a	1:00 starting at 12:15	Visibility: good; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Mist cleared.	SOB
23/11/2021	Vantage Point Survey	VP3a	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		JG
10/12/2021	Vantage Point Survey	VP4a	3:00 starting at 07:35	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
10/12/2021	Vantage Point Survey	VP4a	3:00 starting at 11:05	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		TR
14/12/2021	Vantage Point Survey	VP2	3:00 starting at 07:35	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: light; Snow: none	Slight fog.	TR
14/12/2021	Vantage Point Survey	VP2	3:00 starting at 11:05	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
15/12/2021	Vantage Point Survey	VP3a	3:00 starting at 07:35	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
15/12/2021	Vantage Point Survey	VP3a	3:00 starting at 11:05	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
11/01/2022	Vantage Point Survey	VP4a	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
11/01/2022	Vantage Point Survey	VP4a	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
12/01/2022	Vantage Point Survey	VP2	3:00 starting at 11:10	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		TR
12/01/2022	Vantage Point Survey	VP2	3:00 starting at 14:40	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		TR
14/01/2022	Vantage Point Survey	VP3a	3:00 starting at 11:15	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
14/01/2022	Vantage Point Survey	VP3a	3:00 starting at 14:45	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 07:35	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none	Target Species: Buzzard, Kestrel	SA
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 08:35	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		SA
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 09:35	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		SA
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 11:05	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		SA
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 12:05	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		SA



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
04/02/2022	Vantage Point Survey	VP4a	1:00 starting at 13:05	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 07:35	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Target Species: Meadow Pipit & Buzzard	SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 08:35	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 09:35	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 11:05	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 12:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		SA
05/02/2022	Vantage Point Survey	VP2	1:00 starting at 13:05	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		SA
25/02/2022	Vantage Point Survey	VP3a	3:00 starting at 05:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2022	Vantage Point Survey	VP3a	3:00 starting at 08:40	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
03/03/2022	Vantage Point Survey	VP2	0:45 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	0:05 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	2:10 starting at 13:35	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		SOB



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
03/03/2022	Vantage Point Survey	VP2	1:50 starting at 16:15	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	0:10 starting at 18:05	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	0:20 starting at 18:15	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	0:20 starting at 18:35	Visibility: poor; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
03/03/2022	Vantage Point Survey	VP2	0:20 starting at 18:55	Visibility: limited; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		SOB
30/03/2022	Vantage Point Survey	VP3a	3:00 starting at 14:00	Visibility: poor; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		JG
30/03/2022	Vantage Point Survey	VP4a	3:00 starting at 17:30	Visibility: moderate; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none		JG
31/03/2022	Vantage Point Survey	VP4a	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
31/03/2022	Vantage Point Survey	VP3a	3:00 starting at 17:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
06/04/2022	Vantage Point Survey	VP2	3:00 starting at 06:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
06/04/2022	Vantage Point Survey	VP2	3:00 starting at 09:30	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
21/04/2022	Vantage Point Survey	VP4a	3:00 starting at 05:40	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/04/2022	Vantage Point Survey	VP3a	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
22/04/2022	Vantage Point Survey	VP3a	3:00 starting at 05:40	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
22/04/2022	Vantage Point Survey	VP4a	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/05/2022	Vantage Point Survey	VP2	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
11/05/2022	Vantage Point Survey	VP2	3:00 starting at 18:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
12/05/2022	Vantage Point Survey	VP4a	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
12/05/2022	Vantage Point Survey	VP3a	3:00 starting at 19:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
24/05/2022	Vantage Point Survey	VP3a	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
24/05/2022	Vantage Point Survey	VP4a	3:00 starting at 19:20	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
20/06/2022	Vantage Point Survey	VP3a	3:00 starting at 12:45	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
20/06/2022	Vantage Point Survey	VP4a	3:00 starting at 16:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
21/06/2022	Vantage Point Survey	VP2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/06/2022	Vantage Point Survey	VP2	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
24/06/2022	Vantage Point Survey	VP4a	3:00 starting at 14:00	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
28/06/2022	Vantage Point Survey	VP3a	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
05/07/2022	Vantage Point Survey	VP3a	3:00 starting at 17:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
06/07/2022	Vantage Point Survey	VP3a	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
07/07/2022	Vantage Point Survey	VP4a	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
18/07/2022	Vantage Point Survey	VP2	3:00 starting at 16:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
20/07/2022	Vantage Point Survey	VP2	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
27/07/2022	Vantage Point Survey	VP4a	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
17/08/2022	Vantage Point Survey	VP3a	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
17/08/2022	Vantage Point Survey	VP4a	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JG
18/08/2022	Vantage Point Survey	VP4a	3:00 starting at 13:00	Visibility: moderate; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/08/2022	Vantage Point Survey	VP3a	3:00 starting at 16:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
19/08/2022	Vantage Point Survey	VP2	6:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
02/09/2022	Vantage Point Survey	VP3a	3:00 starting at 14:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
02/09/2022	Vantage Point Survey	VP3a	3:00 starting at 17:40	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
05/09/2022	Vantage Point Survey	VP4a	3:00 starting at 14:10	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
05/09/2022	Vantage Point Survey	VP4a	3:00 starting at 17:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
22/09/2022	Vantage Point Survey	VP2	3:00 starting at 13:50	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
22/09/2022	Vantage Point Survey	VP2	3:00 starting at 17:20	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
07/10/2022	Vantage Point Survey	VP3a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
07/10/2022	Vantage Point Survey	VP3a	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
10/10/2022	Vantage Point Survey	VP4a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
10/10/2022	Vantage Point Survey	VP4a	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/10/2022	Vantage Point Survey	VP2	3:00 starting at 07:15	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
17/10/2022	Vantage Point Survey	VP2	3:00 starting at 10:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
02/11/2022	Vantage Point Survey	VP4a	3:00 starting at 11:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
02/11/2022	Vantage Point Survey	VP4a	3:00 starting at 14:30	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
22/11/2022	Vantage Point Survey	VP3a	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
22/11/2022	Vantage Point Survey	VP3a	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
30/11/2022	Vantage Point Survey	VP2	3:00 starting at 10:20	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
30/11/2022	Vantage Point Survey	VP2	3:00 starting at 13:50	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
01/12/2022	Vantage Point Survey	VP4a	3:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
01/12/2022	Vantage Point Survey	VP4a	3:00 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
15/12/2022	Vantage Point Survey	VP3a	3:00 starting at 07:50	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: heavy; Snow: none		JG
15/12/2022	Vantage Point Survey	VP3a	3:00 starting at 11:20	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: heavy; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/12/2022	Vantage Point Survey	VP2	3:00 starting at 08:00	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Poor visibility, very bad fog.	JG
22/12/2022	Vantage Point Survey	VP2	3:00 starting at 11:30	Visibility: poor; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	Poor visibility, very bad fog.	JG
12/01/2023	Vantage Point Survey	VP4a	3:00 starting at 10:45	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
12/01/2023	Vantage Point Survey	VP4a	3:00 starting at 14:15	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
13/01/2023	Vantage Point Survey	VP3a	3:00 starting at 10:45	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
13/01/2023	Vantage Point Survey	VP3a	3:00 starting at 14:15	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
26/01/2023	Vantage Point Survey	VP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JG
26/01/2023	Vantage Point Survey	VP2	3:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JG
09/02/2023	Vantage Point Survey	VP4a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none		JG
09/02/2023	Vantage Point Survey	VP4a	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
10/02/2023	Vantage Point Survey	VP3a	3:00 starting at 07:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
10/02/2023	Vantage Point Survey	VP3a	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
22/02/2023	Vantage Point Survey	VP2	3:00 starting at 06:40	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
22/02/2023	Vantage Point Survey	VP2	3:00 starting at 10:10	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
02/03/2023	Vantage Point Survey	VP4a	3:00 starting at 12:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
02/03/2023	Vantage Point Survey	VP4a	3:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
03/03/2023	Vantage Point Survey	VP3a	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
03/03/2023	Vantage Point Survey	VP3a	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
15/03/2023	Vantage Point Survey	VP2	3:00 starting at 12:40	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
15/03/2023	Vantage Point Survey	VP2	3:00 starting at 16:10	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG



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Table 7-2- 2 Winter walkover survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 09:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		JH
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 10:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JH
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 11:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 12:10	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
01/10/2020	Winter Walkover Survey	500m Survey Radius	1:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
10/02/2021	Winter Walkover Survey	500m Survey Radius	4:10 starting at 11:30	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: on ground		JK
05/03/2021	Winter Walkover Survey	T1	1:00 starting at 08:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T1	0:30 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T2	0:45 starting at 10:55	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T3	0:25 starting at 11:55	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T4	0:25 starting at 12:35	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/03/2021	Winter Walkover Survey	T5	0:20 starting at 13:40	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T6	1:10 starting at 14:10	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T7	0:20 starting at 15:35	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
05/03/2021	Winter Walkover Survey	T8	0:50 starting at 16:10	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TK
26/11/2021	Winter Walkover Survey	500m Survey Radius	5:00 starting at 10:00	Visibility: poor; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: on ground		JG
07/01/2022	Winter Walkover Survey	500m Survey Radius	5:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
09/02/2022	Winter Walkover Survey	500m Survey Radius	5:00 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	no target species	TR
23/03/2022	Winter Walkover Survey	T1	2:35 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SOB
23/03/2022	Winter Walkover Survey	T2	2:00 starting at 14:40	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SOB
23/03/2022	Winter Walkover Survey	T3	1:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		SOB
05/10/2022	Winter Walkover Survey	500m Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
06/10/2022	Winter Walkover Survey	500m Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
18/01/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: on ground		JG
19/01/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: on ground		JG
15/02/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
15/02/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
14/03/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
28/03/2023	Winter Walkover Survey	500m Survey Radius	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG

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Table 7-2-3 Breeding walkover survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/04/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
16/04/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
20/04/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
18/05/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		CMc
19/05/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
25/05/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none	Rain stopped after 3 hours	CMc
15/06/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
24/06/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 10:00	Visibility: poor; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Visibility at top of mountain was 2	CMc
30/06/2021	Breeding Walkover Survey	500m Survey Radius	6:00 starting at 08:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
07/07/2021	Breeding Walkover Survey	500m	2:00 starting at 08:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
07/07/2021	Breeding Walkover Survey	500m	4:00 starting at 14:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
21/07/2021	Breeding Walkover Survey	500m	6:00 starting at 10:00	Visibility: good; Wind speed and direction: calm SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	very hot day, ~30°C. Buzzard heard calling at 13:55 from the top of Ballykildea	CMc



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
					mountain. Couldn't locate bird.	
26/07/2021	Breeding Walkover Survey	500m	6:00 starting at 12:30	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none	Heavy rain after 16:00	CMc
04/04/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 10:00	Visibility: poor; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
12/04/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
25/04/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 10:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
17/05/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
18/05/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
27/05/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 13:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
03/06/2022	Breeding Walkover Survey	500m Survey Radius	5:30 starting at 11:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
09/06/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 13:30	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
27/06/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
05/07/2022	Breeding Walkover Survey	500m Survey Radius	5:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/07/2022	Breeding Walkover Survey	500m Survey Radius	5:30 starting at 13:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JG
26/07/2022	Breeding Walkover Survey	500m Survey Radius	6:30 starting at 12:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		JG

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Table 7-2- 4 Waterbird distribution and abundance survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 08:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 09:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
01/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/09/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	0:30 starting at 16:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 15:00	Visibility: good; Wind speed and direction: fresh breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
05/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		JH
25/10/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 08:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		AR
04/11/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:30 starting at 12:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
19/11/2020	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:10 starting at 11:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
08/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		TR
08/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		TR
08/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: heavy; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		TR
08/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: light; Snow: none		TR
22/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
22/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
22/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
22/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
22/01/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
12/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 09:55	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	Field by 1 flooded so unable to go to river edge.	RT
12/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	2:00 starting at 10:55	Visibility: good; Wind speed and direction: strong breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		RT
12/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	2:00 starting at 12:55	Visibility: good; Wind speed and direction: near gale SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		RT
12/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	0:50 starting at 14:55	Visibility: good; Wind speed and direction: fresh breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		RT
25/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 09:55	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Field by 1 partly flooded; unable to access 2 because horses in field.	RT



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:55	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		RT
25/02/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:35 starting at 11:55	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		RT
08/03/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
29/03/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius		Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
06/04/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
21/04/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 09:30	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:00	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		JG
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 16:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 18:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:20	Visibility: moderate; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 11:20	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 12:20	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 13:20	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 14:20	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 15:20	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
25/05/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 16:20	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
09/09/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 10:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
22/09/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:30 starting at 10:00	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
14/10/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
05/11/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none	To cover October survey	TR
11/11/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 09:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	Whooper Swan juvenile feeding	TR

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/11/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 09:30	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
08/12/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:50 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/12/2021	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:55 starting at 12:45	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
04/01/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 11:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: on ground		TR
20/01/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:45 starting at 09:15	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
01/02/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 10:00	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
22/02/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
01/03/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
07/03/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
05/04/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:30 starting at 16:00	Visibility: poor; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
19/04/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 11:00	Visibility: moderate; Wind speed and direction: light breeze NE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
04/05/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 10:30	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	Anthropogenic disturbance in several areas	JQ



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/05/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	1:00 starting at 10:30	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JQ
24/05/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JQ
14/09/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
28/09/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	6:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
11/10/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:30 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
26/10/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:30 starting at 11:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
10/11/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 10:30	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
24/11/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
07/12/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
20/12/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:30 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
21/12/2022	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:30 starting at 11:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
10/01/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 10:00	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/01/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:30 starting at 09:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
08/02/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
08/02/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG
28/02/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
28/02/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 14:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
08/03/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 10:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
08/03/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 13:30	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
29/03/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:00 starting at 10:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
29/03/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	2:00 starting at 13:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
14/04/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	5:00 starting at 08:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		LDV
27/04/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	4:30 starting at 08:00	Visibility: moderate; Wind speed and direction: light air SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV
09/05/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	2:00 starting at 10:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		LDV



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/05/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	2:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: light showers; Frost: none; Snow: none		LDV
24/05/2023	Waterbird Distribution and Abundance Survey	5km Survey Radius	3:30 starting at 10:00	Visibility: good; Wind speed and direction: light breeze SSE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		LDV

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Table 7-2- 5 Hen Harrier roost survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
06/10/2020	Hen Harrier Roost Survey	HHVP1	1:00 starting at 17:30	Visibility: good; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		JH
06/10/2020	Hen Harrier Roost Survey	HHVP1	1:00 starting at 18:30	Visibility: moderate; Wind speed and direction: strong breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JH
07/10/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 17:28	Visibility: poor; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Heavy mist on the hills.	JH
07/10/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 18:28	Visibility: limited; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	Heavy mist on the hills.	JH
23/10/2020	Hen Harrier Roost Survey	HHVP2	2:15 starting at 16:40	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		AR
24/10/2020	Hen Harrier Roost Survey	HHVP3	2:12 starting at 16:40	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		AR
25/10/2020	Hen Harrier Roost Survey	HHVP4	2:15 starting at 15:45	Visibility: moderate; Wind speed and direction: strong breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		AR
12/11/2020	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
12/11/2020	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:15	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		JK
12/11/2020	Hen Harrier Roost Survey	HHVP1	1:00 starting at 16:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
12/11/2020	Hen Harrier Roost Survey	HHVP1	0:20 starting at 17:10	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% 150-500m; Rain: heavy showers; Frost: none; Snow: none		TR
17/11/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:05	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/11/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 16:05	Visibility: good; Wind speed and direction: fresh breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
20/11/2020	Hen Harrier Roost Survey	HHVP5	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
20/11/2020	Hen Harrier Roost Survey	HHVP5	1:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
24/11/2020	Hen Harrier Roost Survey	HHVP6	2:00 starting at 15:00	Visibility: poor; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JK
24/11/2020	Hen Harrier Roost Survey	HHVP4	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: persistent; Frost: none; Snow: none		TR
24/11/2020	Hen Harrier Roost Survey	HHVP4	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		TR
01/12/2020	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
01/12/2020	Hen Harrier Roost Survey	HHVP1	1:00 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		TR
03/12/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
03/12/2020	Hen Harrier Roost Survey	HHVP2	1:00 starting at 16:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
07/12/2020	Hen Harrier Roost Survey	HHVP3	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
07/12/2020	Hen Harrier Roost Survey	HHVP3	1:00 starting at 16:00	Visibility: moderate; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/12/2020	Hen Harrier Roost Survey	HHVP4	1:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
09/12/2020	Hen Harrier Roost Survey	HHVP4	1:00 starting at 16:00	Visibility: moderate; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
16/12/2020	Hen Harrier Roost Survey	HHVP6	2:00 starting at 14:50	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: heavy showers; Frost: none; Snow: none		JK
07/01/2021	Hen Harrier Roost Survey	HHVP3	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
07/01/2021	Hen Harrier Roost Survey	HHVP3	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
07/01/2021	Hen Harrier Roost Survey	HHVP3	0:15 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
08/01/2021	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		TR
08/01/2021	Hen Harrier Roost Survey	HHVP1	1:00 starting at 16:00	Visibility: moderate; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: light showers; Frost: none; Snow: none		TR
11/01/2021	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		TR
11/01/2021	Hen Harrier Roost Survey	HHVP2	1:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 33-66% >500m; Rain: light showers; Frost: none; Snow: none		TR
13/01/2021	Hen Harrier Roost Survey	HHVP4	1:00 starting at 15:05	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
13/01/2021	Hen Harrier Roost Survey	HHVP4	1:00 starting at 16:05	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
13/01/2021	Hen Harrier Roost Survey	HHVP4	0:15 starting at 17:05	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
01/02/2021	Hen Harrier Roost Survey	HHVP1	1:00 starting at 15:45	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
01/02/2021	Hen Harrier Roost Survey	HHVP1	0:55 starting at 16:45	Visibility: moderate; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
02/02/2021	Hen Harrier Roost Survey	HHVP2	1:00 starting at 15:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
02/02/2021	Hen Harrier Roost Survey	HHVP2	0:55 starting at 16:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
03/02/2021	Hen Harrier Roost Survey	HHVP3	1:00 starting at 15:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
03/02/2021	Hen Harrier Roost Survey	HHVP3	0:55 starting at 16:45	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
22/02/2021	Hen Harrier Roost Survey	HHVP5	2:00 starting at 16:30	Visibility: good; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JK
23/02/2021	Hen Harrier Roost Survey	HHVP6	2:00 starting at 16:30	Visibility: good; Wind speed and direction: strong breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JK
25/02/2021	Hen Harrier Roost Survey	HHVP4	1:00 starting at 06:50	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/02/2021	Hen Harrier Roost Survey	HHVP4	1:00 starting at 07:50	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
01/03/2021	Hen Harrier Roost Survey	HHVP1	2:20 starting at 16:40	Visibility: good; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
02/03/2021	Hen Harrier Roost Survey	HHVP2	2:20 starting at 16:40	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
07/03/2021	Hen Harrier Roost Survey	HHVP5	1:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harriers seen	TK
07/03/2021	Hen Harrier Roost Survey	HHVP5	1:00 starting at 18:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none	No Hen Harriers seen	TK
08/03/2021	Hen Harrier Roost Survey	HHVP4	2:25 starting at 16:35	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
10/03/2021	Hen Harrier Roost Survey	HHVP3	2:25 starting at 16:35	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
12/03/2021	Hen Harrier Roost Survey	HHVP6	1:00 starting at 17:10	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	No Hen Harriers seen	TK
12/03/2021	Hen Harrier Roost Survey	HHVP6	1:00 starting at 18:10	Visibility: moderate; Wind speed and direction: fresh breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: persistent; Frost: none; Snow: none	No Hen Harriers seen	TK
14/10/2021	Hen Harrier Roost Survey	HHVP6	1:45 starting at 17:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	No Hen Harrier seen	TR
12/11/2021	Hen Harrier Roost Survey	HHVP1	2:10 starting at 15:15	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
15/11/2021	Hen Harrier Roost Survey	HHVP2	2:10 starting at 15:15	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
16/11/2021	Hen Harrier Roost Survey	HHVP3	2:10 starting at 15:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
17/11/2021	Hen Harrier Roost Survey	HHVP4	2:10 starting at 15:15	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
19/11/2021	Hen Harrier Roost Survey	HHVP5	2:10 starting at 15:15	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
22/11/2021	Hen Harrier Roost Survey	HHVP6	2:15 starting at 15:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
24/11/2021	Hen Harrier Roost Survey	HHVP1	2:15 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
25/11/2021	Hen Harrier Roost Survey	HHVP2	2:15 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
26/11/2021	Hen Harrier Roost Survey	HHVP3	2:15 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR
29/11/2021	Hen Harrier Roost Survey	HHVP4	2:15 starting at 15:00	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
30/11/2021	Hen Harrier Roost Survey	HHVP5	2:15 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		TR
08/12/2021	Hen Harrier Roost Survey	HHVP1	2:05 starting at 14:55	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
09/12/2021	Hen Harrier Roost Survey	HHVP2	2:10 starting at 14:50	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% >500m; Rain: heavy showers; Frost: none; Snow: none		TR
13/12/2021	Hen Harrier Roost Survey	HHVP3	2:10 starting at 14:50	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
16/12/2021	Hen Harrier Roost Survey	HHVP4	1:15 starting at 07:45	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
16/12/2021	Hen Harrier Roost Survey	HHVP5	1:55 starting at 14:55	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
17/12/2021	Hen Harrier Roost Survey	HHVP6	1:55 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
10/01/2022	Hen Harrier Roost Survey	HHVP4	2:15 starting at 15:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
13/01/2022	Hen Harrier Roost Survey	HHVP2	2:15 starting at 15:15	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		TR
17/01/2022	Hen Harrier Roost Survey	HHVP1	2:20 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
18/01/2022	Hen Harrier Roost Survey	HHVP3	2:20 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
21/01/2022	Hen Harrier Roost Survey	HHVP5	2:20 starting at 15:20	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
31/01/2022	Hen Harrier Roost Survey	HHVP6	2:20 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
03/02/2022	Hen Harrier Roost Survey	HHVP2	1:40 starting at 16:50	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none		TR
04/02/2022	Hen Harrier Roost Survey	HHVP3	1:45 starting at 16:45	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
08/02/2022	Hen Harrier Roost Survey	HHVP1	2:30 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		TR
22/02/2022	Hen Harrier Roost Survey	HHVP4	1:45 starting at 16:45	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
23/02/2022	Hen Harrier Roost Survey	HHVP5	1:45 starting at 16:45	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		TR



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/02/2022	Hen Harrier Roost Survey	HHVP6	1:45 starting at 17:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
07/03/2022	Hen Harrier Roost Survey	HHVP2	1:45 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
08/03/2022	Hen Harrier Roost Survey	HHVP3	1:45 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
09/03/2022	Hen Harrier Roost Survey	HHVP4	1:45 starting at 17:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
10/03/2022	Hen Harrier Roost Survey	HHVP5	1:45 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
11/03/2022	Hen Harrier Roost Survey	HHVP6	1:45 starting at 17:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		TR
14/03/2022	Hen Harrier Roost Survey	HHVP1	1:45 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
03/10/2022	Hen Harrier Roost Survey	HHVP6	2:10 starting at 17:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
05/10/2022	Hen Harrier Roost Survey	HHVP4	2:10 starting at 17:30	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
06/10/2022	Hen Harrier Roost Survey	HHVP5	2:10 starting at 17:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
11/10/2022	Hen Harrier Roost Survey	HHVP3	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
19/10/2022	Hen Harrier Roost Survey	HHVP1	2:10 starting at 16:50	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
27/10/2022	Hen Harrier Roost Survey	HHVP2	2:30 starting at 16:30	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
10/11/2022	Hen Harrier Roost Survey	HHVP6	2:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
14/11/2022	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
16/11/2022	Hen Harrier Roost Survey	HHVP1	2:00 starting at 07:20	Visibility: good; Wind speed and direction: light air SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
21/11/2022	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:10	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
24/11/2022	Hen Harrier Roost Survey	HHVP5	2:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
28/11/2022	Hen Harrier Roost Survey	HHVP4	2:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze S; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
02/12/2022	Hen Harrier Roost Survey	HHVP3	2:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze E; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	No target species observed.	JG
05/12/2022	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No target species observed.	JG
07/12/2022	Hen Harrier Roost Survey	HHVP6	2:10 starting at 14:50	Visibility: moderate; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none	No target species observed.	JG
16/12/2022	Hen Harrier Roost Survey	HHVP5	2:00 starting at 14:50	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: drizzle; Frost: none; Snow: none	No target species observed.	JG
20/12/2022	Hen Harrier Roost Survey	HHVP4	2:00 starting at 14:45	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
21/12/2022	Hen Harrier Roost Survey	HHVP1	2:00 starting at 14:45	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
10/01/2023	Hen Harrier Roost Survey	hhvp3	2:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
11/01/2023	Hen Harrier Roost Survey	hhvp5	2:15 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SW; Cloud cover and height: 66-100% <150m; Rain: heavy showers; Frost: none; Snow: none		JG
18/01/2023	Hen Harrier Roost Survey	hhvp6	2:00 starting at 15:30	Visibility: moderate; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% <150m; Rain: none; Frost: light; Snow: falling		JG
19/01/2023	Hen Harrier Roost Survey	hhvp4	2:00 starting at 15:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: on ground		JG
24/01/2023	Hen Harrier Roost Survey	hhvp1	2:00 starting at 15:40	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
27/01/2023	Hen Harrier Roost Survey	HHVP2	2:00 starting at 15:40	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
07/02/2023	Hen Harrier Roost Survey	HHVP3	2:00 starting at 16:20	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
08/02/2023	Hen Harrier Roost Survey	HHVP5	2:00 starting at 16:20	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
13/02/2023	Hen Harrier Roost Survey	HHVP4	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
15/02/2023	Hen Harrier Roost Survey	HHVP6	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze S; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
27/02/2023	Hen Harrier Roost Survey	HHVP1	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
28/02/2023	Hen Harrier Roost Survey	HHVP2	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
06/03/2023	Hen Harrier Roost Survey	HHVP6	2:00 starting at 16:40	Visibility: poor; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none	Male Hen Harrier seen.	JG
07/03/2023	Hen Harrier Roost Survey	HHVP3	2:20 starting at 16:40	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
08/03/2023	Hen Harrier Roost Survey	HHVP5	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze NE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
13/03/2023	Hen Harrier Roost Survey	HHVP4	2:00 starting at 17:00	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
14/03/2023	Hen Harrier Roost Survey	HHVP1	2:10 starting at 17:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
28/03/2023	Hen Harrier Roost Survey	HHVP2	2:15 starting at 18:30	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG

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Table 7-2- 6 Breeding raptor survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
09/04/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
14/04/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
14/04/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 14:50	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
22/04/2021	Breeding Raptor Survey	BRVP4	3:00 starting at 09:00	Visibility: good; Wind speed and direction: gentle breeze E; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
22/04/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 12:45	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
28/04/2021	Breeding Raptor Survey	BRVP6	3:00 starting at 11:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
28/04/2021	Breeding Raptor Survey	BRVP7	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Whitewashing on cliff, possible Peregrine territory.	CMc
29/04/2021	Breeding Raptor Survey	BRVP8	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
10/05/2021	Breeding Raptor Survey	BRVP7	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none		CMc
10/05/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 16:00	Visibility: good; Wind speed and direction: moderate breeze NW; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
14/05/2021	Breeding Raptor Survey	BRVP4	3:00 starting at 10:30	Visibility: moderate; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	Calm wind with good view overall, slight heat haze at distance throughout survey.	SOB
14/05/2021	Breeding Raptor Survey	BRVP6	1:30 starting at 14:00	Visibility: poor; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Started survey from across road, as was nervous about not having landowner access	SOB



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
					to field, trees blocked much of the view.	
14/05/2021	Breeding Raptor Survey	BRVP6	1:30 starting at 15:30	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	Moved into field despite worries about having no definite landowner access. Had much better view not obstructed by trees.	SOB
17/05/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
17/05/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 14:15	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CMc
26/05/2021	Breeding Raptor Survey	BRVP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
26/05/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
16/06/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
16/06/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 13:55	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
17/06/2021	Breeding Raptor Survey	BRVP7	3:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 66-100% >500m; Rain: light showers; Frost: none; Snow: none		CMc
17/06/2021	Breeding Raptor Survey	BRVP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
21/06/2021	Breeding Raptor Survey	BRVP5	3:00 starting at 11:00	Visibility: good; Wind speed and direction: moderate breeze NE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc
21/06/2021	Breeding Raptor Survey	BRVP8	3:00 starting at 15:00	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		CMc

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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
29/06/2021	Breeding Raptor Survey	BRVP6	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Clear sunny day with good visibility, weather was stable.	SOB
01/07/2021	Breeding Raptor Survey	BRVP6	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
02/07/2021	Breeding Raptor Survey	BRVP2	3:00 starting at 10:30	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
02/07/2021	Breeding Raptor Survey	BRVP3	3:00 starting at 14:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		CMc
07/07/2021	Breeding Raptor Survey	BRVP8	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 66-100% >500m; Rain: heavy showers; Frost: none; Snow: none	Visibility reduced during showers.	CMc
19/07/2021	Breeding Raptor Survey	BRVP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: calm S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		CMc
19/07/2021	Breeding Raptor Survey	BRVP5	2:45 starting at 15:00	Visibility: good; Wind speed and direction: calm S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	Van broke down, did VP from end of the road while waiting for assistance.	CMc
22/07/2021	Breeding Raptor Survey	BRVP4	3:00 starting at 14:30	Visibility: good; Wind speed and direction: calm SE; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none	Very hot day, ~30°C.	CMc
05/04/2022	Breeding Raptor Survey	BRVP3	3:00 starting at 12:30	Visibility: good; Wind speed and direction: gentle breeze NW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
07/04/2022	Breeding Raptor Survey	BRVP4	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
07/04/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
11/04/2022	Breeding Raptor Survey	BRVP2	3:00 starting at 12:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
11/04/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 15:30	Visibility: good; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/04/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze E; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
26/04/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 10:00	Visibility: good; Wind speed and direction: light air E; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
29/04/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
09/05/2022	Breeding Raptor Survey	BRVP4	3:00 starting at 15:00	Visibility: moderate; Wind speed and direction: gentle breeze S; Cloud cover and height: <150m; Rain: light showers; Frost: none; Snow: none		JG
10/05/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 11:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
10/05/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 14:30	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: ; Frost: none; Snow: none		JG
16/05/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 14:00	Visibility: poor; Wind speed and direction: moderate breeze W; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
23/05/2022	Breeding Raptor Survey	BRVP5	3:00 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		JG
25/05/2022	Breeding Raptor Survey	BRVP3	3:00 starting at 13:00	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: light showers; Frost: none; Snow: none		JG
25/05/2022	Breeding Raptor Survey	BRVP2	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
26/05/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 16:30	Visibility: good; Wind speed and direction: gentle breeze W; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
01/06/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 17:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
07/06/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
08/06/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 17:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		JG
13/06/2022	Breeding Raptor Survey	BRVP4	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
14/06/2022	Breeding Raptor Survey	BRVP2	3:00 starting at 12:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
14/06/2022	Breeding Raptor Survey	BRVP3	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
24/06/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 17:30	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
30/06/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 17:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
01/07/2022	Breeding Raptor Survey	BRVP6	3:00 starting at 17:00	Visibility: moderate; Wind speed and direction: light breeze SW; Cloud cover and height: 66-100% <150m; Rain: drizzle; Frost: none; Snow: none		JG
04/07/2022	Breeding Raptor Survey	BRVP2	3:00 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		JG
04/07/2022	Breeding Raptor Survey	BRVP3	3:00 starting at 17:30	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG
07/07/2022	Breeding Raptor Survey	BRVP8	3:00 starting at 15:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
11/07/2022	Breeding Raptor Survey	BRVP5	3:00 starting at 18:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
20/07/2022	Breeding Raptor Survey	BRVP7	3:00 starting at 11:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
22/07/2022	Breeding Raptor Survey	BRVP1	3:00 starting at 13:00	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
27/07/2022	Breeding Raptor Survey	BRVP4	3:00 starting at 15:30	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none		JG

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Table 7-2- 7 Breeding Woodcock survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
11/05/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 20:20	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
11/05/2021	Breeding Woodcock Survey	WKT2	1:00 starting at 21:20	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
21/05/2021	Breeding Woodcock Survey	WKT1	1:00 starting at 20:30	Visibility: poor; Wind speed and direction: moderate breeze E; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
21/05/2021	Breeding Woodcock Survey	WKT1	1:00 starting at 21:30	Visibility: moderate; Wind speed and direction: moderate breeze E; Cloud cover and height: 33-66% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
31/05/2021	Breeding Woodcock Survey	WKT1	2:00 starting at 20:57	Visibility: good; Wind speed and direction: light breeze N; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
08/06/2021	Breeding Woodcock Survey	WKT2	2:00 starting at 20:57	Visibility: limited; Wind speed and direction: light breeze N; Cloud cover and height: 66-100% >500m; Rain: drizzle; Frost: none; Snow: none	No target species observed.	JG
10/06/2021	Breeding Woodcock Survey	WKT3	2:00 starting at 20:57	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 33-66% 150-500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
11/06/2021	Breeding Woodcock Survey	WKT4	2:00 starting at 20:57	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
18/06/2021	Breeding Woodcock Survey	WKT4	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light breeze NE; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
21/06/2021	Breeding Woodcock Survey	WKT1	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	no target species observed	JG
22/06/2021	Breeding Woodcock Survey	WKT2	2:00 starting at 21:04	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% <150m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
23/06/2021	Breeding Woodcock Survey	WKT3	2:30 starting at 09:00	Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none	No target species observed.	AC



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Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/06/2021	Breeding Woodcock Survey	WKT4	2:35 starting at 09:05	Visibility: poor; Wind speed and direction: light air N; Cloud cover and height: 66-100% <150m; Rain: none; Frost: none; Snow: none	No target species observed, misty.	AC
30/06/2021	Breeding Woodcock Survey	WKT3	2:00 starting at 21:04	Visibility: good; Wind speed and direction: light air NE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none	No target species observed.	JG
04/05/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 20:50	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none	Tree felling at the top of transect.	JQ
10/05/2022	Breeding Woodcock Survey	WKT3	2:00 starting at 20:55	Visibility: moderate; Wind speed and direction: strong breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none	Transect was moved 150m to the west as lack of access, wind and rain picked up towards the end of survey.	JQ
12/05/2022	Breeding Woodcock Survey	WKT4	2:00 starting at 21:05	Visibility: moderate; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JQ
24/05/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 21:05	Visibility: good; Wind speed and direction: gentle breeze N; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JQ
01/06/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light air NW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG
07/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 21:00	Visibility: moderate; Wind speed and direction: light breeze SE; Cloud cover and height: 66-100% 150-500m; Rain: drizzle; Frost: none; Snow: none		JG
08/06/2022	Breeding Woodcock Survey	WKT3	2:00 starting at 21:00	Visibility: good; Wind speed and direction: moderate breeze W; Cloud cover and height: 33-66% <150m; Rain: drizzle; Frost: none; Snow: none		JG
09/06/2022	Breeding Woodcock Survey	WKT4	2:00 starting at 21:00	Visibility: moderate; Wind speed and direction: gentle breeze SW; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG
16/06/2022	Breeding Woodcock Survey	WKT1	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
22/06/2022	Breeding Woodcock Survey	WKT2	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light breeze W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG



Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
24/06/2022	Breeding Woodcock Survey	WKT3	2:00 starting at 21:00	Visibility: poor; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG
30/06/2022	Breeding Woodcock Survey	WKT4	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light breeze S; Cloud cover and height: 66-100% 150-500m; Rain: none; Frost: none; Snow: none		JG

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Table 7-2- 8 Breeding Red Grouse survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
08/02/2021	Breeding Red Grouse Survey	T1	2:00 starting at 08:00	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JC
08/02/2021	Breeding Red Grouse Survey	T2	4:25 starting at 10:20	Visibility: good; Wind speed and direction: gentle breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JC
08/02/2021	Breeding Red Grouse Survey	T3	1:00 starting at 15:00	Visibility: good; Wind speed and direction: moderate breeze SE; Cloud cover and height: 66-100% >500m; Rain: none; Frost: none; Snow: none		JC
28/02/2022	Breeding Red Grouse Survey	500m Survey Radius	6:00 starting at 09:00	Visibility: good; Wind speed and direction: light breeze SW; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		TR
24/02/2023	Breeding Red Grouse Survey	500m Survey Radius	5:00 starting at 10:00	Visibility: good; Wind speed and direction: moderate breeze N; Cloud cover and height: 66-100% <150m; Rain: light showers; Frost: none; Snow: none		JG



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Table 7-2-9 Breeding Barn Owl survey effort

Date	Survey	Location	Duration (h)	Weather Conditions	Comments	Surveyor
26/04/2021	Breeding Barn Owl Survey	BOVP1	2:00 starting at 20:00	Visibility: good; Wind speed and direction: light breeze NW; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JK
30/06/2021	Breeding Barn Owl Survey	BOVP1	1:35 starting at 21:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% 150-500m; Rain: none; Frost: none; Snow: none	Calm warm night with a clear sky.	SOB
22/07/2021	Breeding Barn Owl Survey	BOVP1	2:00 starting at 21:00	Visibility: good; Wind speed and direction: calm W; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
07/04/2022	Breeding Barn Owl Survey	BOVP1		Visibility: good; Wind speed and direction: light air N; Cloud cover and height: 33-66% <150m; Rain: ; Frost: ; Snow:		JG
27/05/2022	Breeding Barn Owl Survey	BOVP1	1:30 starting at 21:30	Visibility: good; Wind speed and direction: light air SW; Cloud cover and height: 0-33% <150m; Rain: none; Frost: none; Snow: none		JG
28/06/2022	Breeding Barn Owl Survey	BOVP1	2:00 starting at 21:00	Visibility: good; Wind speed and direction: light breeze SE; Cloud cover and height: 0-33% >500m; Rain: none; Frost: none; Snow: none		JG
11/07/2022	Breeding Barn Owl Survey	BOVP1	1:30 starting at 21:30	Visibility: good; Wind speed and direction: light air S; Cloud cover and height: 33-66% >500m; Rain: none; Frost: none; Snow: none		JG