

**ANNEX C. ORNITHOLOGICAL SURVEY EFFORT & GENERAL INFORMATION**

Table C-1 shows the system used for recording weather conditions on all the surveys (sections C.1 to C.5 below).

**Table C-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

**C.1 Flight Activity Surveys**

Flight activity surveys were undertaken during the 2021, 2022 and 2023 breeding seasons and 2021/2022 and 2022/2023 non-breeding seasons. Details of the flight activity surveys undertaken across each Vantage Point (VP) location are supplied in Table C-2 (survey hours per VP per season are summarised in Technical Appendix 6.1 Table 6-1-1) and the associated weather data recorded is detailed in Table C-3. Refer to Annex B for survey methodology and Annex D for survey results.

**Table C-2 Summary of flight activity surveys undertaken at Glentarken Wind Farm (sorted chronologically)**

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours <sup>1</sup> surveyed
07/04/2021	2021 BR	JM	3	1100	1400	3
08/04/2021	2021 BR	JM	3	0915	1215	3
09/04/2021	2021 BR	JM/DS	4	0900	1100	2
09/04/2021	2021 BR	JM/DS	4	1130	1330	2
13/04/2021	2021 BR	JM	1	0820	1120	3
13/04/2021	2021 BR	JM	1	1150	1350	2
14/04/2021	2021 BR	JM	4	0800	1100	3
14/04/2021	2021 BR	JM	4	1130	1430	3
15/04/2021	2021 BR	JM	1	0700	1000	3
15/04/2021	2021 BR	JM	1	1030	1330	3
22/04/2021	2021 BR	JM	3	0645	0945	3
22/04/2021	2021 BR	JM	3	1015	1315	3
26/04/2021	2021 BR	JM	2	1000	1300	3
27/04/2021	2021 BR	JM	2	0825	1125	3
24/05/2021	2021 BR	DS	1	1345	1645	3
25/05/2021	2021 BR	DS	4	1315	1615	2
27/05/2021	2021 BR	JR	2	1020	1320	3
27/05/2021	2021 BR	JR	2	1350	1550	2
28/05/2021	2021 BR	DS	3	0615	0915	3
31/05/2021	2021 BR	JR	1	0930	1230	3
31/05/2021	2021 BR	JR	1	1300	1600	3
10/06/2021	2021 BR	JRM	3	0955	1255	1.16
10/06/2021	2021 BR	DS	1	1245	1545	2.5

<sup>1</sup> 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 <sup>1</sup> surveyed
10/06/2021	2021 BR	JRM	3	1325	1550	2
10/06/2021	2021 BR	DS	1	1615	1915	2.25
11/06/2021	2021 BR	DS	2	0930	1230	3
11/06/2021	2021 BR	JRM	4	1000	1300	3
11/06/2021	2021 BR	DS	2	1300	1600	3
11/06/2021	2021 BR	JRM	4	1330	1630	3
13/07/2021	2021 BR	JRM	4	0910	1210	3
13/07/2021	2021 BR	JRM	4	1240	1540	3
14/07/2021	2021 BR	JRM	2	1010	1310	3
14/07/2021	2021 BR	JRM	2	1340	1640	3
16/07/2021	2021 BR	DS	3	0730	1030	3
16/07/2021	2021 BR	DS	3	1100	1400	3
16/07/2021	2021 BR	JR	1	1500	1800	3
16/07/2021	2021 BR	JR	1	1830	2130	3
22/07/2021	2021 BR	JR	2	1100	1400	0.5
22/07/2021	2021 BR	JR	2	1430	1730	3
22/07/2021	2021 BR	JR	2	1800	1900	1
02/08/2021	2021 BR	JRM	4	0840	1140	3
02/08/2021	2021 BR	JRM	4	1210	1510	3
03/08/2021	2021 BR	JRM	4	1130	1430	3
03/08/2021	2021 BR	JRM	4	1500	1800	3
04/08/2021	2021 BR	JRM	1	1025	1325	3
04/08/2021	2021 BR	JRM	1	1355	1655	3
05/08/2021	2021 BR	JRM	1	1000	1300	3
09/08/2021	2021 BR	JR	3	0730	1030	3
09/08/2021	2021 BR	JR	3	1100	1400	3
10/08/2021	2021 BR	JRM	2	0700	1000	3
10/08/2021	2021 BR	JRM	2	1030	1330	3
20/08/2021	2021 BR	JR	3	1150	1450	3
24/08/2021	2021 BR	JR	2	0900	1200	1.33
24/08/2021	2021 BR	JR	2	1230	1410	1.67
26/08/2021	2021 BR	DS	3	1330	1630	3
06/09/2021	2021/2022 NBR	MW	6	0900	1200	1
06/09/2021	2021/2022 NBR	MW	6	1230	1530	3
07/09/2021	2021/2022 NBR	MW	5	0930	1230	3
07/09/2021	2021/2022 NBR	MW	5	1300	1600	3
08/09/2021	2021/2022 NBR	MW	3	0900	1200	3
08/09/2021	2021/2022 NBR	MW	3	1230	1530	3
09/09/2021	2021/2022 NBR	MW	4	0830	1030	0
20/09/2021	2021/2022 NBR	MW	3	0800	1100	3
20/09/2021	2021/2022 NBR	MW	3	1130	1430	3
21/09/2021	2021/2022 NBR	MW	4	0800	1100	3
21/09/2021	2021/2022 NBR	MW	4	1130	1430	3
22/09/2021	2021/2022 NBR	MW	6	0700	1000	3
22/09/2021	2021/2022 NBR	MW	6	1030	1330	3
15/10/2021	2021/2022 NBR	DS	4	1130	1430	3
15/10/2021	2021/2022 NBR	DS	4	1500	1800	3
21/10/2021	2021/2022 NBR	DS	6	1045	1345	3
21/10/2021	2021/2022 NBR	DS	6	1415	1715	3
27/10/2021	2021/2022 NBR	MW	5	0900	1200	3
27/10/2021	2021/2022 NBR	MW	5	1230	1530	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours <sup>1</sup> surveyed
28/10/2021	2021/2022 NBR	MW	3	0815	1115	3
28/10/2021	2021/2022 NBR	MW	3	1145	1445	3
29/10/2021	2021/2022 NBR	MW	5	0820	1120	3
29/10/2021	2021/2022 NBR	MW	5	1150	1450	3
22/11/2021	2021/2022 NBR	JM	6	0830	1130	3
22/11/2021	2021/2022 NBR	MW	4	1000	1300	3
22/11/2021	2021/2022 NBR	JM	6	1200	1400	2
22/11/2021	2021/2022 NBR	MW	4	1330	1530	2
23/11/2021	2021/2022 NBR	JM	3	0815	1115	3
23/11/2021	2021/2022 NBR	MW	5	0930	1230	3
23/11/2021	2021/2022 NBR	JM	3	1145	1345	2
23/11/2021	2021/2022 NBR	MW	5	1300	1500	2
14/12/2021	2021/2022 NBR	MW	6	0900	1200	3
14/12/2021	2021/2022 NBR	MW	6	1230	1430	2
15/12/2021	2021/2022 NBR	MW	3	0900	1200	3
15/12/2021	2021/2022 NBR	MW	3	1230	1430	2
16/12/2021	2021/2022 NBR	MW	5	0830	1130	2
16/12/2021	2021/2022 NBR	MW	5	1200	1400	0
17/12/2021	2021/2022 NBR	MW	4	0845	1145	3
17/12/2021	2021/2022 NBR	MW	4	1215	1415	2
18/01/2022	2021/2022 NBR	MW	4	0830	1130	3
18/01/2022	2021/2022 NBR	JM	6	0845	1145	3
18/01/2022	2021/2022 NBR	MW	4	1200	1400	1
18/01/2022	2021/2022 NBR	JM	6	1215	1415	2
19/01/2022	2021/2022 NBR	MW	5	0830	1130	3
19/01/2022	2021/2022 NBR	JM	3	0835	1135	3
19/01/2022	2021/2022 NBR	MW	5	1200	1400	2
19/01/2022	2021/2022 NBR	JM	3	1205	1405	2
08/02/2022	2021/2022 NBR	JM	3	0810	1110	3
08/02/2022	2021/2022 NBR	MW	5	0915	1215	3
09/03/2022	2021/2022 NBR	MW	6	0800	1100	3
09/03/2022	2021/2022 NBR	MW	6	1130	1330	2
10/03/2022	2021/2022 NBR	MW	4	0800	1100	3
10/03/2022	2021/2022 NBR	MW	4	1130	1330	2
11/03/2022	2021/2022 NBR	MW	5	0800	1100	3
11/03/2022	2021/2022 NBR	MW	5	1100	1330	2
28/03/2022	2022 BR	SK	4	1045	1145	1
28/03/2022	2022 BR	SK	4	1515	1715	2
29/03/2022	2022 BR	SK	5	1110	1410	3
29/03/2022	2022 BR	SK	6	1500	1800	3
13/04/2022	2022 BR	JM	5	0900	1200	3
13/04/2022	2022 BR	JM	5	1230	1430	2
25/04/2022	2022 BR	EB	4	1015	1315	3
25/04/2022	2022 BR	SK	6	1030	1330	3
25/04/2022	2022 BR	EB	4	1345	1645	3
25/04/2022	2022 BR	SK	6	1400	1700	3
27/04/2022	2022 BR	SK	4	0730	1030	3
27/04/2022	2022 BR	EB	6	0730	1030	3
11/05/2022	2022 BR	JM	5	0910	1210	3
11/05/2022	2022 BR	JM	5	1240	1440	2
12/05/2022	2022 BR	JM	4	0815	1115	3
12/05/2022	2022 BR	JM	4	1145	1445	3
23/05/2022	2022 BR	SK	5	1030	1330	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours <sup>1</sup> surveyed
23/05/2022	2022 BR	SK	5	1400	1600	2
24/05/2022	2022 BR	SK	6	0930	1230	3
24/05/2022	2022 BR	SK	6	1300	1600	3
26/05/2022	2022 BR	SK	4	0615	0915	3
26/05/2022	2022 BR	JRM	6	0630	0930	3
26/05/2022	2022 BR	SK	4	0945	1015	0.5
10/06/2022	2022 BR	JM	6	0745	1045	3
10/06/2022	2022 BR	JM	6	1115	1415	3
13/06/2022	2022 BR	JM	4	0750	1050	3
13/06/2022	2022 BR	JM	4	1120	1420	3
20/06/2022	2022 BR	JM	5	0820	1120	3
20/06/2022	2022 BR	JM	5	1150	1350	2
21/07/2022	2022 BR	MW	6	0730	1030	3
21/07/2022	2022 BR	MW	6	1100	1400	3
22/07/2022	2022 BR	MW	4	0730	1030	3
22/07/2022	2022 BR	JM	5	0840	1140	3
22/07/2022	2022 BR	MW	4	1100	1400	3
22/07/2022	2022 BR	JM	5	1210	1410	2
29/08/2022	2022 BR	MW	6	0900	1200	3
29/08/2022	2022 BR	MW	4	1230	1530	3
30/08/2022	2022 BR	MW	5	0900	1200	0
31/08/2022	2022 BR	MW	5	0830	1130	3
31/08/2022	2022 BR	MW	5	1200	1400	2
21/09/2022	2022/2023 NBR	MW	4	0830	1130	3
21/09/2022	2022/2023 NBR	MW	4	1200	1500	3
22/09/2022	2022/2023 NBR	MW	5	0900	1200	3
22/09/2022	2022/2023 NBR	MW	5	1230	1530	3
23/09/2022	2022/2023 NBR	MW	6	0700	1000	3
23/09/2022	2022/2023 NBR	MW	6	1030	1330	3
27/10/2022	2022/2023 NBR	JRM	6	0845	1145	2
27/10/2022	2022/2023 NBR	MW	4	0900	1200	2
27/10/2022	2022/2023 NBR	JRM	6	1215	1330	0
27/10/2022	2022/2023 NBR	MW	4	1230	1430	0
28/10/2022	2022/2023 NBR	MW	6	0745	1045	2
28/10/2022	2022/2023 NBR	MW	6	1115	1315	0
28/11/2022	2022/2023 NBR	JRM	4	0840	1140	3
28/11/2022	2022/2023 NBR	JRM	4	1210	1410	2
30/11/2022	2022/2023 NBR	JM	5	0900	1200	3
30/11/2022	2022/2023 NBR	JM	5	1230	1430	2
01/12/2022	2022/2023 NBR	JM	6	0910	1010	0
13/12/2022	2022/2023 NBR	JM	6	0915	1215	3
13/12/2022	2022/2023 NBR	JM	6	1245	1445	2
14/12/2022	2022/2023 NBR	JM	5	0915	1115	2
14/12/2022	2022/2023 NBR	JM	5	1145	1345	2
15/12/2022	2022/2023 NBR	JM	4	0845	1145	3
15/12/2022	2022/2023 NBR	JM	4	1215	1415	2
03/02/2023	2022/2023 NBR	TH	4	0910	1210	3
03/02/2023	2022/2023 NBR	JRM	6	0940	1240	3
03/02/2023	2022/2023 NBR	TH	4	1240	1540	3
03/02/2023	2022/2023 NBR	JRM	6	1310	1510	2
09/02/2023	2022/2023 NBR	EB	5	1030	1330	3
09/02/2023	2022/2023 NBR	EB	5	1400	1600	2
10/02/2023	2022/2023 NBR	EB	4	0930	1230	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours <sup>1</sup> surveyed
10/02/2023	2022/2023 NBR	TH	6	1000	1300	3
10/02/2023	2022/2023 NBR	EB	4	1300	1530	1.5
10/02/2023	2022/2023 NBR	TH	6	1330	1445	1
15/02/2023	2022/2023 NBR	JM	5	0850	1150	3
15/02/2023	2022/2023 NBR	JM	5	1220	1420	2
28/02/2023	2022/2023 NBR	JM	5	0845	1145	3
28/02/2023	2022/2023 NBR	JM	5	1215	1415	2
01/03/2023	2022/2023 NBR	JM	6	0750	1050	3
01/03/2023	2022/2023 NBR	JM	6	1120	1420	3
01/03/2023	2022/2023 NBR	JM	4	1520	1650	1.5
07/03/2023	2022/2023 NBR	JM	4	0830	1130	3
07/03/2023	2022/2023 NBR	JM	4	1200	1500	3
08/03/2023	2022/2023 NBR	JM	6	0840	1140	3
08/03/2023	2022/2023 NBR	JM	6	1210	1510	3
15/03/2023	2022/2023 NBR	JM	5	0835	1135	3
15/03/2023	2022/2023 NBR	JM	5	1205	1505	3
10/05/2023	2023 BR	TH	10	1000	1300	3
10/05/2023	2023 BR	ENS	7	1020	1320	3
10/05/2023	2023 BR	EB	9	1020	1320	2.25
10/05/2023	2023 BR	TH	10	1330	1630	3
10/05/2023	2023 BR	ENS	7	1350	1650	3
10/05/2023	2023 BR	EB	9	1350	1650	3
17/05/2023	2023 BR	ENS	7	0940	1240	3
17/05/2023	2023 BR	ENS	7	1310	1610	3
18/05/2023	2023 BR	ENS	11	0805	1105	3
18/05/2023	2023 BR	ENS	11	1135	1435	3
23/05/2023	2023 BR	JM	8	0815	1115	3
23/05/2023	2023 BR	JM	8	1145	1345	2
29/05/2023	2023 BR	EB	10	0955	1255	3
29/05/2023	2023 BR	EB	10	1325	1625	3
30/05/2023	2023 BR	EB	9	0950	1250	3
30/05/2023	2023 BR	EB	9	1320	1620	3
05/06/2023	2023 BR	JR	11	1155	1455	3
05/06/2023	2023 BR	JRM	10	1200	1500	3
05/06/2023	2023 BR	JR	11	1525	1825	3
05/06/2023	2023 BR	JRM	10	1530	1830	3
06/06/2023	2023 BR	JR	11	1145	1445	3
06/06/2023	2023 BR	JRM	8	1230	1530	0.5
06/06/2023	2023 BR	JR	11	1515	1815	3
06/06/2023	2023 BR	JRM	8	1600	1800	2
19/06/2023	2023 BR	TH	8	1410	1710	3
20/06/2023	2023 BR	TH	7	1015	1315	3
20/06/2023	2023 BR	TH	7	1345	1645	3
21/06/2023	2023 BR	TH	8	1100	1400	3
21/06/2023	2023 BR	TH	8	1430	1730	3
22/06/2023	2023 BR	TH	9	1015	1315	3
10/07/2023	2023 BR	JR	10	0840	1140	3
10/07/2023	2023 BR	HEC	7	0900	1200	3
10/07/2023	2023 BR	JR	10	1210	1510	3
10/07/2023	2023 BR	HEC	7	1230	1530	3
11/07/2023	2023 BR	HEC	9	1005	1305	3
11/07/2023	2023 BR	JR	8	1100	1400	3
11/07/2023	2023 BR	HEC	9	1335	1635	3

Date	Season	Observer	VP	Survey start time	Survey finish time	No. hours <sup>1</sup> surveyed
11/07/2023	2023 BR	JR	8	1430	1630	2
12/07/2023	2023 BR	JR	11	0925	1225	3
12/07/2023	2023 BR	HEC	9	0930	1230	3
12/07/2023	2023 BR	HEC	9	1300	1600	3
12/07/2023	2023 BR	JR	11	1305	1605	2.67
13/07/2023	2023 BR	JR	7	0930	1230	3
13/07/2023	2023 BR	HEC	8	1030	1330	3
13/07/2023	2023 BR	JR	7	1300	1600	3
13/07/2023	2023 BR	HEC	8	1400	1600	2
14/07/2023	2023 BR	HEC	10	0730	0830	0
14/07/2023	2023 BR	JR	11	0730	0830	0
07/08/2023	2023 BR	JR	10	0830	1130	3
07/08/2023	2023 BR	HEC	7	0900	1200	3
07/08/2023	2023 BR	JR	10	1200	1500	3
07/08/2023	2023 BR	HEC	7	1230	1530	3
08/08/2023	2023 BR	JR	11	0835	1135	3
08/08/2023	2023 BR	HEC	8	0915	1215	3
08/08/2023	2023 BR	JR	11	1205	1505	3
08/08/2023	2023 BR	HEC	8	1245	1445	2
08/08/2023	2023 BR	JR	11	1535	1615	0.67
09/08/2023	2023 BR	HEC	11	0830	1130	3
09/08/2023	2023 BR	JR	8	0930	1230	3
09/08/2023	2023 BR	HEC	11	1200	1500	3
09/08/2023	2023 BR	JR	8	1300	1430	1.5
10/08/2023	2023 BR	JR	9	0800	1100	0
10/08/2023	2023 BR	HEC	10	0800	1100	0.5
10/08/2023	2023 BR	JR	9	1130	1430	2.25
10/08/2023	2023 BR	HEC	10	1130	1430	2.25
25/08/2023	2023 BR	JM	10	0805	1105	3
25/08/2023	2023 BR	JM	10	1135	1150	0.25
25/08/2023	2023 BR	JM	9	1225	1355	1.5
30/08/2023	2023 BR	JM	9	0800	1100	3
30/08/2023	2023 BR	JM	9	1130	1430	3

Table C-3 Meteorological conditions during flight activity surveys at Glentarken Wind Farm (sorted chronologically)

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
07/04/2021	JM	3	1100	1400	1	5	WNW	0	7	2	2	1	2
07/04/2021	JM	3	1100	1400	2	5	WNW	0	6	2	2	0	2
07/04/2021	JM	3	1100	1400	3	5	WNW	0	6	2	2	0	2
08/04/2021	JM	3	0915	1215	1	7	W	2	7	2	2	0	2
08/04/2021	JM	3	0915	1215	2	7	W	3	7	2	2	0	2
08/04/2021	JM	3	0915	1215	3	7	W	3	8	1	2	0	2
09/04/2021	JM/DS	4	0900	1100	1	2	WNW	0	5	2	2	1	2
09/04/2021	JM/DS	4	0900	1100	2	3	WNW	0	5	2	2	1	2
09/04/2021	JM/DS	4	1130	1330	1	2	WNW	0	6	2	2	1	2
09/04/2021	JM/DS	4	1130	1330	2	3	WNW	0	5	2	2	1	2
13/04/2021	JM	1	0820	1120	1	1	WNW	0	4	2	2	1	2
13/04/2021	JM	1	0820	1120	2	1	NW	0	6	2	2	0	2
13/04/2021	JM	1	0820	1120	3	1	NW	0	7	2	2	0	2
13/04/2021	JM	1	1150	1350	1	1	WNW	0	7	2	2	0	2
13/04/2021	JM	1	1150	1350	2	1	WNW	0	6	2	2	0	2
14/04/2021	JM	4	0800	1100	1	1	NE	0	1	2	2	1	2
14/04/2021	JM	4	0800	1100	2	1	NE	0	1	2	2	1	2
14/04/2021	JM	4	0800	1100	3	1	SW	0	1	2	2	0	2
14/04/2021	JM	4	1130	1430	1	1	SW	0	3	2	2	0	2
14/04/2021	JM	4	1130	1430	2	2	SSW	0	3	2	2	0	2
14/04/2021	JM	4	1130	1430	3	1	SSW	0	5	2	2	0	2
15/04/2021	JM	1	0700	1000	1	0	-	0	1	2	2	1	2
15/04/2021	JM	1	0700	1000	2	1	SE	0	0	2	2	0	2
15/04/2021	JM	1	0700	1000	3	1	ESE	0	0	2	2	0	2
15/04/2021	JM	1	1030	1330	1	1	SE	0	0	2	2	0	2
15/04/2021	JM	1	1030	1330	2	1	SE	0	1	2	2	0	2
15/04/2021	JM	1	1030	1330	3	1	W	0	3	2	2	0	2
22/04/2021	JM	3	0645	0945	1	2	WNW	0	3	2	2	1	2
22/04/2021	JM	3	0645	0945	2	2	WNW	0	2	2	2	1	2
22/04/2021	JM	3	0645	0945	3	3	WNW	0	2	2	2	0	2
22/04/2021	JM	3	1015	1315	1	2	WNW	0	2	2	2	0	2
22/04/2021	JM	3	1015	1315	2	1	WNW	0	1	2	2	0	2
22/04/2021	JM	3	1015	1315	3	1	WNW	0	1	2	2	0	2
26/04/2021	JM	2	1000	1300	1	2	W	0	8	2	2	0	2
26/04/2021	JM	2	1000	1300	2	3	W	0	8	2	2	0	2
26/04/2021	JM	2	1000	1300	3	3	W	0	8	2	2	0	2
27/04/2021	JM	2	0825	1125	1	4	NE	4	8	1	2	0	2
27/04/2021	JM	2	0825	1125	2	6	NE	3	7	1	2	0	2
27/04/2021	JM	2	0825	1125	3	5	NE	3	8	1	2	0	2
24/05/2021	DS	1	1345	1645	1	3	W	3	7	0	1	0	0
24/05/2021	DS	1	1345	1645	2	4	W	4	8	0	1	0	0
24/05/2021	DS	1	1345	1645	3	3	W	2	5	1	2	0	0
25/05/2021	DS	4	1315	1615	1	4	N	3	8	1	1	0	0
25/05/2021	DS	4	1315	1615	2	4	N	3	8	1	1	0	0
25/05/2021	DS	4	1315	1615	3	4	N	3	8	1	1	0	0
27/05/2021	JR	2	1020	1320	1	2	SW	1	8	2	1	0	2
27/05/2021	JR	2	1020	1320	2	2	SSW	0	8	2	1	0	2
27/05/2021	JR	2	1020	1320	3	2	SW	1	8	2	1	0	2
27/05/2021	JR	2	1350	1550	1	2	SW	0	7	2	2	0	2
27/05/2021	JR	2	1350	1550	2	2	SW	0	6	2	2	0	2
28/05/2021	DS	3	0615	0915	1	0	-	0	3	2	2	0	0
28/05/2021	DS	3	0615	0915	2	1	SE	0	4	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
28/05/2021	DS	3	0615	0915	3	2	SE	0	6	2	2	0	0
31/05/2021	JR	1	0930	1230	1	2	SSE	0	4	2	2	0	2
31/05/2021	JR	1	0930	1230	2	2	SSE	0	4	2	2	0	2
31/05/2021	JR	1	0930	1230	3	3	SE	0	3	2	2	0	2
31/05/2021	JR	1	1300	1600	1	4	SSE	0	1	2	2	0	2
31/05/2021	JR	1	1300	1600	2	3	S	0	2	2	2	0	2
31/05/2021	JR	1	1300	1600	3	3	S	0	2	2	2	0	2
10/06/2021	JRM	3	0955	1255	1	3	SW	1	8	0	1	0	0
10/06/2021	JRM	3	0955	1255	2	4	SW	0	8	0	2	0	0
10/06/2021	DS	1	1245	1545	1	5	SE	0	8	0	1	0	0
10/06/2021	DS	1	1245	1545	2	5	SE	0	8	0	1	0	0
10/06/2021	DS	1	1245	1545	3	5	SE	1	8	0	1	0	0
10/06/2021	JRM	3	1325	1550	1	5	SW	0	8	0	2	0	0
10/06/2021	JRM	3	1325	1550	2	5	SW	2	8	0	1	0	0
10/06/2021	DS	1	1615	1915	1	4	SE	2	8	0	1	0	0
10/06/2021	DS	1	1615	1915	2	4	SE	3	8	0	1	0	0
10/06/2021	DS	1	1615	1915	3	4	SE	0	8	0	1	0	0
11/06/2021	DS	2	0930	1230	1	6	SW	0	7	2	2	0	0
11/06/2021	DS	2	0930	1230	2	6	SW	0	7	2	2	0	0
11/06/2021	DS	2	0930	1230	3	6	SW	0	6	2	2	0	0
11/06/2021	JRM	4	1000	1300	1	5	W	0	7	2	2	0	0
11/06/2021	JRM	4	1000	1300	2	5	W	0	6	2	2	0	0
11/06/2021	JRM	4	1000	1300	3	4	W	0	6	2	2	0	0
11/06/2021	DS	2	1300	1600	1	6	SW	1	6	2	2	0	0
11/06/2021	DS	2	1300	1600	2	5	SW	1	7	2	2	0	0
11/06/2021	DS	2	1300	1600	3	4	SW	1	8	1	2	0	0
11/06/2021	JRM	4	1330	1630	1	5	W	0	6	2	2	0	0
11/06/2021	JRM	4	1330	1630	2	4	W	0	6	2	2	0	0
11/06/2021	JRM	4	1330	1630	3	5	W	0	7	2	2	0	0
13/07/2021	JRM	4	0910	1210	1	2	NW	0	5	2	2	0	0
13/07/2021	JRM	4	0910	1210	2	2	NE	0	6	2	2	0	0
13/07/2021	JRM	4	0910	1210	3	2	N	0	6	2	2	0	0
13/07/2021	JRM	4	1240	1540	1	1	W	0	7	2	2	0	0
13/07/2021	JRM	4	1240	1540	2	2	W	0	7	2	2	0	0
13/07/2021	JRM	4	1240	1540	3	2	W	0	6	2	2	0	0
14/07/2021	JRM	2	1010	1310	1	2	SW	0	7	2	2	0	0
14/07/2021	JRM	2	1010	1310	2	3	SW	0	5	2	2	0	0
14/07/2021	JRM	2	1010	1310	3	3	SW	0	4	2	2	0	0
14/07/2021	JRM	2	1340	1640	1	4	W	0	5	2	2	0	0
14/07/2021	JRM	2	1340	1640	2	4	W	0	2	2	2	0	0
14/07/2021	JRM	2	1340	1640	3	5	W	0	2	2	2	0	0
16/07/2021	DS	3	0730	1030	1	5	W	0	6	2	2	0	0
16/07/2021	DS	3	0730	1030	2	5	W	0	4	2	2	0	0
16/07/2021	DS	3	0730	1030	3	5	W	0	3	2	2	0	0
16/07/2021	DS	3	1100	1400	1	5	W	0	7	2	2	0	0
16/07/2021	DS	3	1100	1400	2	4	W	0	3	2	2	0	0
16/07/2021	DS	3	1100	1400	3	5	W	0	4	2	2	0	0
16/07/2021	JR	1	1500	1800	1	3	W	0	5	2	2	0	0
16/07/2021	JR	1	1500	1800	2	3	W	0	6	2	2	0	0
16/07/2021	JR	1	1500	1800	3	4	W	0	6	2	2	0	0
16/07/2021	JR	1	1830	2130	1	4	W	0	4	2	2	0	0
16/07/2021	JR	1	1830	2130	2	3	W	0	2	2	2	0	0
16/07/2021	JR	1	1830	2130	3	2	W	0	1	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
22/07/2021	JR	2	1100	1400	1	2	NE	1	8	1	0	0	0
22/07/2021	JR	2	1100	1400	2	2	NE	0	8	1	0	0	0
22/07/2021	JR	2	1100	1400	3	2	ENE	0	7	1	1	0	0
22/07/2021	JR	2	1430	1730	1	2	NE	0	2	2	2	0	0
22/07/2021	JR	2	1430	1730	2	2	E	0	1	1	2	0	0
22/07/2021	JR	2	1430	1730	3	2	E	0	1	1	2	0	0
22/07/2021	JR	2	1800	1900	1	2	E	0	2	2	2	0	0
02/08/2021	JRM	4	0840	1140	1	1	SE	0	8	2	2	0	0
02/08/2021	JRM	4	0840	1140	2	1	SE	0	8	2	2	0	0
02/08/2021	JRM	4	0840	1140	3	2	SE	0	7	2	2	0	0
02/08/2021	JRM	4	1210	1510	1	3	SE	0	6	2	2	0	0
02/08/2021	JRM	4	1210	1510	2	2	SE	0	5	2	2	0	0
02/08/2021	JRM	4	1210	1510	3	3	S	0	6	2	2	0	0
03/08/2021	JRM	4	1130	1430	1	2	SW	0	6	2	2	0	0
03/08/2021	JRM	4	1130	1430	2	2	SW	0	8	2	2	0	0
03/08/2021	JRM	4	1130	1430	3	3	SW	0	8	2	2	0	0
03/08/2021	JRM	4	1500	1800	1	2	SW	2	8	2	2	0	0
03/08/2021	JRM	4	1500	1800	2	2	SW	0	7	2	2	0	0
03/08/2021	JRM	4	1500	1800	3	2	SW	0	6	2	2	0	0
04/08/2021	JRM	1	1025	1325	1	3	S	0	4	2	2	0	0
04/08/2021	JRM	1	1025	1325	2	2	S	0	5	2	2	0	0
04/08/2021	JRM	1	1025	1325	3	3	S	0	6	2	2	0	0
04/08/2021	JRM	1	1355	1655	1	2	SW	0	5	2	2	0	0
04/08/2021	JRM	1	1355	1655	2	3	SSW	0	5	2	2	0	0
04/08/2021	JRM	1	1355	1655	3	3	S	0	3	2	2	0	0
05/08/2021	JRM	1	1000	1300	1	4	SE	0	7	2	2	0	0
05/08/2021	JRM	1	1000	1300	2	4	SE	0	8	2	2	0	0
05/08/2021	JRM	1	1000	1300	3	4	SE	0	7	2	2	0	0
09/08/2021	JR	3	0730	1030	1	2	NW	0	6	2	2	0	0
09/08/2021	JR	3	0730	1030	2	2	NW	0	5	2	2	0	0
09/08/2021	JR	3	0730	1030	3	2	NNW	0	4	2	2	0	0
09/08/2021	JR	3	1100	1400	1	2	NE	0	5	2	2	0	0
09/08/2021	JR	3	1100	1400	2	2	ENE	0	6	2	2	0	0
09/08/2021	JR	3	1100	1400	3	2	ENE	2	5	2	2	0	0
10/08/2021	JRM	2	0700	1000	1	2	N	0	4	2	2	0	0
10/08/2021	JRM	2	0700	1000	2	2	N	0	6	2	2	0	0
10/08/2021	JRM	2	0700	1000	3	2	NW	0	5	2	2	0	0
10/08/2021	JRM	2	1030	1330	1	2	NW	0	7	2	2	0	0
10/08/2021	JRM	2	1030	1330	2	2	SW	0	7	2	2	0	0
10/08/2021	JRM	2	1030	1330	3	2	SW	3	7	2	2	0	0
20/08/2021	JR	3	1150	1450	1	1	SSE	0	8	2	1	0	0
20/08/2021	JR	3	1150	1450	2	2	SSE	1	8	2	1	0	0
20/08/2021	JR	3	1150	1450	3	3	S	0	8	2	1	0	0
24/08/2021	JR	2	0900	1200	1	1	WNW	1	8	0	0	0	0
24/08/2021	JR	2	0900	1200	2	1	WNW	0	8	0	0	0	0
24/08/2021	JR	2	0900	1200	3	2	WNW	0	3	2	2	0	0
24/08/2021	JR	2	1230	1410	1	2	WNW	0	2	2	2	0	0
24/08/2021	JR	2	1230	1410	2	2	W	0	2	2	2	0	0
26/08/2021	DS	3	1330	1630	1	1	SW	0	1	2	2	0	0
26/08/2021	DS	3	1330	1630	2	2	SSW	0	1	2	2	0	0
26/08/2021	DS	3	1330	1630	3	2	SSW	0	1	2	2	0	0
06/09/2021	MW	6	0900	1200	1	1	SSW	0	8	0	0	0	0
06/09/2021	MW	6	0900	1200	2	2	SSW	0	8	1	1	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
06/09/2021	MW	6	0900	1200	3	3	SSW	0	8	0	0	0	0
06/09/2021	MW	6	1230	1530	1	4	SSW	0	8	1	1	0	0
06/09/2021	MW	6	1230	1530	2	4	SSW	0	8	1	1	0	0
06/09/2021	MW	6	1230	1530	3	5	SSW	0	8	1	1	0	0
07/09/2021	MW	5	0930	1230	1	2	SSW	0	8	1	1	0	0
07/09/2021	MW	5	0930	1230	2	3	SSW	0	8	2	2	0	0
07/09/2021	MW	5	0930	1230	3	4	SSW	0	7	2	2	0	0
07/09/2021	MW	5	1300	1600	1	4	SSW	0	5	2	2	0	0
07/09/2021	MW	5	1300	1600	2	5	SW	0	5	2	2	0	0
07/09/2021	MW	5	1300	1600	3	5	SW	0	5	2	2	0	0
08/09/2021	MW	3	0900	1200	1	2	SE	0	1	2	2	0	0
08/09/2021	MW	3	0900	1200	2	3	SE	0	1	2	2	0	0
08/09/2021	MW	3	0900	1200	3	3	SE	0	1	2	2	0	0
08/09/2021	MW	3	1230	1530	1	3	SE	0	1	2	2	0	0
08/09/2021	MW	3	1230	1530	2	3	SE	0	1	2	2	0	0
08/09/2021	MW	3	1230	1530	3	4	SE	0	1	2	2	0	0
09/09/2021	MW	4	0830	1030	1	1	SW	1	8	0	0	0	0
09/09/2021	MW	4	0830	1030	2	2	SW	1	8	0	0	0	0
20/09/2021	MW	3	0800	1100	1	1	WSW	0	1	2	2	0	0
20/09/2021	MW	3	0800	1100	2	3	WSW	0	4	2	2	0	0
20/09/2021	MW	3	0800	1100	3	5	WSW	0	8	2	2	0	0
20/09/2021	MW	3	1130	1430	1	5	WSW	2	8	2	2	0	0
20/09/2021	MW	3	1130	1430	2	5	WSW	0	8	2	2	0	0
20/09/2021	MW	3	1130	1430	3	6	WSW	0	8	2	2	0	0
21/09/2021	MW	4	0800	1100	1	4	SW	0	7	2	2	0	0
21/09/2021	MW	4	0800	1100	2	5	WSW	0	7	2	2	0	0
21/09/2021	MW	4	0800	1100	3	5	WSW	0	8	2	2	0	0
21/09/2021	MW	4	1130	1430	1	6	WSW	0	7	2	2	0	0
21/09/2021	MW	4	1130	1430	2	6	WSW	0	6	2	2	0	0
21/09/2021	MW	4	1130	1430	3	6	WSW	0	5	2	2	0	0
22/09/2021	MW	6	0700	1000	1	5	SSW	2	8	2	1	0	0
22/09/2021	MW	6	0700	1000	2	5	SSW	3	8	1	1	0	0
22/09/2021	MW	6	0700	1000	3	5	SSW	3	8	2	2	0	0
22/09/2021	MW	6	1030	1330	1	6	SSW	4	8	1	1	0	0
22/09/2021	MW	6	1030	1330	2	5	SSW	4	8	1	1	0	0
22/09/2021	MW	6	1030	1330	3	5	SSW	4	8	1	1	0	0
15/10/2021	DS	4	1130	1430	1	2	SW	0	4	2	2	0	0
15/10/2021	DS	4	1130	1430	2	2	SW	0	4	2	2	0	0
15/10/2021	DS	4	1130	1430	3	2	SW	0	4	2	2	0	0
15/10/2021	DS	4	1500	1800	1	3	SW	0	5	2	2	0	0
15/10/2021	DS	4	1500	1800	2	3	SW	0	5	2	2	0	0
15/10/2021	DS	4	1500	1800	3	4	SW	0	6	2	2	0	0
21/10/2021	DS	6	1045	1345	1	4	NW	0	4	2	2	1	2
21/10/2021	DS	6	1045	1345	2	4	NW	0	4	2	2	0	2
21/10/2021	DS	6	1045	1345	3	4	NW	0	4	2	2	0	2
21/10/2021	DS	6	1415	1715	1	4	NW	0	5	2	2	0	2
21/10/2021	DS	6	1415	1715	2	5	NW	2	7	2	2	0	2
21/10/2021	DS	6	1415	1715	3	4	NW	0	7	2	2	0	2
27/10/2021	MW	5	0900	1200	1	5	SW	4	8	1	1	0	0
27/10/2021	MW	5	0900	1200	2	5	SW	4	8	2	2	0	0
27/10/2021	MW	5	0900	1200	3	6	SW	3	8	2	2	0	0
27/10/2021	MW	5	1230	1530	1	6	SW	3	8	2	2	0	0
27/10/2021	MW	5	1230	1530	2	6	SW	0	8	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
27/10/2021	MW	5	1230	1530	3	6	SW	0	8	2	2	0	0
28/10/2021	MW	3	0815	1115	1	3	SSW	0	8	2	2	0	0
28/10/2021	MW	3	0815	1115	2	2	SSW	0	8	1	1	0	0
28/10/2021	MW	3	0815	1115	3	3	SSW	0	8	2	2	0	0
28/10/2021	MW	3	1145	1445	1	2	SSW	0	8	2	2	0	0
28/10/2021	MW	3	1145	1445	2	3	SSW	0	8	2	2	0	0
28/10/2021	MW	3	1145	1445	3	2	SSW	0	8	2	2	0	0
29/10/2021	MW	5	0820	1120	1	3	SSW	4	8	2	2	0	0
29/10/2021	MW	5	0820	1120	2	3	SSW	4	8	2	2	0	0
29/10/2021	MW	5	0820	1120	3	3	SSW	4	8	2	2	0	0
29/10/2021	MW	5	1150	1450	1	3	SSW	4	8	2	2	0	0
29/10/2021	MW	5	1150	1450	2	4	SSW	4	8	2	2	0	0
29/10/2021	MW	5	1150	1450	3	4	SSW	4	8	2	2	0	0
22/11/2021	JM	6	0830	1130	1	2	NE	0	2	2	2	1	0
22/11/2021	JM	6	0830	1130	2	2	NE	0	3	2	2	1	0
22/11/2021	JM	6	0830	1130	3	1	NE	0	5	2	2	0	0
22/11/2021	MW	4	1000	1300	1	5	N	0	5	2	2	1	0
22/11/2021	MW	4	1000	1300	2	5	NNW	0	5	2	2	1	0
22/11/2021	MW	4	1000	1300	3	5	NNW	0	6	2	2	1	0
22/11/2021	JM	6	1200	1400	1	2	NE	0	7	2	2	0	0
22/11/2021	JM	6	1200	1400	2	2	NE	0	7	2	2	0	0
22/11/2021	MW	4	1330	1530	1	6	NNW	0	7	2	2	1	0
22/11/2021	MW	4	1330	1530	2	5	NNW	0	8	2	2	1	0
23/11/2021	JM	3	0815	1115	1	3	W	0	3	1	2	0	0
23/11/2021	JM	3	0815	1115	2	3	W	0	4	2	2	0	0
23/11/2021	JM	3	0815	1115	3	4	W	0	4	2	2	0	0
23/11/2021	MW	5	0930	1230	1	4	NW	0	4	2	2	0	0
23/11/2021	MW	5	0930	1230	2	4	NW	0	5	2	2	0	0
23/11/2021	MW	5	0930	1230	3	5	NW	0	6	2	2	0	0
23/11/2021	JM	3	1145	1345	1	4	WSW	0	6	2	2	0	0
23/11/2021	JM	3	1145	1345	2	3	WSW	0	7	2	2	0	0
23/11/2021	MW	5	1300	1500	1	5	NW	0	6	2	2	0	0
23/11/2021	MW	5	1300	1500	2	4	NW	0	7	2	2	0	0
14/12/2021	MW	6	0900	1200	1	3	SW	1	8	1	1	0	1
14/12/2021	MW	6	0900	1200	2	3	SW	1	8	0	0	0	1
14/12/2021	MW	6	0900	1200	3	4	WSW	1	8	1	1	0	1
14/12/2021	MW	6	1230	1430	1	4	WSW	1	8	1	1	0	1
14/12/2021	MW	6	1230	1430	2	4	WSW	1	8	1	1	0	1
15/12/2021	MW	3	0900	1200	1	4	WSW	4	8	1	1	0	1
15/12/2021	MW	3	0900	1200	2	5	WSW	3	8	1	1	0	1
15/12/2021	MW	3	0900	1200	3	5	WSW	0	8	2	2	0	1
15/12/2021	MW	3	1230	1430	1	6	WSW	0	7	2	2	0	1
15/12/2021	MW	3	1230	1430	2	6	WSW	0	6	2	2	0	1
16/12/2021	MW	5	0830	1130	1	2	SW	0	8	1	1	0	1
16/12/2021	MW	5	0830	1130	2	3	WSW	0	8	1	1	0	1
16/12/2021	MW	5	0830	1130	3	3	WSW	0	8	0	0	0	1
16/12/2021	MW	5	1200	1400	1	3	WSW	0	8	0	0	0	1
16/12/2021	MW	5	1200	1400	2	2	WSW	0	8	0	0	0	1
17/12/2021	MW	4	0845	1145	1	1	NE	0	2	2	2	1	1
17/12/2021	MW	4	0845	1145	2	2	NE	0	3	2	2	1	1
17/12/2021	MW	4	0845	1145	3	2	NE	0	4	2	2	1	1
17/12/2021	MW	4	1215	1415	1	2	NE	0	4	2	2	1	1
17/12/2021	MW	4	1215	1415	2	3	NE	0	5	2	2	1	1



Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
18/01/2022	MW	4	0830	1130	1	4	SW	0	8	2	2	1	1
18/01/2022	MW	4	0830	1130	2	5	SW	0	8	2	2	1	1
18/01/2022	MW	4	0830	1130	3	5	SW	0	8	2	2	1	1
18/01/2022	JM	6	0845	1145	1	4	S	0	8	2	2	1	2
18/01/2022	JM	6	0845	1145	2	5	S	0	8	2	2	1	2
18/01/2022	JM	6	0845	1145	3	5	S	0	8	1	2	0	2
18/01/2022	MW	4	1200	1400	1	4	SW	0	8	2	2	1	1
18/01/2022	MW	4	1200	1400	2	4	SW	0	8	0	0	1	1
18/01/2022	JM	6	1215	1415	1	5	S	0	8	1	1	0	2
18/01/2022	JM	6	1215	1415	2	3	S	0	8	1	1	0	2
19/01/2022	MW	5	0830	1130	1	4	NW	0	3	2	2	1	0
19/01/2022	MW	5	0830	1130	2	5	NW	0	4	2	2	0	0
19/01/2022	MW	5	0830	1130	3	5	NW	3	4	2	2	0	0
19/01/2022	JM	3	0835	1135	1	5	NW	0	6	2	2	0	2
19/01/2022	JM	3	0835	1135	2	5	NW	0	6	2	2	0	2
19/01/2022	JM	3	0835	1135	3	4	NW	0	7	2	2	0	2
19/01/2022	MW	5	1200	1400	1	5	NW	0	5	2	2	0	0
19/01/2022	MW	5	1200	1400	2	5	NW	0	5	2	2	0	0
19/01/2022	JM	3	1205	1405	1	6	NW	0	4	2	2	0	2
19/01/2022	JM	3	1205	1405	2	6	NW	0	6	2	2	0	2
08/02/2022	JM	3	0810	1110	1	6	WNW	0	5	2	2	0	1
08/02/2022	JM	3	0810	1110	2	6	WNW	2	4	2	2	0	1
08/02/2022	JM	3	0810	1110	3	6	NW	2	4	2	2	0	1
08/02/2022	MW	5	0915	1215	1	5	W	3	4	2	2	1	1
08/02/2022	MW	5	0915	1215	2	5	W	3	5	2	2	1	1
08/02/2022	MW	5	0915	1215	3	6	W	0	7	2	2	0	1
09/03/2022	MW	6	0800	1100	1	6	S	0	8	2	2	0	1
09/03/2022	MW	6	0800	1100	2	7	S	0	8	2	2	0	1
09/03/2022	MW	6	0800	1100	3	7	S	0	8	2	2	0	1
09/03/2022	MW	6	1130	1330	1	6	S	0	8	2	2	0	1
09/03/2022	MW	6	1130	1330	2	7	S	4	8	1	1	0	1
10/03/2022	MW	4	0800	1100	1	6	SE	2	8	2	2	0	1
10/03/2022	MW	4	0800	1100	2	6	SE	2	8	2	2	0	1
10/03/2022	MW	4	0800	1100	3	6	SE	0	8	2	2	0	1
10/03/2022	MW	4	1130	1330	1	6	SE	2	8	2	2	0	1
10/03/2022	MW	4	1130	1330	2	6	SE	2	8	2	2	0	1
11/03/2022	MW	5	0800	1100	1	4	E	0	8	1	1	0	1
11/03/2022	MW	5	0800	1100	2	4	E	0	8	1	1	0	1
11/03/2022	MW	5	0800	1100	3	4	E	0	8	2	2	0	1
11/03/2022	MW	5	1130	1330	1	5	E	0	8	2	2	0	1
11/03/2022	MW	5	1130	1330	2	5	E	0	8	2	2	0	1
28/03/2022	SK	4	1045	1145	1	2	SE	0	2	1	2	0	0
28/03/2022	SK	4	1515	1715	1	2	SE	0	5	1	2	0	0
28/03/2022	SK	4	1515	1715	2	2	SE	0	6	1	2	0	0
29/03/2022	SK	5	1110	1410	1	3	ESE	0	7	1	2	0	2
29/03/2022	SK	5	1110	1410	2	3	ESE	0	8	0	2	0	2
29/03/2022	SK	5	1110	1410	3	3	ESE	1	8	0	1	0	2
29/03/2022	SK	6	1500	1800	1	3	ESE	1	8	0	1	0	2
29/03/2022	SK	6	1500	1800	2	3	ESE	2	8	0	1	0	2
29/03/2022	SK	6	1500	1800	3	3	ESE	2	8	0	1	0	2
13/04/2022	JM	5	0900	1200	1	1	SW	0	8	1	1	0	0
13/04/2022	JM	5	0900	1200	2	2	SW	0	8	1	1	0	0
13/04/2022	JM	5	0900	1200	3	2	WSW	0	8	1	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
13/04/2022	JM	5	1230	1430	1	2	WSW	0	8	2	2	0	0
13/04/2022	JM	5	1230	1430	2	3	WSW	0	6	2	2	0	0
25/04/2022	EB	4	1015	1315	1	4	NE	0	8	2	2	0	0
25/04/2022	EB	4	1015	1315	2	4	NE	0	8	2	2	0	0
25/04/2022	EB	4	1015	1315	3	3	NE	0	7	2	2	0	0
25/04/2022	SK	6	1030	1330	1	2	NE	2	7	0	2	0	2
25/04/2022	SK	6	1030	1330	2	1	NE	0	8	0	2	0	2
25/04/2022	SK	6	1030	1330	3	3	ENE	0	6	1	2	0	2
25/04/2022	EB	4	1345	1645	1	3	NE	0	6	2	2	0	0
25/04/2022	EB	4	1345	1645	2	3	NE	0	8	2	2	0	0
25/04/2022	EB	4	1345	1645	3	4	NE	0	8	2	2	0	0
25/04/2022	SK	6	1400	1700	1	2	ENE	0	8	1	2	0	2
25/04/2022	SK	6	1400	1700	2	2	ENE	0	8	1	2	0	2
25/04/2022	SK	6	1400	1700	3	2	ENE	0	8	1	2	0	2
27/04/2022	SK	4	0730	1030	1	2	NE	0	8	1	2	0	2
27/04/2022	SK	4	0730	1030	2	3	NE	0	8	1	2	0	2
27/04/2022	SK	4	0730	1030	3	2	NE	0	8	1	2	0	2
27/04/2022	EB	6	0730	1030	1	2	NE	0	8	2	2	0	0
27/04/2022	EB	6	0730	1030	2	2	NE	0	8	2	2	0	0
27/04/2022	EB	6	0730	1030	3	2	NE	0	8	2	2	0	0
11/05/2022	JM	5	0910	1210	1	5	W	3	6	2	2	0	0
11/05/2022	JM	5	0910	1210	2	5	W	3	6	2	2	0	0
11/05/2022	JM	5	0910	1210	3	5	WSW	3	7	2	2	0	0
11/05/2022	JM	5	1240	1440	1	5	WSW	3	6	2	2	0	0
11/05/2022	JM	5	1240	1440	2	5	WSW	3	8	1	2	0	0
12/05/2022	JM	4	0815	1115	1	4	W	2	7	2	2	0	0
12/05/2022	JM	4	0815	1115	2	4	W	3	8	1	2	0	0
12/05/2022	JM	4	0815	1115	3	3	W	3	7	2	2	0	0
12/05/2022	JM	4	1145	1445	1	5	SW	3	7	2	2	0	0
12/05/2022	JM	4	1145	1445	2	5	SW	3	8	1	2	0	0
12/05/2022	JM	4	1145	1445	3	5	SW	3	6	2	2	0	0
23/05/2022	SK	5	1030	1330	1	4	SW	3	8	0	1	0	0
23/05/2022	SK	5	1030	1330	2	4	SW	1	6	1	2	0	0
23/05/2022	SK	5	1030	1330	3	4	SW	0	6	1	2	0	0
23/05/2022	SK	5	1400	1600	1	4	SW	0	7	1	2	0	0
23/05/2022	SK	5	1400	1600	2	4	SW	0	8	1	2	0	0
24/05/2022	SK	6	0930	1230	1	2	W	0	6	1	2	0	0
24/05/2022	SK	6	0930	1230	2	2	W	2	6	1	2	0	0
24/05/2022	SK	6	0930	1230	3	2	W	0	5	1	2	0	0
24/05/2022	SK	6	1300	1600	1	2	W	2	4	1	2	0	0
24/05/2022	SK	6	1300	1600	2	3	NNW	2	7	1	2	0	0
24/05/2022	SK	6	1300	1600	3	3	NNW	0	5	1	2	0	0
26/05/2022	SK	4	0615	0915	1	4	NW	0	8	1	2	0	0
26/05/2022	SK	4	0615	0915	2	4	NW	0	8	1	2	0	0
26/05/2022	SK	4	0615	0915	3	5	W	0	6	1	2	0	0
26/05/2022	JRM	6	0630	0930	1	4	WSW	0	7	2	2	0	0
26/05/2022	JRM	6	0630	0930	2	6	WSW	0	6	2	2	0	0
26/05/2022	JRM	6	0630	0930	3	5	WSW	0	5	2	2	0	0
26/05/2022	SK	4	0945	1015	1	4	WNW	0	6	1	2	0	0
10/06/2022	JM	6	0745	1045	1	5	SSW	2	8	1	2	0	0
10/06/2022	JM	6	0745	1045	2	5	SSW	3	7	2	2	0	0
10/06/2022	JM	6	0745	1045	3	5	SSW	0	7	2	2	0	0
10/06/2022	JM	6	1115	1415	1	5	SSW	2	7	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
10/06/2022	JM	6	1115	1415	2	5	SSW	2	6	2	2	0	0
10/06/2022	JM	6	1115	1415	3	6	SSW	2	7	2	2	0	0
13/06/2022	JM	4	0750	1050	1	3	SW	0	8	2	2	0	0
13/06/2022	JM	4	0750	1050	2	4	SW	0	8	1	2	0	0
13/06/2022	JM	4	0750	1050	3	4	SW	0	8	1	2	0	0
13/06/2022	JM	4	1120	1420	1	4	SW	0	8	1	2	0	0
13/06/2022	JM	4	1120	1420	2	5	SW	0	8	1	2	0	0
13/06/2022	JM	4	1120	1420	3	5	SW	2	8	1	1	0	0
20/06/2022	JM	5	0820	1120	1	1	SW	0	5	2	2	0	0
20/06/2022	JM	5	0820	1120	2	1	SW	0	5	2	2	0	0
20/06/2022	JM	5	0820	1120	3	2	SW	0	4	2	2	0	0
20/06/2022	JM	5	1150	1350	1	2	SW	0	2	2	2	0	0
20/06/2022	JM	5	1150	1350	2	3	SW	0	2	2	2	0	0
21/07/2022	MW	6	0730	1030	1	2	WNW	0	8	2	2	0	0
21/07/2022	MW	6	0730	1030	2	3	WNW	0	8	2	2	0	0
21/07/2022	MW	6	0730	1030	3	2	WNW	0	7	2	2	0	0
21/07/2022	MW	6	1100	1400	1	3	WNW	0	7	2	2	0	0
21/07/2022	MW	6	1100	1400	2	3	WNW	0	7	2	2	0	0
21/07/2022	MW	6	1100	1400	3	3	WNW	0	7	2	2	0	0
22/07/2022	MW	4	0730	1030	1	3	E	0	8	2	2	0	0
22/07/2022	MW	4	0730	1030	2	3	E	0	8	2	2	0	0
22/07/2022	MW	4	0730	1030	3	3	E	0	8	2	2	0	0
22/07/2022	JM	5	0840	1140	1	3	E	0	8	1	2	0	0
22/07/2022	JM	5	0840	1140	2	3	E	0	8	1	1	0	0
22/07/2022	JM	5	0840	1140	3	3	E	0	8	1	2	0	0
22/07/2022	MW	4	1100	1400	1	4	E	0	8	2	2	0	0
22/07/2022	MW	4	1100	1400	2	4	E	0	7	2	2	0	0
22/07/2022	MW	4	1100	1400	3	4	E	0	7	2	2	0	0
22/07/2022	JM	5	1210	1410	1	3	E	0	8	2	2	0	0
22/07/2022	JM	5	1210	1410	2	3	E	2	8	1	2	0	0
29/08/2022	MW	6	0900	1200	1	3	NE	0	8	2	2	0	0
29/08/2022	MW	6	0900	1200	2	3	NE	0	8	2	2	0	0
29/08/2022	MW	6	0900	1200	3	3	NE	0	7	2	2	0	0
29/08/2022	MW	4	1230	1530	1	3	NE	0	7	2	2	0	0
29/08/2022	MW	4	1230	1530	2	3	NE	0	6	2	2	0	0
29/08/2022	MW	4	1230	1530	3	3	NE	0	6	2	2	0	0
30/08/2022	MW	5	0900	1200	1	2	E	0	8	0	0	0	0
30/08/2022	MW	5	0900	1200	2	2	E	0	8	0	0	0	0
30/08/2022	MW	5	0900	1200	3	2	E	0	8	0	0	0	0
31/08/2022	MW	5	0830	1130	1	2	NE	0	8	2	2	0	0
31/08/2022	MW	5	0830	1130	2	3	NE	0	8	2	2	0	0
31/08/2022	MW	5	0830	1130	3	3	NE	0	7	2	2	0	0
31/08/2022	MW	5	1200	1400	1	3	NE	0	7	2	2	0	0
31/08/2022	MW	5	1200	1400	2	3	NE	0	6	2	2	0	0
21/09/2022	MW	4	0830	1130	1	5	SW	0	7	2	2	0	0
21/09/2022	MW	4	0830	1130	2	5	SW	0	7	2	2	0	0
21/09/2022	MW	4	0830	1130	3	6	SW	0	6	2	2	0	0
21/09/2022	MW	4	1200	1500	1	6	SW	0	6	2	2	0	0
21/09/2022	MW	4	1200	1500	2	6	SW	0	8	2	2	0	0
21/09/2022	MW	4	1200	1500	3	6	SW	0	8	2	2	0	0
22/09/2022	MW	5	0900	1200	1	4	WNW	0	8	2	2	0	0
22/09/2022	MW	5	0900	1200	2	4	WNW	0	8	2	2	0	0
22/09/2022	MW	5	0900	1200	3	5	WNW	0	8	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
22/09/2022	MW	5	0900	1200	1	5	WNW	0	8	2	2	0	0
22/09/2022	MW	5	0900	1200	2	5	WNW	0	8	2	2	0	0
22/09/2022	MW	5	0900	1200	3	5	WNW	0	8	2	2	0	0
23/09/2022	MW	6	0700	1000	1	2	WSW	0	8	2	2	0	0
23/09/2022	MW	6	0700	1000	2	3	WSW	0	7	2	2	0	0
23/09/2022	MW	6	0700	1000	3	3	WSW	0	7	2	2	0	0
23/09/2022	MW	6	1030	1330	1	4	WSW	0	6	2	2	0	0
23/09/2022	MW	6	1030	1330	2	4	WSW	0	6	2	2	0	0
23/09/2022	MW	6	1030	1330	3	4	WSW	0	5	2	2	0	0
27/10/2022	JRM	6	0845	1145	1	3	S	1	8	1	1	0	0
27/10/2022	JRM	6	0845	1145	2	4	SSE	0	8	1	1	0	0
27/10/2022	JRM	6	0845	1145	3	5	SE	2	8	0	0	0	0
27/10/2022	MW	4	0900	1200	1	2	SE	0	8	2	2	0	0
27/10/2022	MW	4	0900	1200	2	3	SE	1	8	1	1	0	0
27/10/2022	MW	4	0900	1200	3	3	SE	3	8	0	0	0	0
27/10/2022	JRM	6	1215	1330	1	5	SE	2	8	0	0	0	0
27/10/2022	JRM	6	1215	1330	2	5	SE	2	8	0	0	0	0
27/10/2022	MW	4	1230	1430	1	2	SE	4	8	0	0	0	0
27/10/2022	MW	4	1230	1430	2	2	SE	4	8	0	0	0	0
28/10/2022	MW	6	0745	1045	1	2	SE	3	8	1	1	0	0
28/10/2022	MW	6	0745	1045	2	2	SE	4	8	1	1	0	0
28/10/2022	MW	6	0745	1045	3	2	SE	4	8	0	0	0	0
28/10/2022	MW	6	1115	1315	1	3	SE	4	8	0	0	0	0
28/10/2022	MW	6	1115	1315	2	2	SE	4	8	0	0	0	0
28/11/2022	JRM	4	0840	1140	1	1	SE	1	8	0	1	0	0
28/11/2022	JRM	4	0840	1140	2	2	SE	0	7	1	1	0	0
28/11/2022	JRM	4	0840	1140	3	2	ESE	0	7	1	2	0	0
28/11/2022	JRM	4	1210	1410	1	2	ESE	0	7	2	2	0	0
28/11/2022	JRM	4	1210	1410	2	2	W	0	4	2	2	0	0
30/11/2022	JM	5	0900	1200	1	1	S	0	5	2	2	0	0
30/11/2022	JM	5	0900	1200	2	1	S	0	6	2	2	0	0
30/11/2022	JM	5	0900	1200	3	1	S	0	3	2	2	0	0
30/11/2022	JM	5	1230	1430	1	2	S	0	4	2	2	0	0
30/11/2022	JM	5	1230	1430	2	1	S	0	6	1	1	0	0
01/12/2022	JM	6	0910	1010	1	0	-	1	8	0	0	0	0
13/12/2022	JM	6	0915	1215	1	0	-	0	2	2	2	2	1
13/12/2022	JM	6	0915	1215	2	1	NNW	0	3	2	2	2	1
13/12/2022	JM	6	0915	1215	3	2	N	0	2	2	2	2	1
13/12/2022	JM	6	1245	1445	1	3	N	0	2	2	2	2	1
13/12/2022	JM	6	1245	1445	2	3	NNE	0	2	2	2	2	1
14/12/2022	JM	5	0915	1115	1	3	NE	0	2	2	2	2	1
14/12/2022	JM	5	0915	1115	2	2	NE	0	4	2	2	2	1
14/12/2022	JM	5	1145	1345	1	2	NE	0	3	2	2	2	1
14/12/2022	JM	5	1145	1345	2	2	NE	0	4	2	2	2	1
15/12/2022	JM	4	0845	1145	1	2	N	0	1	2	2	2	1
15/12/2022	JM	4	0845	1145	2	3	N	0	1	2	2	2	1
15/12/2022	JM	4	0845	1145	3	2	N	0	1	2	2	2	1
15/12/2022	JM	4	1215	1415	1	0	-	0	0	2	2	2	1
15/12/2022	JM	4	1215	1415	2	2	NW	0	0	2	2	2	1
03/02/2023	TH	4	0910	1210	1	3	W	0	5	2	2	0	2
03/02/2023	TH	4	0910	1210	2	2	W	0	7	1	2	0	2
03/02/2023	TH	4	0910	1210	3	2	W	0	8	1	2	0	2
03/02/2023	JRM	6	0940	1240	1	4	NW	0	7	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
03/02/2023	JRM	6	0940	1240	2	3	NW	0	7	1	2	0	0
03/02/2023	JRM	6	0940	1240	3	4	W	0	7	1	2	0	0
03/02/2023	TH	4	1240	1540	1	3	W	0	7	2	2	0	2
03/02/2023	TH	4	1240	1540	2	3	W	0	7	2	2	0	2
03/02/2023	TH	4	1240	1540	3	3	W	2	8	1	1	0	2
03/02/2023	JRM	6	1310	1510	1	4	W	0	8	1	2	0	0
03/02/2023	JRM	6	1310	1510	2	4	W	2	8	1	1	0	0
09/02/2023	EB	5	1030	1330	1	5	W	0	8	1	1	0	2
09/02/2023	EB	5	1030	1330	2	4	W	0	5	2	2	0	2
09/02/2023	EB	5	1030	1330	3	5	WSW	0	6	2	2	0	0
09/02/2023	EB	5	1400	1600	1	4	WSW	0	6	2	2	0	0
09/02/2023	EB	5	1400	1600	2	4	WSW	0	6	2	2	0	0
10/02/2023	EB	4	0930	1230	1	6	W	1	8	0	1	0	0
10/02/2023	EB	4	0930	1230	2	6	W	1	8	0	1	0	0
10/02/2023	EB	4	0930	1230	3	7	W	2	8	0	1	0	0
10/02/2023	TH	6	1000	1300	1	6	W	2	8	1	2	0	0
10/02/2023	TH	6	1000	1300	2	5	W	3	8	1	1	0	0
10/02/2023	TH	6	1000	1300	3	4	W	1	8	1	2	0	0
10/02/2023	EB	4	1300	1530	1	6	W	1	8	1	2	0	0
10/02/2023	EB	4	1300	1530	2	6	W	1	8	0	1	0	0
10/02/2023	EB	4	1300	1530	3	7	W	2	8	0	0	0	0
10/02/2023	TH	6	1330	1445	1	4	W	3	8	1	1	0	0
10/02/2023	TH	6	1330	1445	2	5	W	3	8	0	0	0	0
15/02/2023	JM	5	0850	1150	1	5	SW	4	8	1	1	0	0
15/02/2023	JM	5	0850	1150	2	5	SW	3	8	1	1	0	0
15/02/2023	JM	5	0850	1150	3	5	SW	3	8	1	1	0	0
15/02/2023	JM	5	1220	1420	1	5	SW	0	7	2	2	0	0
15/02/2023	JM	5	1220	1420	2	5	SW	0	7	2	2	0	0
28/02/2023	JM	5	0845	1145	1	1	NE	0	3	2	2	1	2
28/02/2023	JM	5	0845	1145	2	1	NE	0	3	2	2	1	2
28/02/2023	JM	5	0845	1145	3	2	NNE	0	2	2	2	1	2
28/02/2023	JM	5	1215	1415	1	1	NE	0	2	2	2	0	2
28/02/2023	JM	5	1215	1415	2	1	NE	0	2	2	2	0	2
01/03/2023	JM	6	0750	1050	1	3	ENE	0	3	2	2	1	2
01/03/2023	JM	6	0750	1050	2	3	ENE	0	3	2	2	1	2
01/03/2023	JM	6	0750	1050	3	3	ENE	0	2	2	2	0	2
01/03/2023	JM	6	1120	1420	1	3	ENE	0	4	2	2	0	2
01/03/2023	JM	6	1120	1420	2	3	ENE	0	3	2	2	0	2
01/03/2023	JM	6	1120	1420	3	3	NE	0	4	2	2	0	2
01/03/2023	JM	4	1520	1650	1	3	NE	0	7	2	2	0	2
01/03/2023	JM	4	1520	1650	2	3	NE	0	8	2	2	0	2
07/03/2023	JM	4	0830	1130	1	4	NE	0	1	2	2	1	2
07/03/2023	JM	4	0830	1130	2	3	NE	0	1	2	2	0	2
07/03/2023	JM	4	0830	1130	3	3	NE	0	2	2	2	0	2
07/03/2023	JM	4	1200	1500	1	4	NE	0	3	2	2	0	2
07/03/2023	JM	4	1200	1500	2	4	NE	0	2	2	2	0	2
07/03/2023	JM	4	1200	1500	3	4	NE	0	2	2	2	0	2
08/03/2023	JM	6	0840	1140	1	1	NNE	0	0	2	2	1	2
08/03/2023	JM	6	0840	1140	2	1	NNE	0	0	2	2	1	2
08/03/2023	JM	6	0840	1140	3	1	NNE	0	1	2	2	1	2
08/03/2023	JM	6	1210	1510	1	1	NNE	0	4	2	2	0	2
08/03/2023	JM	6	1210	1510	2	2	E	0	3	2	2	0	2
08/03/2023	JM	6	1210	1510	3	2	E	0	3	2	2	0	2

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
15/03/2023	JM	5	0835	1135	1	2	SSW	0	7	2	2	2	1
15/03/2023	JM	5	0835	1135	2	2	SSW	0	7	2	2	2	1
15/03/2023	JM	5	0835	1135	3	2	SSW	0	7	2	2	2	1
15/03/2023	JM	5	1205	1505	1	2	SSW	0	8	2	2	2	1
15/03/2023	JM	5	1205	1505	2	2	SSW	0	8	1	2	2	1
15/03/2023	JM	5	1205	1505	3	2	SSW	0	8	1	2	2	1
10/05/2023	TH	10	1000	1300	1	2	S	2	8	1	1	0	0
10/05/2023	TH	10	1000	1300	2	2	S	2	8	1	1	0	0
10/05/2023	TH	10	1000	1300	3	2	S	1	7	2	2	0	0
10/05/2023	ENS	7	1020	1320	1	3	SE	2	8	1	2	0	0
10/05/2023	ENS	7	1020	1320	2	3	SE	3	8	1	1	0	0
10/05/2023	ENS	7	1020	1320	3	2	SE	0	7	2	2	0	0
10/05/2023	EB	9	1020	1320	1	3	SE	0	8	0	2	0	0
10/05/2023	EB	9	1020	1320	2	3	SSE	3	8	0	1	0	0
10/05/2023	EB	9	1020	1320	3	3	SSE	0	7	1	2	0	0
10/05/2023	TH	10	1330	1630	1	2	S	1	8	2	2	0	0
10/05/2023	TH	10	1330	1630	2	2	S	1	8	2	2	0	0
10/05/2023	TH	10	1330	1630	3	2	S	0	7	2	2	0	0
10/05/2023	ENS	7	1350	1650	1	2	SE	3	8	1	2	0	0
10/05/2023	ENS	7	1350	1650	2	2	SSW	3	8	2	2	0	0
10/05/2023	ENS	7	1350	1650	3	2	SSW	0	7	2	2	0	0
10/05/2023	EB	9	1350	1650	1	4	SW	0	7	2	2	0	0
10/05/2023	EB	9	1350	1650	2	4	SW	0	8	2	2	0	0
10/05/2023	EB	9	1350	1650	3	3	WSW	2	8	2	2	0	0
17/05/2023	ENS	7	0940	1240	1	2	NW	0	1	2	2	0	0
17/05/2023	ENS	7	0940	1240	2	3	NW	0	1	2	2	0	0
17/05/2023	ENS	7	0940	1240	3	2	NW	0	1	2	2	0	0
17/05/2023	ENS	7	1310	1610	1	3	NW	0	3	2	2	0	0
17/05/2023	ENS	7	1310	1610	2	3	NW	0	5	2	2	0	0
17/05/2023	ENS	7	1310	1610	3	3	NW	0	6	2	2	0	0
18/05/2023	ENS	11	0805	1105	1	2	WSW	1	8	1	2	0	0
18/05/2023	ENS	11	0805	1105	2	2	WSW	0	8	2	2	0	0
18/05/2023	ENS	11	0805	1105	3	2	WSW	0	8	2	2	0	0
18/05/2023	ENS	11	1135	1435	1	2	WSW	0	8	2	2	0	0
18/05/2023	ENS	11	1135	1435	2	1	WSW	0	8	2	2	0	0
18/05/2023	ENS	11	1135	1435	3	2	WSW	0	8	2	2	0	0
23/05/2023	JM	8	0815	1115	1	3	W	0	8	2	2	0	0
23/05/2023	JM	8	0815	1115	2	3	W	0	8	2	2	0	0
23/05/2023	JM	8	0815	1115	3	4	W	0	6	2	2	0	0
23/05/2023	JM	8	1145	1345	1	4	W	0	8	2	2	0	0
23/05/2023	JM	8	1145	1345	2	4	W	0	7	2	2	0	0
29/05/2023	EB	10	0955	1255	1	3	SW	0	1	2	2	0	0
29/05/2023	EB	10	0955	1255	2	3	SW	0	1	2	2	0	0
29/05/2023	EB	10	0955	1255	3	3	SW	0	1	2	2	0	0
29/05/2023	EB	10	1325	1625	1	3	SW	0	1	2	2	0	0
29/05/2023	EB	10	1325	1625	2	2	SW	0	1	2	2	0	0
29/05/2023	EB	10	1325	1625	3	3	SW	0	1	2	2	0	0
30/05/2023	EB	9	0950	1250	1	2	SW	0	0	2	2	0	0
30/05/2023	EB	9	0950	1250	2	3	SW	0	0	2	2	0	0
30/05/2023	EB	9	0950	1250	3	3	SSW	0	0	2	2	0	0
30/05/2023	EB	9	1320	1620	1	2	SSW	0	0	2	2	0	0
30/05/2023	EB	9	1320	1620	2	3	SSW	0	0	2	2	0	0
30/05/2023	EB	9	1320	1620	3	3	SSW	0	0	2	2	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
05/06/2023	JR	11	1155	1455	1	1	SE	0	8	1	1	0	0
05/06/2023	JR	11	1155	1455	2	2	SE	0	5	2	2	0	0
05/06/2023	JR	11	1155	1455	3	2	SE	0	2	2	2	0	0
05/06/2023	JRM	10	1200	1500	1	2	ESE	1	8	0	1	0	0
05/06/2023	JRM	10	1200	1500	2	2	ESE	0	8	0	1	0	0
05/06/2023	JRM	10	1200	1500	3	2	ESE	0	4	1	2	0	0
05/06/2023	JR	11	1525	1825	1	2	SE	0	1	2	2	0	0
05/06/2023	JR	11	1525	1825	2	2	SSE	0	1	2	2	0	0
05/06/2023	JR	11	1525	1825	3	3	SSW	0	1	2	2	0	0
05/06/2023	JRM	10	1530	1830	1	3	ESE	0	1	2	2	0	0
05/06/2023	JRM	10	1530	1830	2	3	ESE	0	1	2	2	0	0
05/06/2023	JRM	10	1530	1830	3	3	ESE	0	1	2	2	0	0
06/06/2023	JR	11	1145	1445	1	2	SE	1	8	1	1	0	0
06/06/2023	JR	11	1145	1445	2	2	SE	1	8	1	1	0	0
06/06/2023	JR	11	1145	1445	3	2	SE	1	8	2	2	0	0
06/06/2023	JRM	8	1230	1530	1	2	ESE	1	8	0	0	0	0
06/06/2023	JRM	8	1230	1530	2	2	ESE	1	8	0	0	0	0
06/06/2023	JRM	8	1230	1530	3	3	ESE	1	8	0	1	0	0
06/06/2023	JR	11	1515	1815	1	2	SE	0	7	2	2	0	0
06/06/2023	JR	11	1515	1815	2	2	SE	0	4	2	2	0	0
06/06/2023	JR	11	1515	1815	3	2	SE	0	6	2	2	0	0
06/06/2023	JRM	8	1600	1800	1	3	ESE	0	7	1	2	0	0
06/06/2023	JRM	8	1600	1800	2	3	ESE	0	7	1	2	0	0
19/06/2023	TH	8	1410	1710	1	4	SW	2	8	2	2	0	0
19/06/2023	TH	8	1410	1710	2	5	SW	0	6	2	2	0	0
19/06/2023	TH	8	1410	1710	3	5	SW	0	6	2	2	0	0
20/06/2023	TH	7	1015	1315	1	2	SE	1	6	2	2	0	0
20/06/2023	TH	7	1015	1315	2	2	SE	1	7	2	2	0	0
20/06/2023	TH	7	1015	1315	3	3	SE	0	6	2	2	0	0
20/06/2023	TH	7	1345	1645	1	3	SE	2	8	2	2	0	0
20/06/2023	TH	7	1345	1645	2	3	SE	2	8	2	2	0	0
20/06/2023	TH	7	1345	1645	3	3	SE	2	8	2	2	0	0
21/06/2023	TH	8	1100	1400	1	4	W	2	8	1	1	0	0
21/06/2023	TH	8	1100	1400	2	5	W	0	4	2	2	0	0
21/06/2023	TH	8	1100	1400	3	5	W	0	4	2	2	0	0
21/06/2023	TH	8	1430	1730	1	5	W	0	4	2	2	0	0
21/06/2023	TH	8	1430	1730	2	6	W	0	7	2	2	0	0
21/06/2023	TH	8	1430	1730	3	6	W	0	5	2	2	0	0
22/06/2023	TH	9	1015	1315	1	3	W	0	5	2	2	0	0
22/06/2023	TH	9	1015	1315	2	2	W	0	4	2	2	0	0
22/06/2023	TH	9	1015	1315	3	2	W	0	4	2	2	0	0
10/07/2023	JR	10	0840	1140	1	2	S	0	4	2	2	0	0
10/07/2023	JR	10	0840	1140	2	2	SSW	0	4	2	2	0	0
10/07/2023	JR	10	0840	1140	3	2	S	2	6	2	2	0	0
10/07/2023	HEC	7	0900	1200	1	2	SW	0	5	1	2	0	0
10/07/2023	HEC	7	0900	1200	2	3	SSW	0	6	1	2	0	0
10/07/2023	HEC	7	0900	1200	3	2	SSW	2	7	1	2	0	0
10/07/2023	JR	10	1210	1510	1	2	S	0	6	2	2	0	0
10/07/2023	JR	10	1210	1510	2	2	S	2	7	2	2	0	0
10/07/2023	JR	10	1210	1510	3	1	S	3	8	1	1	0	0
10/07/2023	HEC	7	1230	1530	1	3	SSW	2	8	1	2	0	0
10/07/2023	HEC	7	1230	1530	2	2	SE	2	8	1	2	0	0
10/07/2023	HEC	7	1230	1530	3	3	SE	4	8	1	1	0	0

Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
11/07/2023	HEC	9	1005	1305	1	4	NW	0	7	1	2	0	0
11/07/2023	HEC	9	1005	1305	2	4	WNW	0	7	1	2	0	0
11/07/2023	HEC	9	1005	1305	3	5	W	1	8	0	1	0	0
11/07/2023	JR	8	1100	1400	1	2	SW	0	5	2	2	0	0
11/07/2023	JR	8	1100	1400	2	3	WSW	2	7	2	2	0	0
11/07/2023	JR	8	1100	1400	3	3	WSW	3	7	1	1	0	0
11/07/2023	HEC	9	1335	1635	1	5	W	3	8	0	1	0	0
11/07/2023	HEC	9	1335	1635	2	6	W	3	7	1	2	0	0
11/07/2023	HEC	9	1335	1635	3	6	W	0	7	1	2	0	0
11/07/2023	JR	8	1430	1630	1	3	WSW	2	7	1	2	0	0
11/07/2023	JR	8	1430	1630	2	3	WSW	2	7	2	2	0	0
12/07/2023	JR	11	0925	1225	1	2	WSW	0	6	2	2	0	0
12/07/2023	JR	11	0925	1225	2	3	WSW	0	6	2	2	0	0
12/07/2023	JR	11	0925	1225	3	3	WSW	2	7	2	2	0	0
12/07/2023	HEC	9	0930	1230	1	4	W	0	7	1	2	0	0
12/07/2023	HEC	9	0930	1230	2	4	W	2	7	1	2	0	0
12/07/2023	HEC	9	0930	1230	3	4	W	3	7	1	2	0	0
12/07/2023	HEC	9	1300	1600	1	4	W	0	6	1	2	0	0
12/07/2023	HEC	9	1300	1600	2	5	NW	4	8	1	1	0	0
12/07/2023	HEC	9	1300	1600	3	4	NW	3	7	1	2	0	0
12/07/2023	JR	11	1305	1605	1	3	WSW	0	6	2	2	0	0
12/07/2023	JR	11	1305	1605	2	3	W	3	7	1	1	0	0
12/07/2023	JR	11	1305	1605	3	3	W	2	6	2	2	0	0
13/07/2023	JR	7	0930	1230	1	2	SW	3	8	1	1	0	0
13/07/2023	JR	7	0930	1230	2	2	SW	2	8	1	1	0	0
13/07/2023	JR	7	0930	1230	3	2	SW	2	7	2	2	0	0
13/07/2023	HEC	8	1030	1330	1	4	W	3	8	1	1	0	0
13/07/2023	HEC	8	1030	1330	2	5	W	3	8	1	1	0	0
13/07/2023	HEC	8	1030	1330	3	5	W	2	7	2	2	0	0
13/07/2023	JR	7	1300	1600	1	2	SW	0	6	2	2	0	0
13/07/2023	JR	7	1300	1600	2	2	SW	0	6	2	2	0	0
13/07/2023	JR	7	1300	1600	3	2	SW	0	5	2	2	0	0
13/07/2023	HEC	8	1400	1600	1	5	SW	0	7	2	2	0	0
13/07/2023	HEC	8	1400	1600	2	5	SW	2	7	2	2	0	0
14/07/2023	HEC	10	0730	0830	1	2	ESE	1	8	0	0	0	0
14/07/2023	JR	11	0730	0830	1	1	SW	1	8	0	0	0	0
07/08/2023	JR	10	0830	1130	1	3	WSW	0	4	2	2	0	0
07/08/2023	JR	10	0830	1130	2	3	WSW	0	4	2	2	0	0
07/08/2023	JR	10	0830	1130	3	4	WSW	0	3	2	2	0	0
07/08/2023	HEC	7	0900	1200	1	3	WNW	0	5	2	2	0	0
07/08/2023	HEC	7	0900	1200	2	3	W	0	6	2	2	0	0
07/08/2023	HEC	7	0900	1200	3	4	WNW	0	5	2	2	0	0
07/08/2023	JR	10	1200	1500	1	4	W	0	5	2	2	0	0
07/08/2023	JR	10	1200	1500	2	4	W	0	5	2	2	0	0
07/08/2023	JR	10	1200	1500	3	4	WNW	2	7	2	2	0	0
07/08/2023	HEC	7	1230	1530	1	4	NW	0	6	2	2	0	0
07/08/2023	HEC	7	1230	1530	2	4	NW	0	7	2	2	0	0
07/08/2023	HEC	7	1230	1530	3	4	NW	0	7	2	2	0	0
08/08/2023	JR	11	0835	1135	1	3	WSW	0	5	2	2	0	0
08/08/2023	JR	11	0835	1135	2	3	WNW	0	4	2	2	0	0
08/08/2023	JR	11	0835	1135	3	4	WNW	0	5	2	2	0	0
08/08/2023	HEC	8	0915	1215	1	4	W	0	6	2	2	0	0
08/08/2023	HEC	8	0915	1215	2	5	W	0	6	2	2	0	0



Date	Observer	VP	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
08/08/2023	HEC	8	0915	1215	3	5	W	0	7	2	2	0	0
08/08/2023	JR	11	1205	1505	1	4	WNW	2	6	2	2	0	0
08/08/2023	JR	11	1205	1505	2	4	WNW	0	5	2	2	0	0
08/08/2023	JR	11	1205	1505	3	4	WNW	0	5	2	2	0	0
08/08/2023	HEC	8	1245	1445	1	5	W	0	6	2	2	0	0
08/08/2023	HEC	8	1245	1445	2	6	W	0	5	2	2	0	0
08/08/2023	JR	11	1535	1615	1	4	WNW	0	6	2	2	0	0
09/08/2023	HEC	11	0830	1130	1	3	WSW	0	8	2	2	0	0
09/08/2023	HEC	11	0830	1130	2	4	SW	0	8	2	2	0	0
09/08/2023	HEC	11	0830	1130	3	3	SSW	0	8	2	2	0	0
09/08/2023	JR	8	0930	1230	1	3	WNW	0	8	2	2	0	0
09/08/2023	JR	8	0930	1230	2	3	W	0	8	2	2	0	0
09/08/2023	JR	8	0930	1230	3	3	W	0	8	2	2	0	0
09/08/2023	HEC	11	1200	1500	1	4	WSW	0	8	2	2	0	0
09/08/2023	HEC	11	1200	1500	2	4	W	0	8	2	2	0	0
09/08/2023	HEC	11	1200	1500	3	3	SSW	0	7	2	2	0	0
09/08/2023	JR	8	1300	1430	1	3	W	0	8	2	2	0	0
09/08/2023	JR	8	1300	1430	2	3	W	0	7	2	2	0	0
10/08/2023	JR	9	0800	1100	1	2	SW	1	8	1	0	0	0
10/08/2023	JR	9	0800	1100	2	2	SSW	1	8	1	0	0	0
10/08/2023	JR	9	0800	1100	3	1	S	1	8	1	0	0	0
10/08/2023	HEC	10	0800	1100	1	1	SW	1	8	0	0	0	0
10/08/2023	HEC	10	0800	1100	2	1	SW	1	8	0	1	0	0
10/08/2023	HEC	10	0800	1100	3	2	SW	1	8	0	1	0	0
10/08/2023	JR	9	1130	1430	1	2	SSE	1	8	2	1	0	0
10/08/2023	JR	9	1130	1430	2	2	SSE	1	8	2	1	0	0
10/08/2023	JR	9	1130	1430	3	2	SSE	1	8	2	2	0	0
10/08/2023	HEC	10	1130	1430	1	2	S	1	8	0	1	0	0
10/08/2023	HEC	10	1130	1430	2	2	S	1	8	0	1	0	0
10/08/2023	HEC	10	1130	1430	3	2	SE	1	8	0	1	0	0
25/08/2023	JM	10	0805	1105	1	2	N	0	6	1	2	0	0
25/08/2023	JM	10	0805	1105	2	2	N	0	6	1	2	0	0
25/08/2023	JM	10	0805	1105	3	2	N	0	7	1	2	0	0
25/08/2023	JM	10	1135	1150	1	2	N	0	6	1	2	0	0
25/08/2023	JM	9	1225	1355	1	2	N	0	6	2	2	0	0
25/08/2023	JM	9	1225	1355	2	2	N	3	7	2	2	0	0
30/08/2023	JM	9	0800	1100	1	2	N	0	3	2	2	0	0
30/08/2023	JM	9	0800	1100	2	2	N	0	2	2	2	0	0
30/08/2023	JM	9	0800	1100	3	2	NNE	0	4	2	2	0	0
30/08/2023	JM	9	1130	1430	1	3	N	0	5	2	2	0	0
30/08/2023	JM	9	1130	1430	2	3	N	0	6	2	2	0	0
30/08/2023	JM	9	1130	1430	3	3	N	0	6	2	2	0	0

## C.2 Moorland Breeding Bird Surveys

Moorland breeding bird surveys were undertaken during the 2021, 2022 and 2023 breeding seasons. **Table C-4** details survey dates and weather data recorded. Refer to **Annex B** for survey methodology and **Annex D** for survey results.

**Table C-4 Meteorological conditions during breeding bird surveys at Glentarken Wind Farm (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
26/04/2021	1	JM	0800	1000	1	2	W	0	8	2	2	0	2
26/04/2021	1	JM	0800	1000	2	3	W	0	8	2	2	0	2
26/04/2021	1	JM	1300	1400	1	3	W	0	8	2	2	0	2
27/04/2021	1	JM	1125	1425	1	5	NE	3	8	1	2	0	2
27/04/2021	1	JM	1125	1425	2	5	NNE	3	8	1	2	0	2
27/04/2021	1	JM	1125	1425	3	5	NNE	3	8	1	2	0	2
28/04/2021	1	JM	0710	1310	1	5	N	3	7	2	2	0	2
28/04/2021	1	JM	0710	1310	2	5	N	0	6	2	2	0	2
28/04/2021	1	JM	0710	1310	3	5	N	0	5	2	2	0	2
28/04/2021	1	JM	0710	1310	4	5	N	0	5	2	2	0	2
28/04/2021	1	JM	0710	1310	5	4	N	0	6	2	2	0	2
28/04/2021	1	JM	0710	1310	6	4	N	2	8	2	2	0	2
29/04/2021	1	JM	0740	1040	1	2	NW	0	5	2	2	1	2
29/04/2021	1	JM	0740	1040	2	3	NNW	0	6	2	2	1	2
29/04/2021	1	JM	0740	1040	3	3	NE	0	6	2	2	0	2
30/04/2021	1	JM	0740	1040	1	2	N	0	1	2	2	0	2
30/04/2021	1	JM	0740	1040	2	3	N	0	2	2	2	0	2
30/04/2021	1	JM	0740	1040	3	3	N	0	5	2	2	0	2
24/05/2021	2	DS	0945	1345	1	3	W	2	7	1	1	0	0
24/05/2021	2	DS	0945	1345	2	3	W	3	7	1	1	0	0
24/05/2021	2	DS	0945	1345	3	3	W	3	7	1	1	0	0
24/05/2021	2	DS	0945	1345	4	3	W	2	7	1	1	0	0
25/05/2021	2	DS	0915	1315	1	3	N	2	7	2	2	0	0
25/05/2021	2	DS	0915	1315	2	4	N	0	7	2	2	0	0
25/05/2021	2	DS	0915	1315	3	3	N	0	7	2	2	0	0
25/05/2021	2	DS	0915	1315	4	3	N	2	7	1	1	0	0
26/05/2021	2	DS	0930	1530	1	3	N	2	7	2	2	0	0
26/05/2021	2	DS	0930	1530	2	3	N	2	7	2	2	0	0
26/05/2021	2	DS	0930	1530	3	2	NW	0	7	2	2	0	0
26/05/2021	2	DS	0930	1530	4	2	NW	1	7	2	2	0	0
26/05/2021	2	DS	0930	1530	5	2	NW	0	6	2	2	0	0
26/05/2021	2	DS	0930	1530	6	2	NW	0	6	2	2	0	0
27/05/2021	2	DS	0900	1600	1	2	NE	0	8	1	2	0	0
27/05/2021	2	DS	0900	1600	2	1	NE	0	8	2	2	0	0
27/05/2021	2	DS	0900	1600	3	1	NE	0	8	1	2	0	0
27/05/2021	2	DS	0900	1600	4	1	NE	0	7	2	2	0	0
27/05/2021	2	DS	0900	1600	5	1	NE	0	7	2	2	0	0
27/05/2021	2	DS	0900	1600	6	1	NE	0	7	2	2	0	0
27/05/2021	2	DS	0900	1600	7	1	NE	0	7	2	2	0	0
07/06/2021	3	DS	0930	1530	1	2	SSE	0	4	2	2	0	0
07/06/2021	3	DS	0930	1530	2	2	SSE	0	5	2	2	0	0
07/06/2021	3	DS	0930	1530	3	2	SSE	0	4	2	2	0	0
07/06/2021	3	DS	0930	1530	4	2	SSE	0	4	2	2	0	0
07/06/2021	3	DS	0930	1530	5	2	SSE	0	4	2	2	0	0
07/06/2021	3	DS	0930	1530	6	2	SSE	0	4	2	2	0	0
08/06/2021	3	DS	0900	1700	1	2	SSE	1	8	0	1	0	0
08/06/2021	3	DS	0900	1700	2	4	SW	0	7	1	2	0	0
08/06/2021	3	DS	0900	1700	3	4	SW	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
08/06/2021	3	DS	0900	1700	4	3	SW	1	7	2	2	0	0
08/06/2021	3	DS	0900	1700	5	3	SW	0	6	2	2	0	0
08/06/2021	3	DS	0900	1700	6	3	SW	0	6	2	2	0	0
08/06/2021	3	DS	0900	1700	7	3	SW	0	6	2	2	0	0
08/06/2021	3	DS	0900	1700	8	3	SW	0	6	2	2	0	0
09/06/2021	3	DS	0900	1500	1	2	SE	1	8	0	1	0	0
09/06/2021	3	DS	0900	1500	2	3	SE	1	8	0	1	0	0
09/06/2021	3	DS	0900	1500	3	3	SE	1	8	0	0	0	0
09/06/2021	3	DS	0900	1500	4	4	S	1	8	0	0	0	0
09/06/2021	3	DS	0900	1500	5	4	S	1	8	0	0	0	0
09/06/2021	3	DS	0900	1500	6	3	SE	1	8	1	1	0	0
12/07/2021	4	DS	0930	1530	1	2	NE	0	6	2	2	0	0
12/07/2021	4	DS	0930	1530	2	2	NE	1	6	2	2	0	0
12/07/2021	4	DS	0930	1530	3	2	NE	0	6	2	2	0	0
12/07/2021	4	DS	0930	1530	4	2	NE	2	6	2	2	0	0
12/07/2021	4	DS	0930	1530	5	2	NE	0	6	2	2	0	0
12/07/2021	4	DS	0930	1530	6	2	NE	3	6	2	2	0	0
13/07/2021	4	DS	0900	1500	1	2	N	0	4	2	2	0	0
13/07/2021	4	DS	0900	1500	2	2	NNE	0	4	2	2	0	0
13/07/2021	4	DS	0900	1500	3	2	NNE	0	4	2	2	0	0
13/07/2021	4	DS	0900	1500	4	2	NNE	0	6	2	2	0	0
13/07/2021	4	DS	0900	1500	5	2	SW	0	6	2	2	0	0
13/07/2021	4	DS	0900	1500	6	2	NE	0	6	2	2	0	0
14/07/2021	4	DS	0900	1500	1	2	NW	1	8	1	2	0	0
14/07/2021	4	DS	0900	1500	2	3	SW	0	7	2	2	0	0
14/07/2021	4	DS	0900	1500	3	2	NW	0	6	2	2	0	0
14/07/2021	4	DS	0900	1500	4	3	W	0	6	2	2	0	0
14/07/2021	4	DS	0900	1500	5	4	NW	0	4	2	2	0	0
14/07/2021	4	DS	0900	1500	6	4	NW	0	3	2	2	0	0
15/07/2021	4	DS	0900	1500	1	2	W	0	0	2	2	0	0
15/07/2021	4	DS	0900	1500	2	1	N	0	0	2	2	0	0
15/07/2021	4	DS	0900	1500	3	1	N	0	0	2	2	0	0
15/07/2021	4	DS	0900	1500	4	2	NW	0	0	2	2	0	0
15/07/2021	4	DS	0900	1500	5	2	NW	0	0	2	2	0	0
15/07/2021	4	DS	0900	1500	6	2	NW	0	0	2	2	0	0
26/04/2022	5	EB	0900	1500	1	3	NE	0	7	2	2	0	0
26/04/2022	5	SK	0900	1500	1	2	E	0	8	1	2	0	2
26/04/2022	5	EB	0900	1500	2	2	NE	0	7	2	2	0	0
26/04/2022	5	SK	0900	1500	2	2	E	0	8	1	2	0	2
26/04/2022	5	EB	0900	1500	3	2	NE	1	8	2	2	0	0
26/04/2022	5	SK	0900	1500	3	2	SE	1	8	1	2	0	2
26/04/2022	5	EB	0900	1500	4	2	NE	0	8	2	2	0	0
26/04/2022	5	SK	0900	1500	4	2	SE	0	8	1	2	0	2
26/04/2022	5	EB	0900	1500	5	2	NE	1	8	2	2	0	0
26/04/2022	5	SK	0900	1500	5	2	SE	1	8	1	2	0	2
26/04/2022	5	EB	0900	1500	6	2	NE	0	8	2	2	0	0
26/04/2022	5	SK	0900	1500	6	2	SE	2	8	1	2	0	2
23/05/2022	6	SK	0900	1030	1	3	SW	3	8	0	1	0	0
23/05/2022	6	SK	0900	1030	2	4	SW	4	8	0	0	0	0
23/05/2022	6	SK	1600	1645	1	4	SW	0	8	1	2	0	0
25/05/2022	6	SK	1300	1800	1	7	NNW	2	7	1	2	0	0
25/05/2022	6	SK	1300	1800	2	7	NNW	0	5	1	2	0	0
25/05/2022	6	SK	1300	1800	3	7	NNW	2	6	1	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
25/05/2022	6	SK	1300	1800	4	7	NNW	0	5	1	2	0	0
25/05/2022	6	SK	1300	1800	5	7	NNW	3	7	1	2	0	0
27/05/2022	6	SK	1000	1300	1	5	NNW	0	6	1	2	0	0
27/05/2022	6	SK	1000	1300	2	6	NNW	0	6	1	2	0	0
27/05/2022	6	SK	1000	1300	3	5	NNW	0	5	1	2	0	0
08/06/2022	7	JM	0805	1405	1	4	E	4	8	1	2	0	0
08/06/2022	7	JM	0805	1405	2	3	E	3	8	1	2	0	0
08/06/2022	7	JM	0805	1405	3	3	SSE	2	8	1	2	0	0
08/06/2022	7	JM	0805	1405	4	4	SSE	2	8	1	2	0	0
08/06/2022	7	JM	0805	1405	5	3	SSE	1	8	1	2	0	0
08/06/2022	7	JM	0805	1405	6	4	E	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	1	2	E	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	2	2	E	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	3	2	E	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	4	2	E	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	5	2	S	1	8	1	1	0	0
09/06/2022	7	JM	0700	1300	6	2	S	0	8	1	2	0	0
19/07/2022	8	SK	0830	1330	1	3	NW	2	4	2	2	0	0
19/07/2022	8	TH	0830	1330	1	2	SW	0	3	2	2	0	0
19/07/2022	8	SK	0830	1330	2	3	NW	0	5	2	2	0	0
19/07/2022	8	TH	0830	1330	2	3	SW	0	4	2	2	0	0
19/07/2022	8	SK	0830	1330	3	3	NW	0	6	2	2	0	0
19/07/2022	8	TH	0830	1330	3	3	S	0	4	2	2	0	0
19/07/2022	8	SK	0830	1330	4	3	NW	0	7	2	2	0	0
19/07/2022	8	TH	0830	1330	4	4	S	1	4	2	2	0	0
19/07/2022	8	SK	0830	1330	5	3	NW	2	8	2	2	0	0
19/07/2022	8	TH	0830	1330	5	3	S	1	5	2	2	0	0
11/04/2023	AT <sup>2</sup> 1	JM	0900	1200	1	4	WSW	2	6	2	2	0	2
11/04/2023	AT 1	JM	0900	1200	2	4	WSW	0	4	2	2	0	2
11/04/2023	AT 1	JM	0900	1200	3	4	WSW	3	7	1	2	0	2
12/04/2023	AT 1	JM	0915	1215	1	4	SSW	3	8	1	2	0	1
12/04/2023	AT 1	JM	0915	1215	2	4	SSW	0	7	2	2	0	1
12/04/2023	AT 1	JM	0915	1215	3	4	SSW	0	8	2	2	0	1
24/05/2023	AT 2	JM	0710	1010	1	1	NW	0	5	2	2	0	0
24/05/2023	AT 2	JM	0710	1010	2	2	NW	0	7	2	2	0	0
24/05/2023	AT 2	JM	0710	1010	3	3	NW	0	5	2	2	0	0
25/05/2023	AT 2	JM	0710	1010	1	0	-	0	6	2	2	0	0
25/05/2023	AT 2	JM	0710	1010	2	1	WSW	0	3	2	2	0	0
25/05/2023	AT 2	JM	0710	1010	3	1	WSW	0	4	2	2	0	0
04/07/2023	AT 3	JR	0830	1430	1	1	SSE	4	8	1	1	0	0
04/07/2023	AT 3	JR	0830	1430	2	1	SSE	4	8	1	1	0	0
04/07/2023	AT 3	JR	0830	1430	3	1	-	4	8	1	1	0	0
04/07/2023	AT 3	JR	0830	1430	4	1	SSE	2	7	1	2	0	0
04/07/2023	AT 3	JR	0830	1430	5	2	SSE	0	8	1	2	0	0
04/07/2023	AT 3	JR	0830	1430	6	2	SE	2	7	1	2	0	0
27/07/2023	AT 4	JR	0800	1400	1	1	ENE	1	8	1	1	0	0
27/07/2023	AT 4	JR	0800	1400	2	2	ENE	1	8	1	1	0	0
27/07/2023	AT 4	JR	0800	1400	3	2	E	2	8	1	1	0	0
27/07/2023	AT 4	JR	0800	1400	4	2	E	3	8	1	1	0	0
27/07/2023	AT 4	JR	0800	1400	5	1	ENE	1	8	2	2	0	0
27/07/2023	AT 4	JR	0800	1400	6	1	ENE	2	8	1	1	0	0

<sup>2</sup> AT = access track

### C.3 Winter Walkover Surveys

Winter walkover surveys were undertaken during the 2021/2022 non-breeding season. **Table C-5** details survey dates and weather data recorded. Refer to **Annex B** for survey methodology and **Annex D** for survey results.

**Table C-5 Meteorological conditions during winter walkover surveys at Glentarken Wind Farm (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
24/11/2021	1	MW	0900	1400	1	4	NW	0	4	2	2	0	0
24/11/2021	1	MW	0900	1400	2	5	NW	0	4	2	2	0	0
24/11/2021	1	MW	0900	1400	3	5	NW	3	7	2	2	0	0
24/11/2021	1	MW	0900	1400	4	5	NW	3	8	2	2	0	0
24/11/2021	1	MW	0900	1400	5	5	NW	0	8	2	2	0	0
25/11/2021	1	MW	0845	1345	1	5	N	0	8	2	2	1	1
25/11/2021	1	MW	0845	1345	2	5	N	0	8	2	2	1	1
25/11/2021	1	MW	0845	1345	3	5	N	0	8	2	2	1	1
25/11/2021	1	MW	0845	1345	4	6	N	0	8	2	2	1	1
25/11/2021	1	MW	0845	1345	5	6	N	0	8	2	2	1	1
26/11/2021	1	MW	0800	1300	1	6	N	4	8	1	1	1	1
26/11/2021	1	MW	0800	1300	2	6	N	4	8	1	1	1	1
26/11/2021	1	MW	0800	1300	3	7	NW	3	8	0	0	1	1
26/11/2021	1	MW	0800	1300	4	7	NW	0	8	0	0	1	1
26/11/2021	1	MW	0800	1300	5	7	NW	3	8	2	2	1	1
20/01/2022	2	MW	0800	1300	1	4	NW	0	3	2	2	1	1
20/01/2022	2	MW	0800	1300	2	5	NW	0	4	2	2	1	1
20/01/2022	2	MW	0800	1300	3	5	NW	0	4	2	2	1	1
20/01/2022	2	MW	0800	1300	4	4	NW	0	4	2	2	1	1
20/01/2022	2	MW	0800	1300	5	5	NW	0	4	2	2	1	1
20/01/2022	2	JM	0830	1430	1	1	W	0	7	2	2	1	2
20/01/2022	2	JM	0830	1430	2	2	NW	0	5	2	2	1	2
20/01/2022	2	JM	0830	1430	3	2	NW	0	3	2	2	1	2
20/01/2022	2	JM	0830	1430	4	3	NW	0	4	2	2	1	2
20/01/2022	2	JM	0830	1430	5	3	NW	0	6	2	2	1	2
20/01/2022	2	JM	0830	1430	6	3	NW	0	5	2	2	1	2
21/01/2022	2	MW	0815	1315	1	5	WNW	0	1	2	2	1	1
21/01/2022	2	MW	0815	1315	2	5	WNW	0	2	2	2	1	1
21/01/2022	2	MW	0815	1315	3	5	WNW	0	2	2	2	1	1
21/01/2022	2	MW	0815	1315	4	6	WNW	0	3	2	2	1	1
21/01/2022	2	MW	0815	1315	5	6	WNW	0	2	2	2	1	1
08/02/2022	3	JM	1110	1410	1	6	NW	3	5	2	2	0	1
08/02/2022	3	JM	1110	1410	2	6	NW	3	7	1	2	0	1
08/02/2022	3	JM	1110	1410	3	6	NW	3	6	2	2	0	1
09/02/2022	3	JM	0800	1400	1	5	W	3	3	2	2	1	1
09/02/2022	3	JM	0800	1400	2	6	W	3	2	2	2	1	1
09/02/2022	3	JM	0800	1400	3	6	WSW	3	2	2	2	1	1
09/02/2022	3	JM	0800	1400	4	6	WSW	3	8	1	1	1	1
09/02/2022	3	JM	0800	1400	5	6	WSW	3	8	2	2	1	1
09/02/2022	3	JM	0800	1400	6	6	WSW	3	6	2	2	1	1
09/02/2022	3	MW	0830	1330	5	6	W	3	8	2	2	1	1
09/02/2022	3	MW	0830	1330	5	6	W	3	7	2	2	1	1
09/02/2022	3	MW	0830	1330	5	6	W	3	7	2	2	1	1
09/02/2022	3	MW	0830	1330	5	6	W	3	6	2	2	1	1
09/02/2022	3	MW	0830	1330	5	5	W	3	7	2	2	1	1

## C.4 Scarce Breeding Bird Surveys

Scarce breeding bird surveys were undertaken during the 2021, 2022 and 2023 breeding seasons. **Table C-6** details survey dates and weather data recorded. Refer to **Annex B** for survey methodology and **Annex D** for survey results.

**Table C-6 Meteorological conditions during scarce breeding bird surveys at Glentarken Wind Farm (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
07/04/2021	1	JR	0915	1000	1	4	NW	2	3	2	2	2	1
07/04/2021	1	JR	1050	1415	1	4	NW	2	3	2	2	2	1
07/04/2021	1	JR	1050	1415	2	3	NW	2	4	2	2	2	1
07/04/2021	1	JR	1050	1415	3	3	NW	2	6	2	2	2	1
07/04/2021	1	JR	1050	1415	4	3	NW	2	6	2	2	2	1
08/04/2021	1	JR	0800	1400	1	4	W	3	7	2	2	0	2
08/04/2021	1	JR	0800	1400	2	5	W	3	7	2	2	0	2
08/04/2021	1	JR	0800	1400	3	5	WNW	3	7	2	2	0	2
08/04/2021	1	JR	0800	1400	4	5	WNW	4	8	1	1	0	2
08/04/2021	1	JR	0800	1400	5	4	W	3	6	2	2	0	2
08/04/2021	1	JR	0800	1400	6	6	WNW	3	7	2	2	0	2
23/04/2021	1	JR	0810	1410	1	2	SE	0	1	2	2	1	0
23/04/2021	1	JR	0810	1410	2	2	SE	0	1	2	2	0	0
23/04/2021	1	JR	0810	1410	3	2	SE	0	1	2	2	0	0
23/04/2021	1	JR	0810	1410	4	2	SE	0	1	2	2	0	0
23/04/2021	1	JR	0810	1410	5	2	SE	0	3	2	2	0	0
23/04/2021	1	JR	0810	1410	6	2	SE	0	2	2	2	0	0
26/04/2021	1	JR	0730	1430	1	2	W	0	8	2	2	0	2
26/04/2021	1	JR	0730	1430	2	2	W	0	8	2	2	0	2
26/04/2021	1	JR	0730	1430	3	3	W	2	8	2	2	0	2
26/04/2021	1	JR	0730	1430	4	4	W	2	8	2	2	0	2
26/04/2021	1	JR	0730	1430	5	2	W	2	8	2	2	0	2
26/04/2021	1	JR	0730	1430	6	2	W	2	8	2	0	0	2
26/04/2021	1	JR	0730	1430	7	2	W	2	8	2	0	0	2
24/05/2021	2	JR	0830	1430	1	3	NW	4	8	2	1	0	2
24/05/2021	2	JR	0830	1430	2	3	NW	4	8	2	1	0	2
24/05/2021	2	JR	0830	1430	3	3	NW	2	8	2	1	0	2
24/05/2021	2	JR	0830	1430	4	3	NW	2	8	1	2	0	2
24/05/2021	2	JR	0830	1430	5	3	WNW	3	8	1	1	0	2
24/05/2021	2	JR	0830	1430	6	3	W	3	8	1	2	0	2
25/05/2021	2	JR	0800	1400	1	4	NNW	0	6	2	2	0	2
25/05/2021	2	JR	0800	1400	2	5	NNW	2	6	2	2	0	2
25/05/2021	2	JR	0800	1400	3	4	NW	2	7	2	2	0	2
25/05/2021	2	JR	0800	1400	4	4	N	2	6	2	2	0	2
25/05/2021	2	JR	0800	1400	5	3	N	3	6	2	2	0	2
25/05/2021	2	JR	0800	1400	6	3	N	2	7	2	2	0	2
26/05/2021	2	JR	0820	1420	1	1	NE	0	8	2	2	0	2
26/05/2021	2	JR	0820	1420	2	2	NE	2	8	1	2	0	2
26/05/2021	2	JR	0820	1420	3	2	NE	2	8	2	2	0	2
26/05/2021	2	JR	0820	1420	4	2	NE	2	8	2	2	0	2
26/05/2021	2	JR	0820	1420	5	2	NE	2	8	2	2	0	2
26/05/2021	2	JR	0820	1420	6	1	NE	0	7	2	2	0	2
27/05/2021	2	JR	0900	1020	1	2	E	1	8	2	2	0	2
27/05/2021	2	JR	0900	1020	2	1	S	1	8	2	2	0	2
27/05/2021	2	JR	1550	1650	1	2	SW	0	6	2	2	0	2
28/05/2021	2	JR	0650	0950	1	1	SW	0	5	5	2	0	2
28/05/2021	2	JR	0650	0950	2	2	SW	0	6	6	2	0	2
28/05/2021	2	JR	0650	0950	3	2	SW	0	6	6	2	0	2

Date	Survey visit	Observer	Survey start time	Survey finish time	Survey hour	Wind speed	Wind direction	Rain	Cloud cover	Cloud height	Visibility	Frost	Snow
07/06/2021	3	JRM	0800	1500	1	2	SE	0	7	2	2	0	0
07/06/2021	3	JRM	0800	1500	2	2	SE	0	6	2	2	0	0
07/06/2021	3	JRM	0800	1500	3	3	SE	0	5	2	2	0	0
07/06/2021	3	JRM	0800	1500	4	2	S	0	5	2	2	0	0
07/06/2021	3	JRM	0800	1500	5	2	S	0	5	2	2	0	0
07/06/2021	3	JRM	0800	1500	6	3	S	0	4	2	2	0	0
07/06/2021	3	JRM	0800	1500	7	3	S	0	4	2	2	0	0
08/06/2021	3	JRM	0920	1520	1	2	S	0	7	1	2	0	0
08/06/2021	3	JRM	0920	1520	2	3	S	0	6	2	2	0	0
08/06/2021	3	JRM	0920	1520	3	3	S	0	5	2	2	0	0
08/06/2021	3	JRM	0920	1520	4	2	S	0	7	2	2	0	0
08/06/2021	3	JRM	0920	1520	5	3	SW	0	5	2	2	0	0
08/06/2021	3	JRM	0920	1520	6	2	SW	0	6	2	2	0	0
09/06/2021	3	JRM	1000	1600	1	2	S	2	8	0	1	0	0
09/06/2021	3	JRM	1000	1600	2	2	S	2	8	0	1	0	0
09/06/2021	3	JRM	1000	1600	3	2	S	2	8	0	1	0	0
09/06/2021	3	JRM	1000	1600	4	4	S	2	8	0	0	0	0
09/06/2021	3	JRM	1000	1600	5	3	S	2	8	0	0	0	0
09/06/2021	3	JRM	1000	1600	6	3	S	2	8	1	2	0	0
12/07/2021	4	JRM	0800	1500	1	1	N	0	8	1	2	0	0
12/07/2021	4	JRM	0800	1500	2	2	NNE	0	6	2	2	0	0
12/07/2021	4	JRM	0800	1500	3	2	NNE	0	6	2	2	0	0
12/07/2021	4	JRM	0800	1500	4	3	ESE	0	7	2	2	0	0
12/07/2021	4	JRM	0800	1500	5	4	SE	0	6	2	2	0	0
12/07/2021	4	JRM	0800	1500	6	4	SE	0	6	2	2	0	0
12/07/2021	4	JRM	0800	1500	7	4	SSE	0	6	2	2	0	0
13/07/2021	4	JRM	1540	1740	1	2	W	0	4	2	2	0	0
13/07/2021	4	JRM	1540	1740	2	2	W	0	6	2	2	0	0
15/07/2021	4	JRM	0900	1500	1	2	NW	0	0	2	2	0	0
15/07/2021	4	JRM	0900	1500	2	2	WNW	0	0	2	2	0	0
15/07/2021	4	JRM	0900	1500	3	2	WNW	0	0	2	2	0	0
15/07/2021	4	JRM	0900	1500	4	2	NW	0	0	2	2	0	0
15/07/2021	4	JRM	0900	1500	5	2	W	0	0	2	2	0	0
15/07/2021	4	JRM	0900	1500	6	2	W	0	0	2	2	0	0
16/07/2021	4	JRM	0900	1200	1	4	W	0	4	2	2	0	0
16/07/2021	4	JRM	0900	1200	2	5	W	0	5	2	2	0	0
16/07/2021	4	JRM	0900	1200	3	5	W	0	4	2	2	0	0
05/08/2021	5	JRM	1300	1600	1	4	SE	0	7	2	2	0	0
05/08/2021	5	JRM	1300	1600	2	4	SE	2	8	2	2	0	0
05/08/2021	5	JRM	1300	1600	3	4	SE	3	8	2	2	0	0
06/08/2021	5	JRM	0845	1145	1	4	E	2	8	1	2	0	0
06/08/2021	5	JRM	0845	1145	2	4	E	4	8	1	2	0	0
06/08/2021	5	JRM	0845	1145	3	4	E	4	8	1	1	0	0
11/08/2021	5	JRM	0715	1215	1	2	SE	2	8	1	1	0	0
11/08/2021	5	JRM	0715	1215	2	2	SE	2	8	1	1	0	0
11/08/2021	5	JRM	0715	1215	3	3	SE	2	8	1	1	0	0
11/08/2021	5	JRM	0715	1215	4	2	SE	3	8	0	0	0	0
11/08/2021	5	JRM	0715	1215	5	2	SE	3	8	0	0	0	0
28/03/2022	6	MW	0815	1415	1	2	N	0	2	2	2	1	0
28/03/2022	6	MW	0815	1415	2	3	N	0	2	2	2	0	0
28/03/2022	6	MW	0815	1415	3	3	N	0	3	2	2	0	0
28/03/2022	6	MW	0815	1415	4	4	N	0	3	2	2	0	0
28/03/2022	6	MW	0815	1415	5	5	NNE	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
28/03/2022	6	MW	0815	1415	6	5	NNE	0	4	2	2	0	0
29/03/2022	6	MW	0900	1500	1	1	SE	0	8	2	2	0	0
29/03/2022	6	MW	0900	1500	2	1	SE	2	8	2	2	0	0
29/03/2022	6	MW	0900	1500	3	2	SE	0	8	2	2	0	0
29/03/2022	6	MW	0900	1500	4	3	SE	0	7	2	2	0	0
29/03/2022	6	MW	0900	1500	5	4	SE	0	7	2	2	0	0
29/03/2022	6	MW	0900	1500	6	5	SE	0	7	2	2	0	0
25/04/2022	7	JR	0830	1500	1	1	SE	2	8	2	2	0	0
25/04/2022	7	JR	0830	1500	2	2	S	0	8	2	2	0	0
25/04/2022	7	JR	0830	1500	3	1	S	2	8	2	2	0	0
25/04/2022	7	JR	0830	1500	4	2	S	2	7	2	2	0	0
25/04/2022	7	JR	0830	1500	5	2	SW	0	7	2	2	0	0
25/04/2022	7	JR	0830	1500	6	2	SW	0	7	2	2	0	0
25/04/2022	7	JR	0830	1500	7	2	SW	0	6	2	2	0	0
26/04/2022	7	JR	0815	1530	1	1	SE	0	7	2	2	0	0
26/04/2022	7	JR	0815	1530	2	2	E	0	8	2	2	0	0
26/04/2022	7	JR	0815	1530	3	2	NE	2	8	2	2	0	0
26/04/2022	7	JR	0815	1530	4	2	NE	0	8	2	2	0	0
26/04/2022	7	JR	0815	1530	5	2	NE	2	7	2	2	0	0
26/04/2022	7	JR	0815	1530	6	2	E	2	8	2	2	0	0
26/04/2022	7	JR	0815	1530	7	1	E	2	8	2	2	0	0
26/04/2022	7	JR	0815	1530	8	1	E	1	8	2	2	0	0
27/04/2022	7	JR	0750	1250	1	1	E	0	8	2	2	0	0
27/04/2022	7	JR	0750	1250	2	2	SE	0	8	2	2	0	0
27/04/2022	7	JR	0750	1250	3	1	SE	0	7	2	2	0	0
27/04/2022	7	JR	0750	1250	4	1	SE	0	6	2	2	0	0
27/04/2022	7	JR	0750	1250	5	1	SE	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	1	2	W	2	8	1	1	0	0
23/05/2022	8	JRM	0820	1620	2	2	W	4	8	2	1	0	0
23/05/2022	8	JRM	0820	1620	3	4	W	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	4	4	W	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	5	4	W	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	6	4	W	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	7	4	WNW	0	7	2	2	0	0
23/05/2022	8	JRM	0820	1620	8	4	WNW	0	6	2	2	0	0
24/05/2022	8	JRM	0930	1530	1	2	WNW	0	6	2	2	0	0
24/05/2022	8	JRM	0930	1530	2	3	WNW	0	6	2	2	0	0
24/05/2022	8	JRM	0930	1530	3	3	WNW	0	5	2	2	0	0
24/05/2022	8	JRM	0930	1530	4	3	WNW	0	5	2	2	0	0
24/05/2022	8	JRM	0930	1530	5	4	WNW	2	7	2	2	0	0
24/05/2022	8	JRM	0930	1530	6	4	WNW	0	6	2	2	0	0
25/05/2022	8	JRM	1300	1800	1	7	WNW	2	6	2	2	0	0
25/05/2022	8	JRM	1300	1800	2	7	WNW	0	5	2	2	0	0
25/05/2022	8	JRM	1300	1800	3	6	WNW	2	5	2	2	0	0
25/05/2022	8	JRM	1300	1800	4	6	WNW	2	6	2	2	0	0
25/05/2022	8	JRM	1300	1800	5	6	WNW	2	5	2	2	0	0
27/05/2022	8	JRM	1000	1330	1	6	WNW	2	5	2	2	0	0
27/05/2022	8	JRM	1000	1330	2	5	WNW	2	5	2	2	0	0
27/05/2022	8	JRM	1000	1330	3	4	WNW	2	5	2	2	0	0
27/05/2022	8	JRM	1000	1330	4	4	WNW	2	5	2	2	0	0
29/06/2022	9	JRM	0800	1600	1	1	SE	2	8	0	1	0	0
29/06/2022	9	JRM	0800	1600	2	2	SE	3	8	1	1	0	0
29/06/2022	9	JRM	0800	1600	3	3	SE	0	6	1	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
29/06/2022	9	JRM	0800	1600	4	3	SE	2	7	2	2	0	0
29/06/2022	9	JRM	0800	1600	5	3	SSE	0	6	2	2	0	0
29/06/2022	9	JRM	0800	1600	6	3	SSW	0	5	2	2	0	0
29/06/2022	9	JRM	0800	1600	7	2	SSW	0	4	2	2	0	0
29/06/2022	9	JRM	0800	1600	8	2	SSW	0	4	2	2	0	0
30/06/2022	9	JRM	0900	1700	1	1	SE	0	8	2	2	0	0
30/06/2022	9	JRM	0900	1700	2	2	SE	0	7	2	2	0	0
30/06/2022	9	JRM	0900	1700	3	2	SE	0	5	2	2	0	0
30/06/2022	9	JRM	0900	1700	4	2	S	0	7	2	2	0	0
30/06/2022	9	JRM	0900	1700	5	3	SW	0	6	2	2	0	0
30/06/2022	9	JRM	0900	1700	6	3	WSW	0	7	2	2	0	0
30/06/2022	9	JRM	0900	1700	7	2	W	2	7	2	2	0	0
30/06/2022	9	JRM	0900	1700	8	2	W	0	6	2	2	0	0
01/07/2022	9	JRM	0930	1130	1	2	WSW	0	6	2	2	0	0
01/07/2022	9	JRM	0930	1130	2	3	W	0	7	2	2	0	0
19/07/2022	10	MW	0830	1430	1	2	W	0	3	2	2	0	0
19/07/2022	10	MW	0830	1430	2	3	W	0	3	2	2	0	0
19/07/2022	10	MW	0830	1430	3	3	W	0	2	2	2	0	0
19/07/2022	10	MW	0830	1430	4	4	WSW	0	3	2	2	0	0
19/07/2022	10	MW	0830	1430	5	3	WSW	0	4	2	2	0	0
19/07/2022	10	MW	0830	1430	6	3	WSW	0	5	2	2	0	0
20/07/2022	10	MW	0700	1300	1	3	WNW	0	8	2	2	0	0
20/07/2022	10	MW	0700	1300	2	4	WNW	0	8	2	2	0	0
20/07/2022	10	MW	0700	1300	3	4	WNW	0	7	2	2	0	0
20/07/2022	10	MW	0700	1300	4	5	WNW	0	6	2	2	0	0
20/07/2022	10	MW	0700	1300	5	5	WNW	0	5	2	2	0	0
20/07/2022	10	MW	0700	1300	6	4	WNW	0	6	2	2	0	0
04/08/2022	11	JR	0810	1410	1	3	W	0	4	2	2	0	0
04/08/2022	11	JR	0810	1410	2	3	WNW	0	4	2	2	0	0
04/08/2022	11	JR	0810	1410	3	3	WNW	0	4	2	2	0	0
04/08/2022	11	JR	0810	1410	4	3	WNW	0	4	2	2	0	0
04/08/2022	11	JR	0810	1410	5	3	WNW	0	3	2	2	0	0
04/08/2022	11	JR	0810	1410	6	3	WNW	0	3	2	2	0	0
05/08/2022	11	JR	0800	1400	1	2	WNW	0	5	2	2	0	0
05/08/2022	11	JR	0800	1400	2	2	WNW	0	4	2	2	0	0
05/08/2022	11	JR	0800	1400	3	3	W	0	4	2	2	0	0
05/08/2022	11	JR	0800	1400	4	3	W	0	4	2	2	0	0
05/08/2022	11	JR	0800	1400	5	3	W	2	4	2	2	0	0
05/08/2022	11	JR	0800	1400	6	3	W	2	4	2	2	0	0
11/04/2023	AT <sup>2</sup> 1	JRM	0730	1600	1	3	WSW	0	5	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	2	4	WSW	2	6	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	3	4	WSW	3	7	1	1	0	0
11/04/2023	AT 1	JRM	0730	1600	4	3	WSW	0	5	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	5	3	SW	0	5	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	6	3	SW	0	3	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	7	4	SW	0	4	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	8	4	SSW	0	4	2	2	0	0
11/04/2023	AT 1	JRM	0730	1600	9	3	SSE	0	4	2	2	0	0
12/04/2023	AT 1	JRM	0930	1300	1	4	SSW	0	8	2	2	0	1
12/04/2023	AT 1	JRM	0930	1300	2	4	SSW	0	8	2	2	0	1
12/04/2023	AT 1	JRM	0930	1300	3	4	SSW	2	8	2	2	0	1
12/04/2023	AT 1	JRM	0930	1300	4	4	S	0	7	2	2	0	1
30/05/2023	AT 2	JRM	0720	1520	1	1	S	0	0	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
30/05/2023	AT 2	JRM	0720	1520	2	1	S	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	3	1	S	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	4	1	SSW	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	5	2	SSW	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	6	2	SW	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	7	2	SW	0	0	2	2	0	0
30/05/2023	AT 2	JRM	0720	1520	8	2	SW	0	0	2	2	0	0
31/05/2023	AT 2	JRM	0830	1230	1	1	ESE	0	8	0	2	0	0
31/05/2023	AT 2	JRM	0830	1230	2	1	ESE	0	8	0	2	0	0
31/05/2023	AT 2	JRM	0830	1230	3	2	ESE	0	7	1	2	0	0
31/05/2023	AT 2	JRM	0830	1230	4	3	ESE	0	0	2	2	0	0
07/06/2023	AT 2	JR	0800	1000	1	0	-	1	8	1	0	0	0
07/06/2023	AT 2	JRM	0800	1000	1	1	ESE	1	8	0	1	0	0
07/06/2023	AT 2	JR	0800	1000	2	1	-	1	8	1	0	0	0
07/06/2023	AT 2	JRM	0800	1000	2	1	ESE	1	8	0	1	0	0
03/07/2023	AT 3	JR	0910	1510	1	4	SW	2	6	2	2	0	0
03/07/2023	AT 3	JR	0910	1510	2	4	SW	2	6	2	2	0	0
03/07/2023	AT 3	JR	0910	1510	3	4	SW	3	7	1	2	0	0
03/07/2023	AT 3	JR	0910	1510	4	4	SW	3	7	1	1	0	0
03/07/2023	AT 3	JR	0910	1510	5	4	SW	3	8	1	2	0	0
03/07/2023	AT 3	JR	0910	1510	6	4	SW	2	8	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	1	1	W	0	7	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	2	2	WSW	0	7	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	3	2	SW	0	7	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	4	2	SW	2	6	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	5	2	SW	2	5	2	2	0	0
26/07/2023	AT 4	JR	0815	1415	6	2	SW	0	7	2	2	0	0

## C.5 Black Grouse Surveys

Black grouse surveys were undertaken during the 2021, 2022 and 2023 breeding seasons. **Table C-7** details survey dates and weather data recorded. Refer to **Annex B** for survey methodology and **Annex D** for survey results.

**Table C-7 Meteorological conditions during black grouse surveys at Glentarken Wind Farm (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
29/04/2021	1	JM	0440	0740	1	1	N	0	3	2	2	1	2
29/04/2021	1	JM	0440	0740	2	1	NW	0	2	2	2	1	2
29/04/2021	1	JM	0440	0740	3	1	NW	0	2	2	2	1	2
30/04/2021	1	JM	0440	0740	1	1	SE	0	6	2	2	0	2
30/04/2021	1	JM	0440	0740	2	2	N	0	6	2	2	0	2
30/04/2021	1	JM	0440	0740	3	2	N	0	3	2	2	0	2
28/05/2021	2	DS	0340	0410	1	0	-	0	7	2	1	0	0
28/05/2021	2	JR	0340	0640	1	0	-	0	3	2	2	0	2
28/05/2021	2	JR	0340	0640	2	1	VAR	0	3	2	2	0	2
28/05/2021	2	JR	0340	0640	3	1	SW	0	4	2	2	0	2
27/04/2022	3	EB	0440	0710	1	2	NE	0	8	2	2	0	0
27/04/2022	3	SK	0440	0640	1	2	SE	0	8	1	2	0	2
27/04/2022	3	EB	0440	0710	2	2	NE	0	8	2	2	0	0
27/04/2022	3	SK	0440	0640	2	2	SE	0	8	1	2	0	2
27/04/2022	3	EB	0440	0710	3	2	NE	0	8	2	2	0	0
26/05/2022	4	JRM	0330	0630	1	5	WSW	2	7	1	2	0	0
26/05/2022	4	SK	0330	0615	1	5	NW	2	8	1	2	0	0
26/05/2022	4	JRM	0330	0630	2	5	WSW	0	6	2	2	0	0
26/05/2022	4	SK	0330	0615	2	5	NW	1	7	0	1	0	0
26/05/2022	4	JRM	0330	0630	3	5	WSW	0	6	2	2	0	0
26/05/2022	4	SK	0330	0615	3	4	NW	0	7	1	2	0	0
11/04/2023	AT <sup>2</sup> 1	JM	0600	0900	1	1	WSW	1	8	2	2	0	2
11/04/2023	AT 1	JM	0600	0900	2	2	WSW	2	7	2	2	0	2
11/04/2023	AT 1	JM	0600	0900	3	3	W	0	3	2	2	0	2
12/04/2023	AT 1	JM	0615	0915	1	5	SSW	4	8	1	2	0	2
12/04/2023	AT 1	JM	0615	0915	2	5	SSW	4	8	1	2	0	1
12/04/2023	AT 1	JM	0615	0915	3	6	SSW	3	8	1	2	0	1
24/05/2023	AT 2	JM	0410	0710	1	3	SW	0	3	2	2	0	0
24/05/2023	AT 2	JM	0410	0710	2	2	SW	0	3	2	2	0	0
24/05/2023	AT 2	JM	0410	0710	3	2	SW	0	4	2	2	0	0
25/05/2023	AT 2	JM	0410	0710	1	0	-	0	3	2	2	0	0
25/05/2023	AT 2	JM	0410	0710	2	0	-	0	7	2	2	0	0
25/05/2023	AT 2	JM	0410	0710	3	0	-	0	8	2	2	0	0