



Dalfad Wind Farm

Ornithological Baseline Survey Effort

Technical Appendix 7.1 Annex A

SLR Project No.: 413.057968.00001

Brockwell Energy

7 September 2026

Revision: V1

Annex A Ornithological Baseline Survey Effort

Table A-1 shows the system used for recording weather conditions on all the surveys (sections **A.1** to **A.2** below).

Table A-1: Key to meteorological conditions recorded during all surveys

Wind speed				Rain		Cloud cover		Cloud height	
Calm	0	Moderate gale	7	None	0	In eighths		<150m	0
Light air	1	Fresh gale	8	Drizzle/Mist	1	e.g.	3/8	150-500m	1
Light breeze	2	Strong gale	9	Light showers	2			>500m	2
Gentle breeze	3	Whole gale	10	Heavy showers	3				
Moderate breeze	4	Storm	11	Heavy rain	4				
Fresh breeze	5	Hurricane	12	Snow		Frost		Visibility	
Strong breeze	6			None	0	None	0	Poor (<1km)	0
				On site	1	Ground	1	Moderate (1-2km)	1
				High ground	2	All day	2	Good (>2km)	2

A.1 Flight Activity Surveys

Details of the flight activity survey hours undertaken across each Vantage Point (VP) location are supplied in **Table A-2** (survey hours per VP per season are summarised in **Technical Appendix 7.1**) and the associated weather data recorded is detailed in **Table A-3**. Refer to **Annex B** for survey results.

Table A-2: Summary of Flight Activity Surveys Undertaken at Dalfad Wind Farm (Sorted Chronologically)

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
13/04/2023	2023 BR	TH	1	0915	1215	3
13/04/2023	2023 BR	ENS	4	0920	1220	3
13/04/2023	2023 BR	JB	3	0925	1225	3
13/04/2023	2023 BR	TH	1	1245	1545	3
13/04/2023	2023 BR	ENS	4	1250	1550	3
13/04/2023	2023 BR	JB	3	1255	1555	3
19/04/2023	2023 BR	EB	4	0930	1230	3
19/04/2023	2023 BR	EB	4	1300	1600	3
19/04/2023	2023 BR	HEC	1	1400	1500	1
27/04/2023	2023 BR	JRM	2	1000	1300	3
27/04/2023	2023 BR	JRM	2	1330	1630	3
01/05/2023	2023 BR	ENS	1	0920	1220	3
01/05/2023	2023 BR	HEC	4	0930	1230	3
01/05/2023	2023 BR	JB	3	0940	1240	3
01/05/2023	2023 BR	ENS	1	1250	1550	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
01/05/2023	2023 BR	HEC	4	1300	1600	3
01/05/2023	2023 BR	JB	3	1310	1610	3
12/05/2023	2023 BR	HEC	1	0650	0950	3
12/05/2023	2023 BR	ENS	2	0650	0950	3
12/05/2023	2023 BR	JB	3	0650	0950	3
12/05/2023	2023 BR	EB	4	0650	0950	3
01/06/2023	2023 BR	ENS	3	0905	1205	3
01/06/2023	2023 BR	TH	2	0910	1210	3
01/06/2023	2023 BR	ENS	3	1235	1535	3
01/06/2023	2023 BR	TH	2	1240	1540	3
16/06/2023	2023 BR	NW	1	0830	1130	3
16/06/2023	2023 BR	ENS	2	0835	1135	3
16/06/2023	2023 BR	NW	1	1200	1500	3
16/06/2023	2023 BR	ENS	2	1205	1505	3
19/07/2023	2023 BR	HEC	4	0900	1200	3
19/07/2023	2023 BR	JB	2	0915	1215	3
19/07/2023	2023 BR	HEC	4	1230	1530	3
19/07/2023	2023 BR	JB	2	1245	1545	3
20/07/2023	2023 BR	HEC	3	0925	1225	3
20/07/2023	2023 BR	HEC	3	1255	1555	3
21/07/2023	2023 BR	HEC	1	0850	1150	3
21/07/2023	2023 BR	HEC	1	1220	1520	3
02/08/2023	2023 BR	JR	4	0800	1100	3
02/08/2023	2023 BR	JR	4	1130	1430	3
21/08/2023	2023 BR	JRM	1	1210	1510	3
21/08/2023	2023 BR	JRM	1	1540	1840	3
23/08/2023	2023 BR	HEC	3	0750	1050	3
23/08/2023	2023 BR	JR	2	0800	1100	3
23/08/2023	2023 BR	HEC	3	1120	1420	3
23/08/2023	2023 BR	JR	2	1130	1430	3
24/08/2023	2023 BR	JR	3	0800	1100	3
24/08/2023	2023 BR	HEC	1	0810	1010	2
24/08/2023	2023 BR	HEC	2	1040	1340	3
24/08/2023	2023 BR	JR	4	1130	1430	3
25/09/2023	2023/2024 NBR	AM	3	1200	1500	3
25/09/2023	2023/2024 NBR	AM	3	1530	1830	3
26/09/2023	2023/2024 NBR	AM	1	1040	1340	3
26/09/2023	2023/2024 NBR	AM	1	1410	1710	3
27/09/2023	2023/2024 NBR	AM	2	0900	1200	3
27/09/2023	2023/2024 NBR	AM	2	1230	1530	3
29/09/2023	2023/2024 NBR	AM	4	1040	1340	3

¹ Note: only valid hours (i.e. where visibility was at least 1 km) are presented in this column.



Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
29/09/2023	2023/2024 NBR	AM	4	1410	1710	3
03/10/2023	2023/2024 NBR	JB	4	0900	1200	3
03/10/2023	2023/2024 NBR	JRM	1	0940	1240	3
03/10/2023	2023/2024 NBR	JB	4	1230	1530	3
03/10/2023	2023/2024 NBR	JRM	1	1310	1610	3
18/10/2023	2023/2024 NBR	JRM	3	1020	1320	3
18/10/2023	2023/2024 NBR	JRM	3	1350	1650	3
24/10/2023	2023/2024 NBR	JRM	2	1010	1310	3
24/10/2023	2023/2024 NBR	JRM	2	1340	1640	3
02/11/2023	2023/2024 NBR	JRM	1	0720	1020	3
02/11/2023	2023/2024 NBR	JB	4	0900	1200	3
02/11/2023	2023/2024 NBR	JRM	1	1050	1350	3
02/11/2023	2023/2024 NBR	JB	4	1230	1530	3
15/11/2023	2023/2024 NBR	MW	3	0800	1100	3
15/11/2023	2023/2024 NBR	JRM	2	1015	1315	3
15/11/2023	2023/2024 NBR	MW	3	1130	1430	3
15/11/2023	2023/2024 NBR	JRM	2	1345	1645	3
04/12/2023	2023/2024 NBR	JRM	3	0845	1145	3
04/12/2023	2023/2024 NBR	JRM	3	1215	1515	3
05/12/2023	2023/2024 NBR	JRM	1	0825	1125	3
05/12/2023	2023/2024 NBR	JRM	1	1155	1455	3
06/12/2023	2023/2024 NBR	JRM	2	0835	1135	3
06/12/2023	2023/2024 NBR	JRM	2	1205	1505	3
12/12/2023	2023/2024 NBR	EB	4	0900	1200	3
12/12/2023	2023/2024 NBR	EB	4	1230	1530	3
17/01/2024	2023/2024 NBR	JB	2	0950	1250	3
17/01/2024	2023/2024 NBR	JB	2	1320	1520	2
22/01/2024	2023/2024 NBR	JRM	3	0840	1140	3
22/01/2024	2023/2024 NBR	JRM	3	1210	1510	3
23/01/2024	2023/2024 NBR	JRM	4	0825	1125	3
23/01/2024	2023/2024 NBR	JRM	4	1155	1455	3
24/01/2024	2023/2024 NBR	JRM	1	0945	1245	3
24/01/2024	2023/2024 NBR	JRM	1	1315	1615	3
25/01/2024	2023/2024 NBR	JRM	2	1355	1455	1
12/02/2024	2023/2024 NBR	JRM	1	0810	1110	3
12/02/2024	2023/2024 NBR	MW	2	0830	1130	3
12/02/2024	2023/2024 NBR	JRM	1	1140	1440	3
12/02/2024	2023/2024 NBR	MW	2	1200	1500	3
13/02/2024	2023/2024 NBR	MW	3	0730	1030	3
13/02/2024	2023/2024 NBR	MW	3	1100	1400	3
26/02/2024	2023/2024 NBR	JRM	4	0945	1245	3
26/02/2024	2023/2024 NBR	JRM	4	1315	1615	3
15/04/2024	2024 BR	LS	4	0850	1150	3
15/04/2024	2024 BR	LS	4	1220	1520	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
18/04/2024	2024 BR	JRM	1	0800	1100	3
19/04/2024	2024 BR	JRM	1	0700	1000	3
24/04/2024	2024 BR	LS	3	0935	1235	3
24/04/2024	2024 BR	EB	2	0940	1240	3
24/04/2024	2024 BR	LS	3	1305	1605	3
24/04/2024	2024 BR	EB	2	1310	1610	3
10/05/2024	2024 BR	JRM	1	0640	0940	3
17/05/2024	2024 BR	JRM	1	0600	0900	3
07/06/2024	2024 BR	AM	1	0930	1230	3
07/06/2024	2024 BR	AM	1	1300	1600	3
08/06/2024	2024 BR	AM	3	1030	1330	3
08/06/2024	2024 BR	AM	3	1400	1700	3
21/06/2024	2024 BR	AM	2	0950	1250	3
21/06/2024	2024 BR	AM	2	1320	1620	3
22/06/2024	2024 BR	AM	4	0830	1130	3
22/06/2024	2024 BR	AM	4	1200	1500	3
13/07/2024	2024 BR	AM	1	1045	1345	3
13/07/2024	2024 BR	AM	1	1415	1715	3
14/07/2024	2024 BR	AM	3	1015	1315	3
14/07/2024	2024 BR	AM	3	1345	1645	3
20/07/2024	2024 BR	AM	2	0945	1245	3
20/07/2024	2024 BR	AM	2	1315	1615	3
22/07/2024	2024 BR	AM	4	1050	1350	3
22/07/2024	2024 BR	AM	4	1420	1720	3
24/07/2024	2024 BR	AM	4	0945	1245	3
24/07/2024	2024 BR	AM	4	1315	1615	3
27/07/2024	2024 BR	AM	3	1040	1340	3
27/07/2024	2024 BR	AM	3	1410	1710	3
30/07/2024	2024 BR	AM	1	1500	1800	3
30/07/2024	2024 BR	AM	1	1830	2130	3
31/07/2024	2024 BR	AM	2	1000	1300	3
31/07/2024	2024 BR	AM	2	1330	1630	3
07/08/2024	2024 BR	AM	2	1015	1315	3
07/08/2024	2024 BR	AM	2	1345	1645	3
11/08/2024	2024 BR	AM	3	1030	1330	3
11/08/2024	2024 BR	AM	3	1400	1700	3
12/08/2024	2024 BR	AM	4	1045	1345	3
12/08/2024	2024 BR	AM	4	1415	1715	3
13/08/2024	2024 BR	AM	2	1010	1310	3
13/08/2024	2024 BR	AM	2	1340	1640	3
22/08/2024	2024 BR	AM	1	1040	1340	3
22/08/2024	2024 BR	AM	1	1410	1710	3
24/08/2024	2024 BR	AM	3	0945	1245	3
24/08/2024	2024 BR	AM	3	1315	1615	3



Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
26/08/2024	2024 BR	AM	4	0750	1050	3
26/08/2024	2024 BR	AM	4	1120	1420	3
04/09/2024	2024/2025 NBR	JRM	1	1345	1645	3
04/09/2024	2024/2025 NBR	JRM	1	1715	2015	3
06/09/2024	2024/2025 NBR	JRM	5	1000	1300	3
06/09/2024	2024/2025 NBR	JRM	5	1330	1630	3
20/09/2024	2024/2025 NBR	JRM	4	0920	1220	3
20/09/2024	2024/2025 NBR	JRM	4	1250	1550	3
23/09/2024	2024/2025 NBR	JRM	2	0900	1030	1.5
25/09/2024	2024/2025 NBR	JRM	2	0830	1130	3
25/09/2024	2024/2025 NBR	JRM	2	1200	1330	1.5
07/10/2024	2024/2025 NBR	JRM	5	1045	1345	3
07/10/2024	2024/2025 NBR	JRM	5	1415	1715	3
15/10/2024	2024/2025 NBR	JRM	1	1155	1455	3
15/10/2024	2024/2025 NBR	JRM	1	1525	1825	3
16/10/2024	2024/2025 NBR	JRM	2	1130	1430	3
16/10/2024	2024/2025 NBR	JRM	2	1500	1800	3
18/10/2024	2024/2025 NBR	JRM	4	0950	1250	3
18/10/2024	2024/2025 NBR	JRM	4	1320	1620	3
05/11/2024	2024/2025 NBR	JRM	2	1000	1300	3
05/11/2024	2024/2025 NBR	JRM	2	1330	1630	3
12/11/2024	2024/2025 NBR	JRM	1	0945	1245	3
12/11/2024	2024/2025 NBR	JRM	1	1315	1615	3
14/11/2024	2024/2025 NBR	JRM	4	1010	1310	2.25
14/11/2024	2024/2025 NBR	JRM	4	1340	1425	0.75
15/11/2024	2024/2025 NBR	JRM	5	1000	1300	3
15/11/2024	2024/2025 NBR	JRM	5	1330	1615	2
19/11/2024	2024/2025 NBR	JRM	2	0930	1230	3
19/11/2024	2024/2025 NBR	JRM	1	1300	1600	3
21/11/2024	2024/2025 NBR	JB	5	0920	1220	3
21/11/2024	2024/2025 NBR	JB	5	1250	1450	2
22/11/2024	2024/2025 NBR	JB	4	0905	1205	3
22/11/2024	2024/2025 NBR	JB	4	1235	1335	1
03/12/2024	2024/2025 NBR	JRM	2	0930	1230	3
03/12/2024	2024/2025 NBR	JRM	1	1300	1600	3
04/12/2024	2024/2025 NBR	JRM	5	1100	1300	2
11/12/2024	2024/2025 NBR	JB	4	0930	1230	3
11/12/2024	2024/2025 NBR	JB	4	1300	1500	2
14/01/2025	2024/2025 NBR	JRM	1	1000	1300	3
14/01/2025	2024/2025 NBR	JRM	1	1330	1630	3
15/01/2025	2024/2025 NBR	ENS	4	0830	1130	3
15/01/2025	2024/2025 NBR	ENS	4	1200	1500	3
31/01/2025	2024/2025 NBR	TH	5	0845	1145	3
31/01/2025	2024/2025 NBR	TL	2	0915	1215	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours ¹ surveyed
31/01/2025	2024/2025 NBR	TH	5	1215	1515	3
31/01/2025	2024/2025 NBR	TL	2	1245	1545	3
10/02/2025	2024/2025 NBR	JRM	1	1045	1345	3
10/02/2025	2024/2025 NBR	JRM	1	1415	1715	3
11/02/2025	2024/2025 NBR	JRM	2	1030	1330	3
11/02/2025	2024/2025 NBR	JRM	2	1400	1700	3
13/02/2025	2024/2025 NBR	JRM	5	1045	1345	3
13/02/2025	2024/2025 NBR	JRM	5	1415	1715	3
18/02/2025	2024/2025 NBR	LW	4	0840	1140	3
18/02/2025	2024/2025 NBR	LW	4	1210	1510	3



Table A-3: Meteorological Conditions During Flight Activity Surveys at Dalfad Wind Farm (Sorted Chronologically)

Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
13/04/2023	1	TH	0915	1215	1	2	W	0	6	2	2	0	0
13/04/2023	1	TH	0915	1215	2	2	W	0	6	2	2	0	0
13/04/2023	1	TH	0915	1215	3	1	W	0	5	2	2	0	0
13/04/2023	4	ENS	0920	1220	1	2	WNW	0	7	2	2	0	0
13/04/2023	4	ENS	0920	1220	2	2	WNW	0	7	2	2	0	0
13/04/2023	4	ENS	0920	1220	3	2	WNW	0	6	2	2	0	0
13/04/2023	3	JB	0925	1225	1	1	SW	0	4	2	2	0	0
13/04/2023	3	JB	0925	1225	2	0	-	0	5	2	2	0	0
13/04/2023	3	JB	0925	1225	3	0	-	0	6	2	2	0	0
13/04/2023	1	TH	1245	1545	1	1	W	0	5	2	2	0	0
13/04/2023	1	TH	1245	1545	2	1	W	0	5	2	2	0	0
13/04/2023	1	TH	1245	1545	3	2	W	0	5	2	2	0	0
13/04/2023	4	ENS	1250	1550	1	2	W	0	6	2	2	0	0
13/04/2023	4	ENS	1250	1550	2	3	W	0	5	2	2	0	0
13/04/2023	4	ENS	1250	1550	3	3	W	0	4	2	2	0	0
13/04/2023	3	JB	1255	1555	1	0	-	0	5	2	2	0	0
13/04/2023	3	JB	1255	1555	2	0	-	0	6	2	2	0	0
13/04/2023	3	JB	1255	1555	3	1	SW	0	4	2	2	0	0
19/04/2023	4	EB	0930	1230	1	3	ESE	0	1	2	2	0	0
19/04/2023	4	EB	0930	1230	2	5	ESE	0	2	2	2	0	0
19/04/2023	4	EB	0930	1230	3	4	ESE	0	2	2	2	0	0
19/04/2023	4	EB	1300	1600	1	4	ESE	0	2	2	2	0	0
19/04/2023	4	EB	1300	1600	2	4	ESE	0	4	2	2	0	0
19/04/2023	4	EB	1300	1600	3	3	ESE	0	4	2	2	0	0
19/04/2023	1	HEC	1400	1500	1	5	E	0	4	2	2	0	0
27/04/2023	2	JRM	1000	1300	1	3	SE	2	8	2	2	0	0
27/04/2023	2	JRM	1000	1300	2	3	SE	2	8	2	2	0	0
27/04/2023	2	JRM	1000	1300	3	4	SE	2	8	2	2	0	0
27/04/2023	2	JRM	1330	1630	1	4	SE	2	8	2	2	0	0
27/04/2023	2	JRM	1330	1630	2	5	SSE	3	8	2	2	0	0
27/04/2023	2	JRM	1330	1630	3	5	SSE	2	8	2	2	0	0
01/05/2023	1	ENS	0920	1220	1	2	WNW	2	8	2	2	0	0
01/05/2023	1	ENS	0920	1220	2	2	WNW	2	8	1	2	0	0
01/05/2023	1	ENS	0920	1220	3	2	WNW	2	8	1	2	0	0
01/05/2023	4	HEC	0930	1230	1	3	W	1	8	1	1	0	0
01/05/2023	4	HEC	0930	1230	2	3	W	2	8	1	1	0	0
01/05/2023	4	HEC	0930	1230	3	3	W	1	8	1	2	0	0
01/05/2023	3	JB	0940	1240	1	1	N	1	8	2	2	0	0
01/05/2023	3	JB	0940	1240	2	1	N	1	8	1	2	0	0
01/05/2023	3	JB	0940	1240	3	1	N	0	8	2	2	0	0
01/05/2023	1	ENS	1250	1550	1	2	WNW	0	8	2	2	0	0
01/05/2023	1	ENS	1250	1550	2	2	WNW	0	5	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
01/05/2023	1	ENS	1250	1550	3	2	WNW	0	6	2	2	0	0
01/05/2023	4	HEC	1300	1600	1	2	SW	0	8	1	2	0	0
01/05/2023	4	HEC	1300	1600	2	2	W	0	7	1	2	0	0
01/05/2023	4	HEC	1300	1600	3	3	W	0	7	2	2	0	0
01/05/2023	3	JB	1310	1610	1	1	N	0	7	2	2	0	0
01/05/2023	3	JB	1310	1610	2	1	N	0	7	2	2	0	0
01/05/2023	3	JB	1310	1610	3	1	N	0	6	2	2	0	0
12/05/2023	1	HEC	0650	0950	1	2	E	0	8	1	2	0	0
12/05/2023	1	HEC	0650	0950	2	3	E	0	8	1	2	0	0
12/05/2023	1	HEC	0650	0950	3	3	E	0	7	2	2	0	0
12/05/2023	2	ENS	0650	0950	1	1	ENE	0	8	2	2	0	0
12/05/2023	2	ENS	0650	0950	2	1	ENE	0	8	2	2	0	0
12/05/2023	2	ENS	0650	0950	3	2	ENE	0	5	2	2	0	0
12/05/2023	3	JB	0650	0950	1	2	S	0	8	2	2	0	0
12/05/2023	3	JB	0650	0950	2	1	S	0	8	2	2	0	0
12/05/2023	3	JB	0650	0950	3	1	S	0	6	2	2	0	0
12/05/2023	4	EB	0650	0950	1	3	N	0	8	2	2	0	0
12/05/2023	4	EB	0650	0950	2	3	N	0	7	2	2	0	0
12/05/2023	4	EB	0650	0950	3	3	N	0	6	2	2	0	0
01/06/2023	3	ENS	0905	1205	1	2	ENE	0	3	2	2	0	0
01/06/2023	3	ENS	0905	1205	2	2	ENE	0	7	2	2	0	0
01/06/2023	3	ENS	0905	1205	3	2	NE	0	6	2	2	0	0
01/06/2023	2	TH	0910	1210	1	2	NE	0	5	2	2	0	0
01/06/2023	2	TH	0910	1210	2	2	NE	0	6	2	2	0	0
01/06/2023	2	TH	0910	1210	3	2	NE	0	6	2	2	0	0
01/06/2023	3	ENS	1235	1535	1	2	NE	0	4	2	2	0	0
01/06/2023	3	ENS	1235	1535	2	2	NE	0	4	2	2	0	0
01/06/2023	3	ENS	1235	1535	3	2	NE	0	3	2	2	0	0
01/06/2023	2	TH	1240	1540	1	2	NE	0	6	2	2	0	0
01/06/2023	2	TH	1240	1540	2	2	NE	0	6	2	2	0	0
01/06/2023	2	TH	1240	1540	3	2	NE	0	6	2	2	0	0
16/06/2023	1	NW	0830	1130	1	0	-	0	1	2	2	0	0
16/06/2023	1	NW	0830	1130	2	1	ENE	0	1	2	2	0	0
16/06/2023	1	NW	0830	1130	3	1	SSE	0	2	2	2	0	0
16/06/2023	2	ENS	0835	1135	1	2	ESE	0	1	2	2	0	0
16/06/2023	2	ENS	0835	1135	2	2	ESE	0	2	2	2	0	0
16/06/2023	2	ENS	0835	1135	3	2	ESE	0	2	2	2	0	0
16/06/2023	1	NW	1200	1500	1	1	SSE	0	3	2	2	0	0
16/06/2023	1	NW	1200	1500	2	1	SSW	0	3	2	2	0	0
16/06/2023	1	NW	1200	1500	3	1	SSW	0	3	2	2	0	0
16/06/2023	2	ENS	1205	1505	1	2	ESE	0	5	2	2	0	0
16/06/2023	2	ENS	1205	1505	2	2	ESE	0	4	2	2	0	0
16/06/2023	2	ENS	1205	1505	3	2	ESE	0	4	2	2	0	0
19/07/2023	4	HEC	0900	1200	1	2	W	0	5	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
19/07/2023	4	HEC	0900	1200	2	3	W	0	6	2	2	0	0
19/07/2023	4	HEC	0900	1200	3	3	WSW	0	7	2	2	0	0
19/07/2023	2	JB	0915	1215	1	1	N	0	5	1	2	0	0
19/07/2023	2	JB	0915	1215	2	1	N	0	5	1	2	0	0
19/07/2023	2	JB	0915	1215	3	1	N	0	5	1	2	0	0
19/07/2023	4	HEC	1230	1530	1	4	SW	0	6	2	2	0	0
19/07/2023	4	HEC	1230	1530	2	4	WSW	0	6	2	2	0	0
19/07/2023	4	HEC	1230	1530	3	4	WSW	0	6	2	2	0	0
19/07/2023	2	JB	1245	1545	1	1	N	0	5	1	2	0	0
19/07/2023	2	JB	1245	1545	2	1	N	1	5	1	2	0	0
19/07/2023	2	JB	1245	1545	3	1	N	0	5	1	2	0	0
20/07/2023	3	HEC	0925	1225	1	2	SW	0	4	2	2	0	0
20/07/2023	3	HEC	0925	1225	2	3	W	0	6	2	2	0	0
20/07/2023	3	HEC	0925	1225	3	3	WSW	0	6	2	2	0	0
20/07/2023	3	HEC	1255	1555	1	3	W	0	5	2	2	0	0
20/07/2023	3	HEC	1255	1555	2	3	WSW	0	7	2	2	0	0
20/07/2023	3	HEC	1255	1555	3	3	WSW	0	8	2	2	0	0
21/07/2023	1	HEC	0850	1150	1	2	WNW	0	5	2	2	0	0
21/07/2023	1	HEC	0850	1150	2	2	WNW	0	5	2	2	0	0
21/07/2023	1	HEC	0850	1150	3	2	NW	0	4	2	2	0	0
21/07/2023	1	HEC	1220	1520	1	3	W	0	6	2	2	0	0
21/07/2023	1	HEC	1220	1520	2	3	WNW	0	5	2	2	0	0
21/07/2023	1	HEC	1220	1520	3	3	WSW	0	4	2	2	0	0
02/08/2023	4	JR	0800	1100	1	2	NE	1	8	1	1	0	0
02/08/2023	4	JR	0800	1100	2	2	NE	2	8	1	1	0	0
02/08/2023	4	JR	0800	1100	3	3	NNE	2	8	1	1	0	0
02/08/2023	4	JR	1130	1430	1	3	N	2	8	1	2	0	0
02/08/2023	4	JR	1130	1430	2	3	N	2	8	1	1	0	0
02/08/2023	4	JR	1130	1430	3	3	N	2	8	1	1	0	0
21/08/2023	1	JRM	1210	1510	1	4	SSW	0	5	2	2	0	0
21/08/2023	1	JRM	1210	1510	2	4	SSW	0	6	2	2	0	0
21/08/2023	1	JRM	1210	1510	3	4	SSW	0	6	2	2	0	0
21/08/2023	1	JRM	1540	1840	1	4	SSW	0	6	2	2	0	0
21/08/2023	1	JRM	1540	1840	2	4	SSW	0	5	2	2	0	0
21/08/2023	1	JRM	1540	1840	3	5	SSW	0	4	2	2	0	0
23/08/2023	3	HEC	0750	1050	1	2	S	0	8	2	2	0	0
23/08/2023	3	HEC	0750	1050	2	3	S	0	7	2	2	0	0
23/08/2023	3	HEC	0750	1050	3	3	S	0	7	2	2	0	0
23/08/2023	2	JR	0800	1100	1	2	SSW	0	7	2	2	0	0
23/08/2023	2	JR	0800	1100	2	2	SSW	0	7	2	2	0	0
23/08/2023	2	JR	0800	1100	3	2	SSW	0	7	2	2	0	0
23/08/2023	3	HEC	1120	1420	1	3	S	0	8	2	2	0	0
23/08/2023	3	HEC	1120	1420	2	3	S	0	7	2	2	0	0
23/08/2023	3	HEC	1120	1420	3	3	S	0	7	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
23/08/2023	2	JR	1130	1430	1	3	SSW	0	7	2	2	0	0
23/08/2023	2	JR	1130	1430	2	3	SSW	0	7	2	2	0	0
23/08/2023	2	JR	1130	1430	3	3	SSW	0	7	2	2	0	0
24/08/2023	3	JR	0800	1100	1	2	SW	0	4	2	2	0	0
24/08/2023	3	JR	0800	1100	2	2	SW	0	4	2	2	0	0
24/08/2023	3	JR	0800	1100	3	2	SW	0	3	2	2	0	0
24/08/2023	1	HEC	0810	1010	1	2	SW	0	6	2	2	0	0
24/08/2023	1	HEC	0810	1010	2	3	WSW	0	6	2	2	0	0
24/08/2023	2	HEC	1040	1340	1	3	WSW	0	4	2	2	0	0
24/08/2023	2	HEC	1040	1340	2	4	WSW	0	6	2	2	0	0
24/08/2023	2	HEC	1040	1340	3	4	WSW	0	6	2	2	0	0
24/08/2023	4	JR	1130	1430	1	2	SW	0	4	2	2	0	0
24/08/2023	4	JR	1130	1430	2	3	WSW	0	4	2	2	0	0
24/08/2023	4	JR	1130	1430	3	3	W	0	3	2	2	0	0
25/09/2023	3	AM	1200	1500	1	4	SW	0	5	2	2	0	0
25/09/2023	3	AM	1200	1500	2	4	SW	3	6	2	2	0	0
25/09/2023	3	AM	1200	1500	3	4	SW	0	5	2	2	0	0
25/09/2023	3	AM	1530	1830	1	4	SW	0	5	2	2	0	0
25/09/2023	3	AM	1530	1830	2	4	SSW	0	5	2	2	0	0
25/09/2023	3	AM	1530	1830	3	3	SSW	0	4	2	2	0	0
26/09/2023	1	AM	1040	1340	1	4	SSW	3	7	2	2	0	0
26/09/2023	1	AM	1040	1340	2	4	SSW	3	8	2	2	0	0
26/09/2023	1	AM	1040	1340	3	4	SW	3	7	2	2	0	0
26/09/2023	1	AM	1410	1710	1	4	SW	0	5	2	2	0	0
26/09/2023	1	AM	1410	1710	2	4	SW	0	5	2	2	0	0
26/09/2023	1	AM	1410	1710	3	3	SSW	2	5	2	2	0	0
27/09/2023	2	AM	0900	1200	1	2	ESE	0	7	2	2	0	0
27/09/2023	2	AM	0900	1200	2	3	ESE	0	8	2	2	0	0
27/09/2023	2	AM	0900	1200	3	3	ESE	0	8	2	2	0	0
27/09/2023	2	AM	1230	1530	1	3	ESE	2	8	2	2	0	0
27/09/2023	2	AM	1230	1530	2	3	ESE	4	8	2	2	0	0
27/09/2023	2	AM	1230	1530	3	3	ESE	4	8	2	2	0	0
29/09/2023	4	AM	1040	1340	1	5	WSW	0	6	2	2	0	0
29/09/2023	4	AM	1040	1340	2	5	WSW	0	6	2	2	0	0
29/09/2023	4	AM	1040	1340	3	5	W	0	6	2	2	0	0
29/09/2023	4	AM	1410	1710	1	5	W	0	5	2	2	0	0
29/09/2023	4	AM	1410	1710	2	5	W	0	5	2	2	0	0
29/09/2023	4	AM	1410	1710	3	5	W	0	4	2	2	0	0
03/10/2023	4	JB	0900	1200	1	3	E	1	8	1	2	0	0
03/10/2023	4	JB	0900	1200	2	2	E	0	8	1	2	0	0
03/10/2023	4	JB	0900	1200	3	3	E	2	8	1	2	0	0
03/10/2023	1	JRM	0940	1240	1	4	W	4	8	1	1	0	0
03/10/2023	1	JRM	0940	1240	2	3	W	3	8	2	2	0	0
03/10/2023	1	JRM	0940	1240	3	4	W	0	7	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
03/10/2023	4	JB	1230	1530	1	2	E	0	4	1	2	0	0
03/10/2023	4	JB	1230	1530	2	4	E	0	3	1	2	0	0
03/10/2023	4	JB	1230	1530	3	2	E	1	6	1	2	0	0
03/10/2023	1	JRM	1310	1610	1	4	W	0	6	2	2	0	0
03/10/2023	1	JRM	1310	1610	2	3	W	0	7	2	2	0	0
03/10/2023	1	JRM	1310	1610	3	3	W	2	8	2	2	0	0
18/10/2023	3	JRM	1020	1320	1	5	E	0	8	2	2	0	0
18/10/2023	3	JRM	1020	1320	2	5	E	0	8	2	2	0	0
18/10/2023	3	JRM	1020	1320	3	6	E	0	8	2	2	0	0
18/10/2023	3	JRM	1350	1650	1	6	E	0	7	2	2	0	0
18/10/2023	3	JRM	1350	1650	2	7	E	0	7	2	2	0	0
18/10/2023	3	JRM	1350	1650	3	7	E	0	6	2	2	0	0
24/10/2023	2	JRM	1010	1310	1	3	E	2	8	2	2	0	0
24/10/2023	2	JRM	1010	1310	2	4	E	0	8	2	2	0	0
24/10/2023	2	JRM	1010	1310	3	4	E	0	8	2	2	0	0
24/10/2023	2	JRM	1340	1640	1	4	E	0	8	2	2	0	0
24/10/2023	2	JRM	1340	1640	2	3	E	2	8	2	2	0	0
24/10/2023	2	JRM	1340	1640	3	2	ENE	0	7	2	2	0	0
02/11/2023	1	JRM	0720	1020	1	2	ENE	0	4	2	2	0	0
02/11/2023	1	JRM	0720	1020	2	2	ENE	0	6	2	2	0	0
02/11/2023	1	JRM	0720	1020	3	3	E	0	7	2	2	0	0
02/11/2023	4	JB	0900	1200	1	1	S	0	6	1	2	0	0
02/11/2023	4	JB	0900	1200	2	1	S	0	7	2	2	0	0
02/11/2023	4	JB	0900	1200	3	1	S	1	8	2	2	0	0
02/11/2023	1	JRM	1050	1350	1	2	N	2	7	2	2	0	0
02/11/2023	1	JRM	1050	1350	2	2	N	0	8	2	2	0	0
02/11/2023	1	JRM	1050	1350	3	2	N	1	8	1	1	0	0
02/11/2023	4	JB	1230	1530	1	1	S	0	6	2	2	0	0
02/11/2023	4	JB	1230	1530	2	1	S	1	8	1	2	0	0
02/11/2023	4	JB	1230	1530	3	2	S	0	8	1	2	0	0
15/11/2023	3	MW	0800	1100	1	3	NE	3	8	2	2	0	0
15/11/2023	3	MW	0800	1100	2	3	NE	0	8	2	2	0	0
15/11/2023	3	MW	0800	1100	3	3	ENE	4	8	2	2	0	0
15/11/2023	2	JRM	1015	1315	1	2	NE	3	8	2	2	0	0
15/11/2023	2	JRM	1015	1315	2	2	ENE	2	8	2	2	0	0
15/11/2023	2	JRM	1015	1315	3	2	E	2	8	2	2	0	0
15/11/2023	3	MW	1130	1430	1	3	ENE	3	8	2	2	0	0
15/11/2023	3	MW	1130	1430	2	3	ENE	0	8	2	2	0	0
15/11/2023	3	MW	1130	1430	3	3	ENE	2	8	2	2	0	0
15/11/2023	2	JRM	1345	1645	1	2	ESE	3	8	2	2	0	0
15/11/2023	2	JRM	1345	1645	2	1	VAR	2	8	2	2	0	0
15/11/2023	2	JRM	1345	1645	3	1	VAR	2	8	2	2	0	0
04/12/2023	3	JRM	0845	1145	1	3	NE	0	8	1	2	2	1
04/12/2023	3	JRM	0845	1145	2	3	NE	0	8	1	2	2	1



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
04/12/2023	3	JRM	0845	1145	3	4	NE	0	6	2	2	2	1
04/12/2023	3	JRM	1215	1515	1	5	NE	0	7	2	2	2	1
04/12/2023	3	JRM	1215	1515	2	6	NE	0	8	2	2	2	1
04/12/2023	3	JRM	1215	1515	3	6	NE	2	8	2	2	2	1
05/12/2023	1	JRM	0825	1125	1	2	ENE	0	6	2	2	1	0
05/12/2023	1	JRM	0825	1125	2	2	ENE	0	4	2	2	0	0
05/12/2023	1	JRM	0825	1125	3	2	ENE	0	2	2	2	0	0
05/12/2023	1	JRM	1155	1455	1	2	ENE	0	4	2	2	0	0
05/12/2023	1	JRM	1155	1455	2	2	ENE	0	4	2	2	0	0
05/12/2023	1	JRM	1155	1455	3	2	ENE	0	3	2	2	0	0
06/12/2023	2	JRM	0835	1135	1	5	E	0	2	2	2	0	0
06/12/2023	2	JRM	0835	1135	2	5	ESE	0	2	2	2	0	0
06/12/2023	2	JRM	0835	1135	3	4	ESE	0	3	2	2	0	0
06/12/2023	2	JRM	1205	1505	1	4	ESE	0	3	2	2	0	0
06/12/2023	2	JRM	1205	1505	2	4	ESE	0	2	2	2	0	0
06/12/2023	2	JRM	1205	1505	3	4	ESE	0	2	2	2	0	0
12/12/2023	4	EB	0900	1200	1	2	ENE	0	8	2	2	0	0
12/12/2023	4	EB	0900	1200	2	2	ENE	1	8	1	2	0	0
12/12/2023	4	EB	0900	1200	3	2	E	2	8	2	2	0	0
12/12/2023	4	EB	1230	1530	1	2	E	1	8	2	2	0	0
12/12/2023	4	EB	1230	1530	2	2	E	1	8	2	2	0	0
12/12/2023	4	EB	1230	1530	3	2	E	2	8	1	2	0	0
17/01/2024	2	JB	0950	1250	1	1	SW	0	1	2	2	2	2
17/01/2024	2	JB	0950	1250	2	1	SW	0	1	2	2	2	2
17/01/2024	2	JB	0950	1250	3	1	SW	0	1	2	2	2	2
17/01/2024	2	JB	1320	1520	1	1	SW	0	2	2	2	2	2
17/01/2024	2	JB	1320	1520	2	1	SW	0	2	2	2	2	2
22/01/2024	3	JRM	0840	1140	1	8	WSW	2	6	2	2	0	0
22/01/2024	3	JRM	0840	1140	2	8	WSW	2	7	2	2	0	0
22/01/2024	3	JRM	0840	1140	3	8	WSW	3	7	2	2	0	0
22/01/2024	3	JRM	1210	1510	1	8	WSW	2	7	2	2	0	0
22/01/2024	3	JRM	1210	1510	2	8	W	0	5	2	2	0	0
22/01/2024	3	JRM	1210	1510	3	8	W	2	6	2	2	0	0
23/01/2024	4	JRM	0825	1125	1	5	SSE	3	8	2	2	0	0
23/01/2024	4	JRM	0825	1125	2	5	SSE	3	8	2	2	0	0
23/01/2024	4	JRM	0825	1125	3	5	S	3	8	2	2	0	0
23/01/2024	4	JRM	1155	1455	1	5	SE	4	8	1	1	0	0
23/01/2024	4	JRM	1155	1455	2	4	SW	4	8	1	1	0	0
23/01/2024	4	JRM	1155	1455	3	4	SW	4	8	1	1	0	0
24/01/2024	1	JRM	0945	1245	1	5	W	0	5	2	2	0	0
24/01/2024	1	JRM	0945	1245	2	4	W	0	4	2	2	0	0
24/01/2024	1	JRM	0945	1245	3	5	W	0	4	2	2	0	0
24/01/2024	1	JRM	1315	1615	1	5	W	0	6	2	2	0	0
24/01/2024	1	JRM	1315	1615	2	5	W	0	6	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
24/01/2024	1	JRM	1315	1615	3	4	W	0	6	2	2	0	0
25/01/2024	2	JRM	1355	1455	1	4	SSW	2	8	1	2	0	0
12/02/2024	1	JRM	0810	1110	1	3	WSW	0	7	2	2	0	0
12/02/2024	1	JRM	0810	1110	2	3	WSW	0	5	2	2	0	0
12/02/2024	1	JRM	0810	1110	3	3	WSW	0	4	2	2	0	0
12/02/2024	2	MW	0830	1130	1	5	SSE	0	6	2	2	0	0
12/02/2024	2	MW	0830	1130	2	5	SSE	0	6	2	2	0	0
12/02/2024	2	MW	0830	1130	3	5	SSE	0	5	2	2	0	0
12/02/2024	1	JRM	1140	1440	1	4	SW	0	4	2	2	0	0
12/02/2024	1	JRM	1140	1440	2	4	SW	0	5	2	2	0	0
12/02/2024	1	JRM	1140	1440	3	3	SW	0	6	2	2	0	0
12/02/2024	2	MW	1200	1500	1	6	SSE	0	5	2	2	0	0
12/02/2024	2	MW	1200	1500	2	6	SSE	0	6	2	2	0	0
12/02/2024	2	MW	1200	1500	3	6	SSE	0	6	2	2	0	0
13/02/2024	3	MW	0730	1030	1	5	S	0	8	2	2	0	0
13/02/2024	3	MW	0730	1030	2	5	S	0	6	2	2	0	0
13/02/2024	3	MW	0730	1030	3	6	S	0	6	2	2	0	0
13/02/2024	3	MW	1100	1400	1	6	S	0	5	2	2	0	0
13/02/2024	3	MW	1100	1400	2	6	S	0	4	2	2	0	0
13/02/2024	3	MW	1100	1400	3	6	S	0	4	2	2	0	0
26/02/2024	4	JRM	0945	1245	1	1	WNW	0	0	2	2	1	0
26/02/2024	4	JRM	0945	1245	2	1	NW	0	1	2	2	0	0
26/02/2024	4	JRM	0945	1245	3	2	N	0	2	2	2	0	0
26/02/2024	4	JRM	1315	1615	1	2	NNW	0	2	2	2	0	0
26/02/2024	4	JRM	1315	1615	2	2	WNW	0	4	2	2	0	0
26/02/2024	4	JRM	1315	1615	3	1	W	0	3	2	2	0	0
15/04/2024	4	LS	0850	1150	1	4	W	3	8	2	2	0	0
15/04/2024	4	LS	0850	1150	2	4	W	3	8	2	2	0	0
15/04/2024	4	LS	0850	1150	3	5	W	0	6	2	2	0	0
15/04/2024	4	LS	1220	1520	1	6	W	0	5	2	2	0	0
15/04/2024	4	LS	1220	1520	2	6	W	0	6	2	2	0	0
15/04/2024	4	LS	1220	1520	3	5	W	3	7	2	2	0	0
18/04/2024	1	JRM	0800	1100	1	3	SW	2	8	2	2	0	0
18/04/2024	1	JRM	0800	1100	2	3	SW	2	8	1	2	0	0
18/04/2024	1	JRM	0800	1100	3	3	SW	2	8	2	2	0	0
19/04/2024	1	JRM	0700	1000	1	3	NW	0	3	2	2	0	0
19/04/2024	1	JRM	0700	1000	2	4	NW	0	5	2	2	0	0
19/04/2024	1	JRM	0700	1000	3	4	NW	0	3	2	2	0	0
24/04/2024	3	LS	0935	1235	1	2	N	0	3	2	2	0	0
24/04/2024	3	LS	0935	1235	2	2	N	0	3	2	2	0	0
24/04/2024	3	LS	0935	1235	3	2	N	0	3	2	2	0	0
24/04/2024	2	EB	0940	1240	1	3	N	0	3	2	2	0	0
24/04/2024	2	EB	0940	1240	2	3	N	0	3	2	2	0	0
24/04/2024	2	EB	0940	1240	3	3	N	0	2	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
24/04/2024	3	LS	1305	1605	1	2	N	0	3	2	2	0	0
24/04/2024	3	LS	1305	1605	2	2	N	0	3	2	2	0	0
24/04/2024	3	LS	1305	1605	3	2	N	0	3	2	2	0	0
24/04/2024	2	EB	1310	1610	1	2	N	0	1	2	2	0	0
24/04/2024	2	EB	1310	1610	2	3	N	0	1	2	2	0	0
24/04/2024	2	EB	1310	1610	3	3	N	0	2	2	2	0	0
10/05/2024	1	JRM	0640	0940	1	2	SE	0	4	2	2	0	0
10/05/2024	1	JRM	0640	0940	2	2	SSE	0	3	2	2	0	0
10/05/2024	1	JRM	0640	0940	3	2	S	0	3	2	2	0	0
17/05/2024	1	JRM	0600	0900	1	4	ENE	0	5	2	2	0	0
17/05/2024	1	JRM	0600	0900	2	4	ENE	0	6	2	2	0	0
17/05/2024	1	JRM	0600	0900	3	3	ENE	0	7	2	2	0	0
07/06/2024	1	AM	0930	1230	1	4	W	3	7	2	2	0	0
07/06/2024	1	AM	0930	1230	2	5	W	0	7	2	2	0	0
07/06/2024	1	AM	0930	1230	3	4	W	0	7	2	2	0	0
07/06/2024	1	AM	1300	1600	1	4	W	3	6	2	2	0	0
07/06/2024	1	AM	1300	1600	2	4	W	0	5	2	2	0	0
07/06/2024	1	AM	1300	1600	3	4	W	0	4	2	2	0	0
08/06/2024	3	AM	1030	1330	1	4	WNW	0	5	2	2	0	0
08/06/2024	3	AM	1030	1330	2	4	WNW	3	5	2	2	0	0
08/06/2024	3	AM	1030	1330	3	4	WNW	2	5	2	2	0	0
08/06/2024	3	AM	1400	1700	1	5	WNW	0	5	2	2	0	0
08/06/2024	3	AM	1400	1700	2	5	WNW	0	5	2	2	0	0
08/06/2024	3	AM	1400	1700	3	5	WNW	0	5	2	2	0	0
21/06/2024	2	AM	0950	1250	1	4	SSE	0	7	2	2	0	0
21/06/2024	2	AM	0950	1250	2	4	S	0	7	2	2	0	0
21/06/2024	2	AM	0950	1250	3	4	S	0	7	2	2	0	0
21/06/2024	2	AM	1320	1620	1	4	S	0	8	2	2	0	0
21/06/2024	2	AM	1320	1620	2	4	S	2	8	2	2	0	0
21/06/2024	2	AM	1320	1620	3	4	S	0	7	2	2	0	0
22/06/2024	4	AM	0830	1130	1	3	WSW	0	7	2	2	0	0
22/06/2024	4	AM	0830	1130	2	3	WSW	0	7	2	2	0	0
22/06/2024	4	AM	0830	1130	3	3	WSW	0	7	2	2	0	0
22/06/2024	4	AM	1200	1500	1	3	WSW	0	7	2	2	0	0
22/06/2024	4	AM	1200	1500	2	3	WSW	0	7	2	2	0	0
22/06/2024	4	AM	1200	1500	3	3	WSW	0	7	2	2	0	0
13/07/2024	1	AM	1045	1345	1	2	NE	0	8	2	2	0	0
13/07/2024	1	AM	1045	1345	2	3	NE	1	8	2	2	0	0
13/07/2024	1	AM	1045	1345	3	3	NE	1	8	2	2	0	0
13/07/2024	1	AM	1415	1715	1	2	NE	0	8	2	2	0	0
13/07/2024	1	AM	1415	1715	2	1	ESE	0	8	2	2	0	0
13/07/2024	1	AM	1415	1715	3	1	ESE	2	8	2	2	0	0
14/07/2024	3	AM	1015	1315	1	1	W	0	8	2	2	0	0
14/07/2024	3	AM	1015	1315	2	2	W	0	7	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
14/07/2024	3	AM	1015	1315	3	2	W	0	7	2	2	0	0
14/07/2024	3	AM	1345	1645	1	2	W	2	7	2	2	0	0
14/07/2024	3	AM	1345	1645	2	2	W	0	7	2	2	0	0
14/07/2024	3	AM	1345	1645	3	2	W	0	7	2	2	0	0
20/07/2024	2	AM	0945	1245	1	3	S	0	7	2	2	0	0
20/07/2024	2	AM	0945	1245	2	3	S	0	7	2	2	0	0
20/07/2024	2	AM	0945	1245	3	2	S	0	7	2	2	0	0
20/07/2024	2	AM	1315	1615	1	2	SSW	2	8	2	2	0	0
20/07/2024	2	AM	1315	1615	2	2	SSW	3	8	2	2	0	0
20/07/2024	2	AM	1315	1615	3	2	WSW	4	8	2	2	0	0
22/07/2024	4	AM	1050	1350	1	2	NNE	3	7	2	2	0	0
22/07/2024	4	AM	1050	1350	2	2	NNE	1	7	2	2	0	0
22/07/2024	4	AM	1050	1350	3	1	WNW	2	7	2	2	0	0
22/07/2024	4	AM	1420	1720	1	2	WNW	0	7	2	2	0	0
22/07/2024	4	AM	1420	1720	2	2	WNW	0	7	2	2	0	0
22/07/2024	4	AM	1420	1720	3	2	WNW	0	7	2	2	0	0
24/07/2024	4	AM	0945	1245	1	3	S	0	8	2	2	0	0
24/07/2024	4	AM	0945	1245	2	3	SSE	0	7	2	2	0	0
24/07/2024	4	AM	0945	1245	3	3	SSE	0	7	2	2	0	0
24/07/2024	4	AM	1315	1615	1	3	SSE	0	7	2	2	0	0
24/07/2024	4	AM	1315	1615	2	3	SSE	0	7	2	2	0	0
24/07/2024	4	AM	1315	1615	3	3	SSE	1	8	2	2	0	0
27/07/2024	3	AM	1040	1340	1	2	WNW	2	7	2	2	0	0
27/07/2024	3	AM	1040	1340	2	3	WNW	3	7	2	2	0	0
27/07/2024	3	AM	1040	1340	3	3	W	0	7	2	2	0	0
27/07/2024	3	AM	1410	1710	1	3	W	0	5	2	2	0	0
27/07/2024	3	AM	1410	1710	2	3	W	0	4	2	2	0	0
27/07/2024	3	AM	1410	1710	3	3	W	0	4	2	2	0	0
30/07/2024	1	AM	1500	1800	1	4	WNW	0	4	2	2	0	0
30/07/2024	1	AM	1500	1800	2	4	WNW	0	4	2	2	0	0
30/07/2024	1	AM	1500	1800	3	3	NW	0	4	2	2	0	0
30/07/2024	1	AM	1830	2130	1	3	NW	0	3	2	2	0	0
30/07/2024	1	AM	1830	2130	2	2	NW	0	4	2	2	0	0
30/07/2024	1	AM	1830	2130	3	1	NW	0	3	2	2	0	0
31/07/2024	2	AM	1000	1300	1	1	NNE	0	4	2	2	0	0
31/07/2024	2	AM	1000	1300	2	2	NW	0	4	2	2	0	0
31/07/2024	2	AM	1000	1300	3	2	NW	0	3	2	2	0	0
31/07/2024	2	AM	1330	1630	1	2	WNW	0	4	2	2	0	0
31/07/2024	2	AM	1330	1630	2	2	WNW	0	4	2	2	0	0
31/07/2024	2	AM	1330	1630	3	3	WNW	0	4	2	2	0	0
07/08/2024	2	AM	1015	1315	1	4	SW	2	7	2	2	0	0
07/08/2024	2	AM	1015	1315	2	4	SW	3	7	2	2	0	0
07/08/2024	2	AM	1015	1315	3	4	SW	0	7	2	2	0	0
07/08/2024	2	AM	1345	1645	1	4	WSW	0	6	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
07/08/2024	2	AM	1345	1645	2	4	WSW	0	6	2	2	0	0
07/08/2024	2	AM	1345	1645	3	4	WSW	0	6	2	2	0	0
11/08/2024	3	AM	1030	1330	1	2	ESE	0	4	2	2	0	0
11/08/2024	3	AM	1030	1330	2	3	SSE	0	5	2	2	0	0
11/08/2024	3	AM	1030	1330	3	3	SSE	0	5	2	2	0	0
11/08/2024	3	AM	1400	1700	1	3	SSE	0	5	2	2	0	0
11/08/2024	3	AM	1400	1700	2	3	SSE	0	5	2	2	0	0
11/08/2024	3	AM	1400	1700	3	4	SSE	0	4	2	2	0	0
12/08/2024	4	AM	1045	1345	1	3	WSW	0	7	2	2	0	0
12/08/2024	4	AM	1045	1345	2	3	WSW	0	5	2	2	0	0
12/08/2024	4	AM	1045	1345	3	4	W	0	5	2	2	0	0
12/08/2024	4	AM	1415	1715	1	4	WSW	0	5	2	2	0	0
12/08/2024	4	AM	1415	1715	2	3	WSW	0	5	2	2	0	0
12/08/2024	4	AM	1415	1715	3	3	WSW	0	5	2	2	0	0
13/08/2024	2	AM	1010	1310	1	4	SSE	3	7	2	2	0	0
13/08/2024	2	AM	1010	1310	2	5	SSE	3	7	2	2	0	0
13/08/2024	2	AM	1010	1310	3	4	SSW	2	7	2	2	0	0
13/08/2024	2	AM	1340	1640	1	4	SSW	4	8	1	1	0	0
13/08/2024	2	AM	1340	1640	2	4	WSW	3	7	2	2	0	0
13/08/2024	2	AM	1340	1640	3	3	WSW	2	7	2	2	0	0
22/08/2024	1	AM	1040	1340	1	4	W	0	5	2	2	0	0
22/08/2024	1	AM	1040	1340	2	4	W	0	6	2	2	0	0
22/08/2024	1	AM	1040	1340	3	4	W	0	7	2	2	0	0
22/08/2024	1	AM	1410	1710	1	4	WSW	0	5	2	2	0	0
22/08/2024	1	AM	1410	1710	2	4	WSW	0	6	2	2	0	0
22/08/2024	1	AM	1410	1710	3	3	WSW	0	7	2	2	0	0
24/08/2024	3	AM	0945	1245	1	4	WSW	3	6	2	2	0	0
24/08/2024	3	AM	0945	1245	2	4	WSW	2	5	2	2	0	0
24/08/2024	3	AM	0945	1245	3	4	WSW	0	6	2	2	0	0
24/08/2024	3	AM	1315	1615	1	4	WSW	2	6	2	2	0	0
24/08/2024	3	AM	1315	1615	2	4	WSW	0	7	2	2	0	0
24/08/2024	3	AM	1315	1615	3	4	WSW	2	6	2	2	0	0
26/08/2024	4	AM	0750	1050	1	3	SW	2	7	2	2	0	0
26/08/2024	4	AM	0750	1050	2	3	SW	2	7	2	2	0	0
26/08/2024	4	AM	0750	1050	3	3	SW	2	7	2	2	0	0
26/08/2024	4	AM	1120	1420	1	3	SW	2	6	2	2	0	0
26/08/2024	4	AM	1120	1420	2	3	SW	0	6	2	2	0	0
26/08/2024	4	AM	1120	1420	3	3	SW	0	6	2	2	0	0
04/09/2024	1	JRM	1345	1645	1	2	N	0	6	2	2	0	0
04/09/2024	1	JRM	1345	1645	2	2	N	0	6	2	2	0	0
04/09/2024	1	JRM	1345	1645	3	2	N	0	6	2	2	0	0
04/09/2024	1	JRM	1715	2015	1	1	N	0	6	2	2	0	0
04/09/2024	1	JRM	1715	2015	2	1	N	0	5	2	2	0	0
04/09/2024	1	JRM	1715	2015	3	2	ENE	0	4	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
06/09/2024	5	JRM	1000	1300	1	4	ENE	0	0	2	2	0	0
06/09/2024	5	JRM	1000	1300	2	3	ENE	0	0	2	2	0	0
06/09/2024	5	JRM	1000	1300	3	5	NE	0	0	2	2	0	0
06/09/2024	5	JRM	1330	1630	1	5	NE	0	0	2	2	0	0
06/09/2024	5	JRM	1330	1630	2	5	NE	0	0	2	2	0	0
06/09/2024	5	JRM	1330	1630	3	4	NE	0	0	2	2	0	0
20/09/2024	4	JRM	0920	1220	1	3	E	0	2	2	2	0	0
20/09/2024	4	JRM	0920	1220	2	3	E	0	5	2	2	0	0
20/09/2024	4	JRM	0920	1220	3	3	ESE	0	4	2	2	0	0
20/09/2024	4	JRM	1250	1550	1	3	ESE	0	2	2	2	0	0
20/09/2024	4	JRM	1250	1550	2	3	E	0	2	2	2	0	0
20/09/2024	4	JRM	1250	1550	3	2	ESE	0	3	2	2	0	0
23/09/2024	2	JRM	0900	1030	1	2	NNE	1	8	0	1	0	0
23/09/2024	2	JRM	0900	1030	2	2	NNE	1	8	0	1	0	0
25/09/2024	2	JRM	0830	1130	1	2	E	0	0	2	2	0	0
25/09/2024	2	JRM	0830	1130	2	2	ESE	0	1	2	2	0	0
25/09/2024	2	JRM	0830	1130	3	2	E	0	2	2	2	0	0
25/09/2024	2	JRM	1200	1330	1	2	E	0	3	2	2	0	0
25/09/2024	2	JRM	1200	1330	2	2	E	0	4	2	2	0	0
07/10/2024	5	JRM	1045	1345	1	2	SSE	0	8	2	2	0	0
07/10/2024	5	JRM	1045	1345	2	3	SSE	0	8	2	2	0	0
07/10/2024	5	JRM	1045	1345	3	3	SSE	4	8	2	2	0	0
07/10/2024	5	JRM	1415	1715	1	2	SSE	3	7	2	2	0	0
07/10/2024	5	JRM	1415	1715	2	2	SSE	0	8	2	2	0	0
07/10/2024	5	JRM	1415	1715	3	2	SE	3	7	2	2	0	0
15/10/2024	1	JRM	1155	1455	1	4	SE	0	8	2	2	0	0
15/10/2024	1	JRM	1155	1455	2	4	SE	0	8	2	2	0	0
15/10/2024	1	JRM	1155	1455	3	3	SE	2	8	1	2	0	0
15/10/2024	1	JRM	1525	1825	1	3	SE	1	8	1	2	0	0
15/10/2024	1	JRM	1525	1825	2	3	SE	1	8	1	2	0	0
15/10/2024	1	JRM	1525	1825	3	2	SE	1	8	1	1	0	0
16/10/2024	2	JRM	1130	1430	1	3	SSE	0	8	2	2	0	0
16/10/2024	2	JRM	1130	1430	2	3	SE	0	8	2	2	0	0
16/10/2024	2	JRM	1130	1430	3	3	SE	0	8	2	2	0	0
16/10/2024	2	JRM	1500	1800	1	2	SE	2	8	2	2	0	0
16/10/2024	2	JRM	1500	1800	2	2	SE	2	8	2	2	0	0
16/10/2024	2	JRM	1500	1800	3	2	SE	3	8	2	2	0	0
18/10/2024	4	JRM	0950	1250	1	4	S	0	8	2	2	0	0
18/10/2024	4	JRM	0950	1250	2	4	S	0	8	2	2	0	0
18/10/2024	4	JRM	0950	1250	3	4	S	2	8	2	2	0	0
18/10/2024	4	JRM	1320	1620	1	5	S	3	8	2	2	0	0
18/10/2024	4	JRM	1320	1620	2	5	S	2	8	2	2	0	0
18/10/2024	4	JRM	1320	1620	3	4	SSE	2	8	2	2	0	0
05/11/2024	2	JRM	1000	1300	1	2	SSE	0	7	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
05/11/2024	2	JRM	1000	1300	2	2	S	0	8	2	2	0	0
05/11/2024	2	JRM	1000	1300	3	2	S	0	8	2	2	0	0
05/11/2024	2	JRM	1330	1630	1	2	SSE	0	8	2	2	0	0
05/11/2024	2	JRM	1330	1630	2	2	SSE	0	8	2	2	0	0
05/11/2024	2	JRM	1330	1630	3	2	SSE	0	8	2	2	0	0
12/11/2024	1	JRM	0945	1245	1	1	VAR	0	5	2	2	0	0
12/11/2024	1	JRM	0945	1245	2	1	W	0	3	2	2	0	0
12/11/2024	1	JRM	0945	1245	3	1	W	0	3	2	2	0	0
12/11/2024	1	JRM	1315	1615	1	1	WNW	0	2	2	2	0	0
12/11/2024	1	JRM	1315	1615	2	2	SW	0	2	2	2	0	0
12/11/2024	1	JRM	1315	1615	3	2	SW	0	3	2	2	0	0
14/11/2024	4	JRM	1010	1310	1	2	W	1	8	0	1	0	0
14/11/2024	4	JRM	1010	1310	2	2	W	0	6	2	2	0	0
14/11/2024	4	JRM	1010	1310	3	2	W	0	7	2	2	0	0
14/11/2024	4	JRM	1340	1425	1	2	W	0	8	2	2	0	0
15/11/2024	5	JRM	1000	1300	1	2	WSW	2	8	0	1	0	0
15/11/2024	5	JRM	1000	1300	2	2	WSW	1	8	1	2	0	0
15/11/2024	5	JRM	1000	1300	3	4	WSW	0	8	2	2	0	0
15/11/2024	5	JRM	1330	1615	1	4	WSW	1	8	2	2	0	0
15/11/2024	5	JRM	1330	1615	2	3	WSW	2	8	0	1	0	0
15/11/2024	5	JRM	1330	1615	3	3	WSW	2	8	0	1	0	0
19/11/2024	2	JRM	0930	1230	1	1	NNW	0	8	2	2	2	0
19/11/2024	2	JRM	0930	1230	2	2	WNW	0	7	2	2	2	0
19/11/2024	2	JRM	0930	1230	3	2	WNW	0	7	2	2	2	0
19/11/2024	1	JRM	1300	1600	1	1	WNW	0	4	2	2	2	0
19/11/2024	1	JRM	1300	1600	2	1	WNW	0	2	2	2	2	0
19/11/2024	1	JRM	1300	1600	3	1	WNW	0	2	2	2	2	0
21/11/2024	5	JB	0920	1220	1	2	WSW	0	4	2	2	2	0
21/11/2024	5	JB	0920	1220	2	4	WSW	0	2	2	2	2	0
21/11/2024	5	JB	0920	1220	3	4	WSW	0	4	2	2	2	0
21/11/2024	5	JB	1250	1450	1	4	WSW	0	6	2	2	2	0
21/11/2024	5	JB	1250	1450	2	4	WSW	0	4	2	2	1	0
22/11/2024	4	JB	0905	1205	1	1	S	0	7	2	2	2	1
22/11/2024	4	JB	0905	1205	2	1	S	0	5	1	2	2	2
22/11/2024	4	JB	0905	1205	3	1	SW	0	6	2	2	2	2
22/11/2024	4	JB	1235	1335	1	1	SW	0	6	1	2	2	2
03/12/2024	2	JRM	0930	1230	1	4	SSE	0	4	2	2	1	0
03/12/2024	2	JRM	0930	1230	2	4	SSE	0	4	2	2	1	0
03/12/2024	2	JRM	0930	1230	3	4	SSE	0	3	2	2	0	0
03/12/2024	1	JRM	1300	1600	1	3	SSE	0	3	2	2	0	0
03/12/2024	1	JRM	1300	1600	2	4	SSE	0	3	2	2	0	0
03/12/2024	1	JRM	1300	1600	3	4	SSE	2	7	2	2	0	0
04/12/2024	5	JRM	1100	1300	1	4	SE	0	8	2	2	0	0
04/12/2024	5	JRM	1100	1300	2	5	SE	0	8	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
11/12/2024	4	JB	0930	1230	1	1	WNW	0	8	1	2	0	0
11/12/2024	4	JB	0930	1230	2	1	WNW	0	8	1	2	0	0
11/12/2024	4	JB	0930	1230	3	1	WNW	0	8	1	2	0	0
11/12/2024	4	JB	1300	1500	1	1	WNW	0	8	1	2	0	0
11/12/2024	4	JB	1300	1500	2	1	WNW	0	8	1	2	0	0
14/01/2025	1	JRM	1000	1300	1	3	WSW	0	6	2	2	0	0
14/01/2025	1	JRM	1000	1300	2	3	WSW	0	6	2	2	0	0
14/01/2025	1	JRM	1000	1300	3	3	WSW	0	7	2	2	0	0
14/01/2025	1	JRM	1330	1630	1	3	WSW	0	6	2	2	0	0
14/01/2025	1	JRM	1330	1630	2	3	SW	0	5	2	2	0	0
14/01/2025	1	JRM	1330	1630	3	3	SSE	0	5	2	2	0	0
15/01/2025	4	ENS	0830	1130	1	0	-	0	1	2	2	0	0
15/01/2025	4	ENS	0830	1130	2	1	S	0	1	2	2	0	0
15/01/2025	4	ENS	0830	1130	3	1	S	0	1	2	2	0	0
15/01/2025	4	ENS	1200	1500	1	1	S	0	1	2	2	0	0
15/01/2025	4	ENS	1200	1500	2	1	S	0	1	2	2	0	0
15/01/2025	4	ENS	1200	1500	3	1	S	0	1	2	2	0	0
31/01/2025	5	TH	0845	1145	1	2	NW	0	8	2	2	0	0
31/01/2025	5	TH	0845	1145	2	1	NW	0	8	2	2	0	0
31/01/2025	5	TH	0845	1145	3	1	NW	0	6	2	2	0	0
31/01/2025	2	TL	0915	1215	1	2	NE	0	7	2	2	0	0
31/01/2025	2	TL	0915	1215	2	2	NE	0	8	2	2	0	0
31/01/2025	2	TL	0915	1215	3	1	NE	0	1	2	2	0	0
31/01/2025	5	TH	1215	1515	1	1	NW	0	6	2	2	0	0
31/01/2025	5	TH	1215	1515	2	1	NW	0	6	2	2	0	0
31/01/2025	5	TH	1215	1515	3	1	NW	0	5	2	2	0	0
31/01/2025	2	TL	1245	1545	1	2	NE	0	6	2	2	0	0
31/01/2025	2	TL	1245	1545	2	1	NE	0	4	2	2	0	0
31/01/2025	2	TL	1245	1545	3	2	NE	0	4	2	2	0	0
10/02/2025	1	JRM	1045	1345	1	5	ENE	0	5	2	2	0	0
10/02/2025	1	JRM	1045	1345	2	5	ENE	2	8	2	2	0	0
10/02/2025	1	JRM	1045	1345	3	4	ENE	0	7	2	2	0	0
10/02/2025	1	JRM	1415	1715	1	4	ENE	0	7	2	2	0	0
10/02/2025	1	JRM	1415	1715	2	4	ENE	2	8	2	2	0	0
10/02/2025	1	JRM	1415	1715	3	4	ENE	2	6	2	2	0	0
11/02/2025	2	JRM	1030	1330	1	4	E	2	8	2	2	0	0
11/02/2025	2	JRM	1030	1330	2	4	E	0	8	2	2	0	0
11/02/2025	2	JRM	1030	1330	3	4	E	0	8	2	2	0	0
11/02/2025	2	JRM	1400	1700	1	5	E	0	8	2	2	0	0
11/02/2025	2	JRM	1400	1700	2	5	E	0	7	2	2	0	0
11/02/2025	2	JRM	1400	1700	3	4	E	0	7	2	2	0	0
13/02/2025	5	JRM	1045	1345	1	4	ESE	0	8	2	2	0	0
13/02/2025	5	JRM	1045	1345	2	4	ESE	0	8	2	2	0	0
13/02/2025	5	JRM	1045	1345	3	4	ESE	0	8	2	2	0	0



Date	VP	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
13/02/2025	5	JRM	1415	1715	1	4	ESE	0	8	2	2	0	0
13/02/2025	5	JRM	1415	1715	2	4	ESE	0	8	2	2	0	0
13/02/2025	5	JRM	1415	1715	3	4	ESE	0	8	2	2	0	0
18/02/2025	4	LW	0840	1140	1	4	SE	0	7	2	2	0	0
18/02/2025	4	LW	0840	1140	2	3	SE	0	6	2	2	0	0
18/02/2025	4	LW	0840	1140	3	3	ESE	1	6	2	2	0	0
18/02/2025	4	LW	1210	1510	1	4	SE	0	4	2	2	0	0
18/02/2025	4	LW	1210	1510	2	3	SE	0	4	2	2	0	0
18/02/2025	4	LW	1210	1510	3	3	SE	0	4	2	2	0	0

A.2 Black Grouse Surveys

Table A-4 details survey dates and weather data recorded. Refer to Annex B for survey results.

Table A-4: Meteorological Conditions During Black Grouse Surveys (Sorted Chronologically)

Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
25/04/2023	1	JRM	2000	2130	1	2	W	0	2	2	2	0	0
25/04/2023	1	JRM	2000	2130	2	2	W	0	2	2	2	0	0
28/04/2023	1	JRM	0430	0730	1	1	E	1	8	1	1	0	0
28/04/2023	1	JRM	0430	0730	2	1	SW	0	8	1	1	0	0
28/04/2023	1	JRM	0430	0730	3	2	VAR	2	8	1	1	0	0
12/05/2023	2	EB	0420	0650	1	2	NNW	0	8	2	2	0	0
12/05/2023	2	ENS	0420	0650	1	1	ENE	1	8	2	2	0	0
12/05/2023	2	HEC	0420	0650	1	2	SW	0	8	1	2	0	0
12/05/2023	2	JB	0420	0650	1	1	S	0	8	2	2	0	0
12/05/2023	2	EB	0420	0650	2	3	NNE	0	8	2	2	0	0
12/05/2023	2	ENS	0420	0650	2	1	ENE	1	8	1	2	0	0
12/05/2023	2	HEC	0420	0650	2	2	SE	0	8	2	2	0	0
12/05/2023	2	JB	0420	0650	2	1	S	0	8	2	2	0	0
12/05/2023	2	EB	0420	0650	3	3	NNE	0	8	2	2	0	0
12/05/2023	2	ENS	0420	0650	3	1	ENE	1	8	1	2	0	0
12/05/2023	2	HEC	0420	0650	3	3	SE	0	8	2	2	0	0
12/05/2023	2	JB	0420	0650	3	1	S	0	8	2	2	0	0
18/04/2024	3	JRM	0500	0800	1	2	SSW	0	7	2	2	0	0
18/04/2024	3	JRM	0500	0800	2	2	SW	0	8	2	2	0	0
18/04/2024	3	JRM	0500	0800	3	3	SW	0	8	2	2	0	0
19/04/2024	3	JRM	0500	0700	1	3	NW	0	7	2	2	0	0
19/04/2024	3	JRM	0500	0700	2	3	NW	3	6	2	2	0	0
10/05/2024	4	JRM	0440	0640	1	2	ESE	0	6	2	2	0	0
10/05/2024	4	JRM	0440	0640	2	2	ESE	0	6	2	2	0	0
17/05/2024	4	JRM	0400	0600	1	5	NE	0	4	2	2	0	0
17/05/2024	4	JRM	0400	0600	2	5	ENE	0	4	2	2	0	0



A.3 Scarce Breeding Bird Surveys

Table A- details survey dates and weather data recorded. Refer to Annex B and Confidential Technical Appendix 7.2 for survey results.

Table A-5: Meteorological Conditions During Scarce Breeding Bird Surveys (Sorted Chronologically)

Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
24/04/2023	1	JRM	0820	1420	1	3	NNE	0	2	2	2	0	0
24/04/2023	1	JRM	0820	1420	2	3	NNE	0	3	2	2	0	0
24/04/2023	1	JRM	0820	1420	3	4	NNE	0	4	2	2	0	0
24/04/2023	1	JRM	0820	1420	4	3	NNE	0	5	2	2	0	0
24/04/2023	1	JRM	0820	1420	5	2	NNE	0	5	2	2	0	0
24/04/2023	1	JRM	0820	1420	6	2	NNE	2	7	2	2	0	0
25/04/2023	1	JRM	0825	1425	1	2	W	0	1	2	2	1	0
25/04/2023	1	JRM	0825	1425	2	2	WNW	0	2	2	2	0	0
25/04/2023	1	JRM	0825	1425	3	2	WNW	0	3	2	2	0	0
25/04/2023	1	JRM	0825	1425	4	2	WNW	0	4	2	2	0	0
25/04/2023	1	JRM	0825	1425	5	2	NW	0	4	2	2	0	0
25/04/2023	1	JRM	0825	1425	6	2	NW	0	4	2	2	0	0
26/04/2023	1	JRM	0800	1400	1	2	WSW	0	3	2	2	1	0
26/04/2023	1	JRM	0800	1400	2	2	W	0	6	2	2	0	0
26/04/2023	1	JRM	0800	1400	3	2	WNW	0	7	2	2	0	0
26/04/2023	1	JRM	0800	1400	4	2	WSW	0	7	2	2	0	0
26/04/2023	1	JRM	0800	1400	5	2	W	0	7	2	2	0	0
26/04/2023	1	JRM	0800	1400	6	2	NW	0	7	2	2	0	0
19/05/2023	2	JRM	0800	1400	1	3	WNW	0	8	2	2	0	0
19/05/2023	2	JRM	0800	1400	2	3	WNW	0	8	2	2	0	0
19/05/2023	2	JRM	0800	1400	3	3	WNW	0	7	2	2	0	0
19/05/2023	2	JRM	0800	1400	4	3	WNW	0	7	2	2	0	0
19/05/2023	2	JRM	0800	1400	5	3	NW	0	7	2	2	0	0
19/05/2023	2	JRM	0800	1400	6	3	NW	0	6	2	2	0	0
25/05/2023	2	JRM	0750	1450	1	1	SW	0	1	2	2	0	0
25/05/2023	2	JRM	0750	1450	2	2	W	0	1	2	2	0	0
25/05/2023	2	JRM	0750	1450	3	2	WNW	0	1	2	2	0	0
25/05/2023	2	JRM	0750	1450	4	3	NW	0	2	2	2	0	0
25/05/2023	2	JRM	0750	1450	5	3	NW	0	2	2	2	0	0
25/05/2023	2	JRM	0750	1450	6	3	NW	0	3	2	2	0	0
25/05/2023	2	JRM	0750	1450	7	3	NW	0	3	2	2	0	0
26/05/2023	2	JRM	0730	1230	1	1	N	0	6	2	2	0	0
26/05/2023	2	JRM	0730	1230	2	1	N	0	2	2	2	0	0
26/05/2023	2	JRM	0730	1230	3	2	NNW	0	2	2	2	0	0
26/05/2023	2	JRM	0730	1230	4	2	NNW	0	4	2	2	0	0
26/05/2023	2	JRM	0730	1230	5	3	NNW	0	4	2	2	0	0
01/06/2023	2	JRM	0720	1320	1	2	ENE	0	4	2	2	0	0
01/06/2023	2	JRM	0720	1320	2	2	ENE	0	5	2	2	0	0
01/06/2023	2	JRM	0720	1320	3	2	ENE	0	5	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
01/06/2023	2	JRM	0720	1320	4	2	ENE	0	6	2	2	0	0
01/06/2023	2	JRM	0720	1320	5	2	ENE	0	4	2	2	0	0
01/06/2023	2	JRM	0720	1320	6	2	ENE	0	4	2	2	0	0
15/06/2023	3	JRM	0545	1145	1	1	E	0	0	2	2	0	0
15/06/2023	3	JRM	0545	1145	2	2	E	0	0	2	2	0	0
15/06/2023	3	JRM	0545	1145	3	2	E	0	0	2	2	0	0
15/06/2023	3	JRM	0545	1145	4	3	E	0	0	2	2	0	0
15/06/2023	3	JRM	0545	1145	5	3	ESE	0	0	2	2	0	0
15/06/2023	3	JRM	0545	1145	6	3	SE	0	0	2	2	0	0
16/06/2023	3	JRM	0545	1030	1	1	E	0	0	2	2	0	0
16/06/2023	3	JRM	0545	1030	2	1	E	0	0	2	2	0	0
16/06/2023	3	JRM	0545	1030	3	2	E	0	0	2	2	0	0
16/06/2023	3	JRM	0545	1030	4	2	E	0	2	2	2	0	0
16/06/2023	3	JRM	0545	1030	5	2	SE	0	2	2	2	0	0
16/06/2023	3	JRM	1100	1215	6	2	SE	0	3	2	2	0	0
16/06/2023	3	JRM	1100	1215	7	2	SE	0	3	2	2	0	0
19/06/2023	3	JRM	0815	1415	1	4	SW	2	7	2	2	0	0
19/06/2023	3	JRM	0815	1415	2	4	SW	0	7	2	2	0	0
19/06/2023	3	JRM	0815	1415	3	4	SW	0	7	2	2	0	0
19/06/2023	3	JRM	0815	1415	4	4	SW	0	8	2	2	0	0
19/06/2023	3	JRM	0815	1415	5	4	SW	2	8	2	2	0	0
19/06/2023	3	JRM	0815	1415	6	4	SW	3	8	2	1	0	0
06/07/2023	4	JRM	0945	1545	1	3	SW	2	8	2	2	0	0
06/07/2023	4	JRM	0945	1545	2	3	SSW	0	8	2	2	0	0
06/07/2023	4	JRM	0945	1545	3	3	SSW	0	8	2	2	0	0
06/07/2023	4	JRM	0945	1545	4	4	SSW	0	8	2	2	0	0
06/07/2023	4	JRM	0945	1545	5	3	SSW	2	8	2	2	0	0
06/07/2023	4	JRM	0945	1545	6	2	SSW	2	8	2	2	0	0
07/07/2023	4	JRM	1015	1615	1	4	S	2	8	1	2	0	0
07/07/2023	4	JRM	1015	1615	2	4	S	2	8	1	2	0	0
07/07/2023	4	JRM	1015	1615	3	4	S	2	8	1	2	0	0
07/07/2023	4	JRM	1015	1615	4	4	S	3	8	1	2	0	0
07/07/2023	4	JRM	1015	1615	5	4	S	3	8	1	2	0	0
07/07/2023	4	JRM	1015	1615	6	3	S	2	8	1	2	0	0
04/08/2023	5	JRM	0930	1530	1	3	WNW	0	5	2	2	0	0
04/08/2023	5	JRM	0930	1530	2	3	NW	0	6	2	2	0	0
04/08/2023	5	JRM	0930	1530	3	3	NW	0	7	2	2	0	0
04/08/2023	5	JRM	0930	1530	4	4	NW	0	7	2	2	0	0
04/08/2023	5	JRM	0930	1530	5	4	NW	0	6	2	2	0	0
04/08/2023	5	JRM	0930	1530	6	4	NW	0	7	2	2	0	0
10/04/2024	6	JRM	0900	1500	1	5	SSE	3	8	2	2	0	0
10/04/2024	6	JRM	0900	1500	2	5	SSE	3	8	2	2	0	0
10/04/2024	6	JRM	0900	1500	3	6	S	3	8	2	2	0	0
10/04/2024	6	JRM	0900	1500	4	6	S	3	8	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
10/04/2024	6	JRM	0900	1500	5	6	S	3	8	2	2	0	0
10/04/2024	6	JRM	0900	1500	6	6	S	3	8	2	2	0	0
11/04/2024	6	JRM	0940	1540	1	5	WSW	0	8	2	2	0	0
11/04/2024	6	JRM	0940	1540	2	5	WSW	0	8	2	2	0	0
11/04/2024	6	JRM	0940	1540	3	4	WSW	0	8	2	2	0	0
11/04/2024	6	JRM	0940	1540	4	4	SW	0	8	2	2	0	0
11/04/2024	6	JRM	0940	1540	5	4	SW	0	7	2	2	0	0
11/04/2024	6	JRM	0940	1540	6	3	SW	0	7	2	2	0	0
12/04/2024	6	JRM	0945	1545	1	3	SW	0	8	2	2	0	0
12/04/2024	6	JRM	0945	1545	2	3	SW	0	8	2	2	0	0
12/04/2024	6	JRM	0945	1545	3	4	SW	0	8	2	2	0	0
12/04/2024	6	JRM	0945	1545	4	4	SSW	0	8	2	2	0	0
12/04/2024	6	JRM	0945	1545	5	3	SSW	3	8	2	2	0	0
12/04/2024	6	JRM	0945	1545	6	3	SSW	3	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	1	2	SE	0	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	2	2	SE	0	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	3	3	SE	0	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	4	3	SSE	0	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	5	2	SSE	0	8	2	2	0	0
13/05/2024	7	JRM	0945	1545	6	2	SSE	0	8	2	2	0	0
14/05/2024	7	JRM	0810	1410	1	4	ESE	3	8	1	1	0	0
14/05/2024	7	JRM	0810	1410	2	4	ESE	3	8	1	1	0	0
14/05/2024	7	JRM	0810	1410	3	5	ESE	2	8	2	2	0	0
14/05/2024	7	JRM	0810	1410	4	5	ESE	2	8	2	2	0	0
14/05/2024	7	JRM	0810	1410	5	4	ESE	2	8	2	2	0	0
14/05/2024	7	JRM	0810	1410	6	4	ESE	2	8	2	2	0	0
15/05/2024	7	JRM	0940	1610	1	3	E	0	8	2	2	0	0
15/05/2024	7	JRM	0940	1610	2	2	ESE	0	7	2	2	0	0
15/05/2024	7	JRM	0940	1610	3	3	ESE	0	6	2	2	0	0
15/05/2024	7	JRM	0940	1610	4	3	ESE	0	6	2	2	0	0
15/05/2024	7	JRM	0940	1610	5	3	ESE	0	6	2	2	0	0
15/05/2024	7	JRM	0940	1610	6	3	ESE	0	7	2	2	0	0
15/05/2024	7	JRM	0940	1610	7	3	ESE	0	7	2	2	0	0
05/06/2024	8	JRM	1055	1455	1	6	W	3	7	2	2	0	0
05/06/2024	8	JRM	1055	1455	2	6	W	4	7	2	2	0	0
05/06/2024	8	JRM	1055	1455	3	6	WNW	4	7	2	2	0	0
05/06/2024	8	JRM	1055	1455	4	6	WNW	3	7	2	2	0	0
06/06/2024	8	JRM	1020	1620	1	5	W	3	6	2	2	0	0
06/06/2024	8	JRM	1020	1620	2	5	W	3	6	2	2	0	0
06/06/2024	8	JRM	1020	1620	3	4	W	0	6	2	2	0	0
06/06/2024	8	JRM	1020	1620	4	4	W	0	6	2	2	0	0
06/06/2024	8	JRM	1020	1620	5	5	W	0	7	2	2	0	0
06/06/2024	8	JRM	1020	1620	6	5	W	0	7	2	2	0	0
11/07/2024	9	JRM	0915	1515	1	3	N	0	8	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
11/07/2024	9	JRM	0915	1515	2	3	NNW	2	8	2	2	0	0
11/07/2024	9	JRM	0915	1515	3	2	NNW	0	8	2	2	0	0
11/07/2024	9	JRM	0915	1515	4	2	NNW	2	8	2	2	0	0
11/07/2024	9	JRM	0915	1515	5	2	NW	0	8	2	2	0	0
11/07/2024	9	JRM	0915	1515	6	2	NW	0	8	2	2	0	0
12/07/2024	9	JRM	0910	1510	1	2	NW	0	8	2	2	0	0
12/07/2024	9	JRM	0910	1510	2	2	NW	0	8	2	2	0	0
12/07/2024	9	JRM	0910	1510	3	2	NNW	0	7	2	2	0	0
12/07/2024	9	JRM	0910	1510	4	2	NNW	0	7	2	2	0	0
12/07/2024	9	JRM	0910	1510	5	2	NW	0	7	2	2	0	0
12/07/2024	9	JRM	0910	1510	6	2	NW	0	7	2	2	0	0
02/08/2024	10	JRM	0645	1145	1	5	SE	0	8	2	2	0	0
02/08/2024	10	JRM	0645	1145	2	6	SSE	0	8	2	2	0	0
02/08/2024	10	JRM	0645	1145	3	6	S	0	8	2	2	0	0
02/08/2024	10	JRM	0645	1145	4	5	S	0	7	2	2	0	0
02/08/2024	10	JRM	0645	1145	5	5	S	0	5	2	2	0	0

A.4 Moorland Breeding Bird Surveys

Table A- details survey dates and weather data recorded. Refer to Annex B for survey results.

Table A-6: Meteorological Conditions During Moorland Breeding Bird Surveys (Sorted Chronologically)

Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
18/04/2023	1	HEC	0945	1345	1	3	E	0	1	2	2	0	0
18/04/2023	1	HEC	0945	1345	2	3	SE	0	2	2	2	0	0
18/04/2023	1	HEC	0945	1345	3	3	SE	0	1	2	2	0	0
18/04/2023	1	HEC	0945	1345	4	3	SE	0	1	2	2	0	0
19/04/2023	1	HEC	0945	1400	1	5	SE	0	1	2	2	0	0
19/04/2023	1	HEC	0945	1400	2	6	SE	0	2	2	2	0	0
19/04/2023	1	HEC	0945	1400	3	5	E	0	3	2	2	0	0
19/04/2023	1	HEC	0945	1400	4	5	E	0	4	2	2	0	0
19/04/2023	1	HEC	0945	1400	5	5	E	0	4	2	2	0	0
03/05/2023	2	TH	1000	1530	1	1	SE	0	8	2	2	0	0
03/05/2023	2	TH	1000	1530	2	2	SE	0	7	2	2	0	0
03/05/2023	2	TH	1000	1530	3	2	SE	0	7	2	2	0	0
03/05/2023	2	TH	1000	1530	4	2	SE	0	7	2	2	0	0
03/05/2023	2	TH	1000	1530	5	2	SE	0	6	2	2	0	0
03/05/2023	2	TH	1000	1530	6	2	SE	0	6	2	2	0	0
04/05/2023	2	TH	1030	1630	1	3	E	0	5	2	2	0	0
04/05/2023	2	TH	1030	1630	2	4	E	0	4	2	2	0	0
04/05/2023	2	TH	1030	1630	3	3	E	0	4	2	2	0	0
04/05/2023	2	TH	1030	1630	4	3	E	0	5	2	2	0	0
04/05/2023	2	TH	1030	1630	5	3	E	0	5	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
04/05/2023	2	TH	1030	1630	6	4	E	0	5	2	2	0	0
15/05/2023	2	TH	1000	1500	1	3	W	0	6	2	2	0	0
15/05/2023	2	TH	1000	1500	2	3	W	0	4	2	2	0	0
15/05/2023	2	TH	1000	1500	3	3	NW	2	5	2	2	0	0
15/05/2023	2	TH	1000	1500	4	3	NW	1	5	2	2	0	0
15/05/2023	2	TH	1000	1500	5	4	NW	0	4	2	2	0	0
27/06/2023	3	TH	1000	1515	1	3	S	2	8	2	2	0	0
27/06/2023	3	TH	1000	1515	2	3	S	2	8	2	2	0	0
27/06/2023	3	TH	1000	1515	3	3	S	1	8	2	2	0	0
27/06/2023	3	TH	1000	1515	4	3	S	2	8	2	2	0	0
27/06/2023	3	TH	1000	1515	5	3	S	2	8	2	2	0	0
27/06/2023	3	TH	1000	1515	6	3	S	2	8	2	2	0	0
28/06/2023	3	TH	1015	1530	1	2	W	2	8	2	2	0	0
28/06/2023	3	TH	1015	1530	2	2	W	3	8	2	2	0	0
28/06/2023	3	TH	1015	1530	3	2	W	2	8	2	2	0	0
28/06/2023	3	TH	1015	1530	4	2	W	2	8	2	2	0	0
28/06/2023	3	TH	1015	1530	5	2	W	2	8	2	2	0	0
28/06/2023	3	TH	1015	1530	6	2	W	2	8	2	2	0	0
29/06/2023	3	TH	1015	1500	1	2	W	0	5	2	2	0	0
29/06/2023	3	TH	1015	1500	2	3	W	0	6	2	2	0	0
29/06/2023	3	TH	1015	1500	3	3	W	0	5	2	2	0	0
29/06/2023	3	TH	1015	1500	4	3	W	0	5	2	2	0	0
29/06/2023	3	TH	1015	1500	5	3	W	0	3	2	2	0	0
17/07/2023	4	EB	0900	1445	1	3	WSW	2	8	2	2	0	0
17/07/2023	4	EB	0900	1445	2	3	WSW	0	8	2	2	0	0
17/07/2023	4	EB	0900	1445	3	3	SW	0	8	2	2	0	0
17/07/2023	4	EB	0900	1445	4	4	WSW	0	7	2	2	0	0
17/07/2023	4	EB	0900	1445	5	4	WSW	0	7	2	2	0	0
17/07/2023	4	EB	0900	1445	6	3	WSW	0	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	1	4	WSW	3	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	2	4	WSW	2	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	3	4	W	0	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	4	4	W	0	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	5	4	W	0	7	2	2	0	0
17/07/2023	4	HEC	0910	1440	6	4	W	0	7	2	2	0	0
21/07/2023	4	TH	0900	1445	1	3	W	0	5	2	2	0	0
21/07/2023	4	TH	0900	1445	2	2	W	0	5	2	2	0	0
21/07/2023	4	TH	0900	1445	3	2	W	0	4	2	2	0	0
21/07/2023	4	TH	0900	1445	4	1	W	0	4	2	2	0	0
21/07/2023	4	TH	0900	1445	5	3	W	0	4	2	2	0	0
21/07/2023	4	TH	0900	1445	6	3	W	0	4	2	2	0	0
16/04/2024	5	EB	0915	1515	1	3	NW	0	5	2	2	0	0
16/04/2024	5	EB	0915	1515	2	4	NW	0	5	2	2	0	0
16/04/2024	5	EB	0915	1515	3	3	NW	0	7	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
16/04/2024	5	EB	0915	1515	4	5	NW	0	6	2	2	0	0
16/04/2024	5	EB	0915	1515	5	5	NW	0	6	2	2	0	0
16/04/2024	5	EB	0915	1515	6	5	NW	0	5	2	2	0	0
17/04/2024	5	EB	0920	1520	1	4	NW	0	8	2	2	0	0
17/04/2024	5	EB	0920	1520	2	5	NW	0	8	2	2	0	0
17/04/2024	5	EB	0920	1520	3	4	NW	0	7	2	2	0	0
17/04/2024	5	EB	0920	1520	4	4	NW	0	6	2	2	0	0
17/04/2024	5	EB	0920	1520	5	3	NW	0	5	2	2	0	0
17/04/2024	5	EB	0920	1520	6	3	NW	0	5	2	2	0	0
23/05/2024	6	IH	0900	1500	1	3	NW	2	8	1	2	0	0
23/05/2024	6	LS	0900	1500	1	3	NW	1	8	1	2	0	0
23/05/2024	6	IH	0900	1500	2	2	NW	1	8	1	2	0	0
23/05/2024	6	LS	0900	1500	2	3	NW	2	8	1	2	0	0
23/05/2024	6	IH	0900	1500	3	3	NW	1	8	1	2	0	0
23/05/2024	6	LS	0900	1500	3	3	NW	2	8	1	2	0	0
23/05/2024	6	IH	0900	1500	4	3	NW	2	8	1	2	0	0
23/05/2024	6	LS	0900	1500	4	3	NW	2	8	1	2	0	0
23/05/2024	6	IH	0900	1500	5	3	NW	2	8	1	2	0	0
23/05/2024	6	LS	0900	1500	5	3	NW	2	8	1	2	0	0
23/05/2024	6	IH	0900	1500	6	3	NW	2	8	1	2	0	0
23/05/2024	6	LS	0900	1500	6	3	NW	2	8	1	2	0	0
24/06/2024	7	JRM	0940	1540	1	3	S	2	8	2	2	0	0
24/06/2024	7	JRM	0940	1540	2	3	S	2	8	2	2	0	0
24/06/2024	7	JRM	0940	1540	3	4	S	0	8	2	2	0	0
24/06/2024	7	JRM	0940	1540	4	4	SSW	0	8	2	2	0	0
24/06/2024	7	JRM	0940	1540	5	4	SSW	0	7	2	2	0	0
24/06/2024	7	JRM	0940	1540	6	4	SSW	0	7	2	2	0	0
25/06/2024	7	JRM	0900	1500	1	2	NW	0	8	2	2	0	0
25/06/2024	7	JRM	0900	1500	2	2	WNW	0	8	2	2	0	0
25/06/2024	7	JRM	0900	1500	3	2	WNW	0	8	2	2	0	0
25/06/2024	7	JRM	0900	1500	4	2	WNW	0	8	2	2	0	0
25/06/2024	7	JRM	0900	1500	5	2	WNW	0	8	2	2	0	0
25/06/2024	7	JRM	0900	1500	6	2	WNW	0	8	2	2	0	0
22/07/2024	8	JRM	0920	1520	1	1	E	2	8	2	2	0	0
22/07/2024	8	JRM	0920	1520	2	1	E	0	8	2	2	0	0
22/07/2024	8	JRM	0920	1520	3	2	VAR	0	7	2	2	0	0
22/07/2024	8	JRM	0920	1520	4	2	VAR	3	8	2	2	0	0
22/07/2024	8	JRM	0920	1520	5	2	VAR	2	8	2	2	0	0
22/07/2024	8	JRM	0920	1520	6	2	VAR	2	7	2	2	0	0

A.5 Winter Walkover Surveys

Table A- details survey dates and weather data recorded. Refer to **Annex B** for survey results.



Table A-7: Meteorological Conditions During Winter Walkover Surveys (Sorted Chronologically)

Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
16/11/2023	1	JRM	1000	1600	1	2	SE	0	3	2	2	0	0
16/11/2023	1	JRM	1000	1600	2	2	SSW	0	6	2	2	0	0
16/11/2023	1	JRM	1000	1600	3	2	SSW	0	5	2	2	0	0
16/11/2023	1	JRM	1000	1600	4	2	SSW	0	7	2	2	0	0
16/11/2023	1	JRM	1000	1600	5	2	SSW	0	8	2	2	0	0
16/11/2023	1	JRM	1000	1600	6	2	SSW	0	8	2	2	0	0
25/01/2024	2	JRM	0955	1355	1	5	S	0	7	2	2	0	0
25/01/2024	2	JRM	0955	1355	2	5	S	2	8	1	2	0	0
25/01/2024	2	JRM	0955	1355	3	5	SSW	2	8	1	2	0	0
25/01/2024	2	JRM	0955	1355	4	4	SSW	2	8	1	2	0	0
25/01/2024	2	JRM	1455	1555	1	4	SSW	2	7	2	2	0	0
13/02/2024	3	JRM	1035	1705	1	3	WSW	0	4	2	2	0	0
13/02/2024	3	JRM	1035	1705	2	3	WSW	0	5	2	2	0	0
13/02/2024	3	JRM	1035	1705	3	3	WSW	0	5	2	2	0	0
13/02/2024	3	JRM	1035	1705	4	3	WSW	0	6	2	2	0	0
13/02/2024	3	JRM	1035	1705	5	2	WSW	0	5	2	2	0	0
13/02/2024	3	JRM	1035	1705	6	2	W	0	4	2	2	0	0
13/02/2024	3	JRM	1035	1705	7	2	W	0	4	2	2	0	0
05/09/2024	4	JRM	1405	2005	1	5	NE	0	8	2	2	0	0
05/09/2024	4	JRM	1405	2005	2	5	NE	0	8	2	2	0	0
05/09/2024	4	JRM	1405	2005	3	3	NE	0	8	2	2	0	0
05/09/2024	4	JRM	1405	2005	4	2	NE	0	8	2	2	0	0
05/09/2024	4	JRM	1405	2005	5	4	ENE	1	8	1	1	0	0
05/09/2024	4	JRM	1405	2005	6	4	ENE	1	8	1	1	0	0
14/10/2024	5	JRM	1325	1845	1	2	S	0	0	2	2	0	0
14/10/2024	5	JRM	1325	1845	2	2	S	0	0	2	2	0	0
14/10/2024	5	JRM	1325	1845	3	2	S	0	0	2	2	0	0
14/10/2024	5	JRM	1325	1845	4	2	SSE	0	1	2	2	0	0
14/10/2024	5	JRM	1325	1845	5	2	SE	0	2	2	2	0	0
14/10/2024	5	JRM	1325	1845	6	2	ESE	0	2	2	2	0	0
13/11/2024	6	JRM	1100	1330	1	2	W	1	8	0	0	0	0
13/11/2024	6	JRM	1100	1330	2	2	W	1	8	0	0	0	0
13/11/2024	6	JRM	1100	1330	3	2	W	1	8	0	0	0	0
14/11/2024	6	JRM	1425	1635	1	2	WSW	0	8	2	2	0	0
14/11/2024	6	JRM	1425	1635	2	2	SW	0	8	1	1	0	0
14/11/2024	6	JRM	1425	1635	3	2	SW	0	8	0	1	0	0
04/12/2024	7	JRM	1015	1100	1	4	SE	0	8	2	2	0	0
04/12/2024	7	JRM	1300	1600	1	5	SSE	0	8	2	2	0	0
04/12/2024	7	JRM	1300	1600	2	5	SSE	2	8	1	1	0	0
04/12/2024	7	JRM	1300	1600	3	5	SSE	4	8	1	1	0	0
16/01/2025	8	JRM	1115	1700	1	4	SSW	0	4	2	2	0	0
16/01/2025	8	JRM	1115	1700	2	4	SSW	0	4	2	2	0	0



Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
16/01/2025	8	JRM	1115	1700	3	4	S	0	3	2	2	0	0
16/01/2025	8	JRM	1115	1700	4	3	S	0	5	2	2	0	0
16/01/2025	8	JRM	1115	1700	5	3	S	0	5	2	2	0	0
16/01/2025	8	JRM	1115	1700	6	3	S	0	5	2	2	0	0
12/02/2025	9	JRM	1100	1715	1	4	E	2	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	2	4	E	0	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	3	4	E	0	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	4	4	E	0	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	5	5	E	0	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	6	5	E	2	8	2	2	0	0
12/02/2025	9	JRM	1100	1715	7	5	E	2	8	1	1	0	0
10/03/2025	10	JRM	1620	1820	1	5	ENE	0	6	2	2	0	0
10/03/2025	10	JRM	1620	1820	2	5	ENE	0	7	2	2	0	0





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