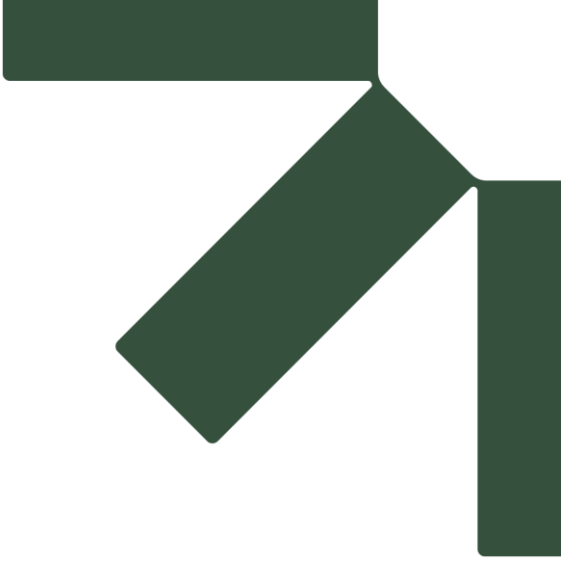




Annex B: Weather Data

B.1 VP survey weather data, April 2021-March 2023

Table 1: Weather Data collected during VP Surveys, April 2021-March 2023

Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
14/04/2021	09:50	12:50	1	0	NA	0	2	2	2	0	0	5
14/04/2021	09:50	12:50	2	1	S	0	4	2	2	0	0	5
14/04/2021	09:50	12:50	3	1	S	0	6	2	2	0	0	6
14/04/2021	13:20	16:20	1	1	S	0	4	2	2	0	0	5
14/04/2021	13:20	16:20	2	1	S	0	5	2	2	0	0	6
14/04/2021	13:20	16:20	3	1	S	0	6	2	2	0	0	6
29/04/2021	06:55	09:55	1	1	NE	0	6	2	2	0	1	1
29/04/2021	06:55	09:55	2	1	NE	0	4	2	2	0	2	1
29/04/2021	06:55	09:55	3	1	N	0	6	2	2	0	0	2
29/04/2021	10:25	13:25	1	1	E	0	4	2	2	0	0	2
29/04/2021	10:25	13:25	2	1	E	2	7	2	2	0	0	2
29/04/2021	10:25	13:25	3	1	E	0	7	2	2	0	0	4
11/05/2021	11:30	14:30	1	4	S	0	6	2	2	0	0	10.2
11/05/2021	11:30	14:30	2	3	S	0	6	2	2	0	0	10.6
11/05/2021	11:30	14:30	3	3	S	2	6	2	2	0	0	9.9
11/05/2021	14:45	16:15	1	2	S	0	6	2	2	0	0	10.8
11/05/2021	14:45	16:15	2	2	S	2	6	2	2	0	0	10.8
19/05/2021	13:45	15:15	1	1	W	1	7	2	2	0	0	6



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
19/05/2021	13:45	15:15	2	1	W	1	6	2	2	0	0	6
28/05/2021	09:30	12:30	1	3	SE	0	4	2	2	0	0	10
28/05/2021	09:30	12:30	2	3	SW	0	4	2	2	0	0	11
28/05/2021	09:30	12:30	3	4	SW	0	5	2	2	0	0	11
28/05/2021	13:00	16:00	1	2	S	0	7	2	2	0	0	14
28/05/2021	13:00	16:00	2	2	S	0	7	2	2	0	0	15
28/05/2021	13:00	16:00	3	4	S	0	7	2	2	0	0	14
01/06/2021	10:30	13:30	1	4	SE	0	6	1	1	0	0	18
01/06/2021	10:30	13:30	2	4	SE	0	6	1	1	0	0	19
01/06/2021	10:30	13:30	3	4	SE	0	4	2	1	0	0	20
01/06/2021	14:00	17:00	1	4	SE	0	5	2	1	0	0	20
01/06/2021	14:00	17:00	2	4	SE	0	3	2	1	0	0	20
01/06/2021	14:00	17:00	3	4	SE	0	3	2	2	0	0	19
29/06/2021	13:00	16:00	1	1	SW	0	4	2	2	0	0	20
29/06/2021	13:00	16:00	2	1	SW	0	2	2	2	0	0	20
29/06/2021	13:00	16:00	3	1	SW	0	2	2	2	0	0	20
01/07/2021	09:45	12:45	1	1	SE	0	7	2	2	0	0	18
01/07/2021	09:45	12:45	2	1	S	0	4	2	2	0	0	20
01/07/2021	09:45	12:45	3	1	S	0	4	2	2	0	0	20
08/07/2021	06:20	09:20	1	2	SW	0	3	2	2	0	0	10
08/07/2021	06:20	09:20	2	2	SW	0	2	2	2	0	0	11



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
08/07/2021	06:20	09:20	3	1	SW	0	4	2	2	0	0	12
08/07/2021	09:50	12:50	1	1	SW	0	7	2	2	0	0	16
08/07/2021	09:50	12:50	2	1	S	0	8	2	2	0	0	17
08/07/2021	09:50	12:50	3	1	SW	0	8	2	2	0	0	18
09/07/2021	07:05	10:05	1	0		0	5	2	2	0	0	12
09/07/2021	07:05	10:05	2	0		0	6	2	2	0	0	14
09/07/2021	07:05	10:05	3	2	SE	0	8	1	1	0	0	15
09/07/2021	10:35	13:35	1	1		0	8	1	2	0	0	16
09/07/2021	10:35	13:35	2	1		3	8	1	2	0	0	16
09/07/2021	10:35	13:35	3	2	SW	2	8	1	1	0	0	17
25/08/2021	10:45	13:45	1	1	NE	0	4	0	2	0	0	14
25/08/2021	10:45	13:45	2	2	N	0	2	0	2	0	0	16
25/08/2021	10:45	13:45	3	1	N	0	1	2	2	0	0	18
25/08/2021	14:15	17:15	1	1	SE	0	1	2	0	0	0	21
25/08/2021	14:15	17:15	2	1	S	0	1	2	0	0	0	22
25/08/2021	14:15	17:15	3	1	S	0	2	2	0	0	0	23
31/08/2021	11:00	14:00	1	2	E	0	7	2	2	0	0	17
31/08/2021	11:00	14:00	2	2	E	0	7	2	2	0	0	16
31/08/2021	11:00	14:00	3	1	E	0	8	2	2	0	0	16
31/08/2021	14:30	17:30	1	1	E	0	8	2	2	0	0	15
31/08/2021	14:30	17:30	2	1	NE	0	8	2	2	0	0	15



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
31/08/2021	14:30	17:30	3	1	NE	0	8	2	2	0	0	12
21/09/2021	09:50	12:50	1	3	SE	0	8	1	1	0	0	10
21/09/2021	09:50	12:50	2	3	SE	0	7	2	2	0	0	10
21/09/2021	09:50	12:50	3	2	SE	0	7	2	2	0	0	12
21/09/2021	13:20	16:20	1	2	SE	0	6	2	2	0	0	12
21/09/2021	13:20	16:20	2	2	SE	0	5	2	2	0	0	13
21/09/2021	13:20	16:20	3	3	SE	0	5	2	2	0	0	13
28/09/2021	09:20	12:20	1	3	SW	0	7	1	1	0	0	10
28/09/2021	09:20	12:20	2	3	SW	0	7	2	2	0	0	10
28/09/2021	09:20	12:20	3	2	SW	0	6	2	2	0	0	10
28/09/2021	12:50	15:50	1	2	SW	0	7	2	2	0	0	12
28/09/2021	12:50	15:50	2	2	SW	2	8	1	2	0	0	11
28/09/2021	12:50	15:50	3	2	SW	2	8	1	1	0	0	10
20/10/2021	09:50	12:50	1	3	SW	0	8	1	1	0	0	8
20/10/2021	09:50	12:50	2	3	SW	0	7	2	2	0	0	8
20/10/2021	09:50	12:50	3	3	SW	2	6	2	2	0	0	8
20/10/2021	13:20	16:20	1	3	SW	0	6	2	2	0	0	9
20/10/2021	13:20	16:20	2	3	W	0	6	2	2	0	0	10
20/10/2021	13:20	16:20	3	4	W	0	7	2	2	0	0	9
22/10/2021	10:15	13:15	1	2	NW	0	3	2	2	0	0	6
22/10/2021	10:15	13:15	2	1	NW	0	4	2	2	0	0	6



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
22/10/2021	10:15	13:15	3	1	N	0	2	2	2	0	0	8
22/10/2021	13:45	16:45	1	1	NW	0	2	2	2	0	0	9
22/10/2021	13:45	16:45	2	2	NW	0	4	2	2	0	0	9
22/10/2021	13:45	16:45	3	2	NW	0	4	2	2	0	0	9
10/11/2021	09:40	12:40	1	1	W	0	3	2	2	0	0	5
10/11/2021	09:40	12:40	2	1	W	0	6	2	2	0	0	6
10/11/2021	09:40	12:40	3	1	W	0	4	2	2	0	0	6
10/11/2021	13:10	13:40	0.5	1	W	2	8	1	2	0	0	6
15/11/2021	10:15	13:15	1	1	SW	0	7	1	1	0	0	8
15/11/2021	10:15	13:15	2	1	SW	0	6	2	2	0	0	8
15/11/2021	10:15	13:15	3	1	SW	0	5	2	2	0	0	8
15/11/2021	13:15	16:15	1	1	W	0	4	2	2	0	0	8
15/11/2021	13:15	16:15	2	2	W	0	4	2	2	0	0	7
15/11/2021	13:15	16:15	3	2	SW	0	3	2	2	0	0	6
17/11/2021	10:10	10:40	1	1	W	0	8	1	1	0	0	5
17/11/2021	11:30	12:30	2	1	W	1	6	2	2	0	0	5
17/11/2021	12:30	13:30	3	4	W	1	7	1	2	0	0	6
09/12/2021	12:10	13:10	1	2	W	2	8	1	1	1	1	3
10/12/2021	08:25	11:25	1	2	SW	0	4	2	2	1	2	0
10/12/2021	08:25	11:25	2	2	SW	0	2	2	2	1	2	0
10/12/2021	08:25	11:25	3	2	SW	0	1	2	2	1	2	1



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
10/12/2021	11:55	14:55	1	2	W	0	1	2	2	1	2	1
10/12/2021	11:55	14:55	2	2	W	0	2	2	2	1	2	1
10/12/2021	11:55	14:55	3	2	W	0	2	2	2	1	2	1
13/12/2021	09:00	12:00	1	3	SW	1	8	1	2	0	0	1
13/12/2021	09:00	12:00	2	4	SW	0	6	2	2	0	0	2
13/12/2021	09:00	12:00	3	4	SW	0	6	2	2	0	0	3
13/12/2021	12:30	14:30	1	3	SW	0	7	2	2	0	0	3
13/12/2021	12:30	14:30	2	3	SW	0	7	2	2	0	0	3
19/01/2022	09:10	12:10	1	2	NW	0	2	2	2	0	0	4
19/01/2022	09:10	12:10	2	3	NW	0	1	2	2	0	0	3
19/01/2022	09:10	12:10	3	3	NW	1	1	2	2	0	0	3
19/01/2022	12:40	15:40	1	4	W	0	1	2	2	0	0	3
19/01/2022	12:40	15:40	2	3	W	0	1	2	2	0	0	3
19/01/2022	12:40	15:40	3	4	W	0	1	2	2	0	0	2
20/01/2022	09:05	12:05	1	2	NW	0	1	2	2	0	1	2
20/01/2022	09:05	12:05	2	2	NW	0	1	2	2	0	1	2
20/01/2022	09:05	12:05	3	2	W	0	1	2	2	0	1	2
20/01/2022	12:35	15:35	1	2	W	0	5	2	2	0	1	3
20/01/2022	12:35	15:35	2	2	W	0	6	2	2	0	2	2
20/01/2022	12:35	15:35	3	1	W	0	6	2	2	0	2	1
14/02/2022	10:15	13:15	1	3	NW	0	8	2	2	2	0	3



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
14/02/2022	10:15	13:15	2	4	NW	0	8	2	2	2	0	3
14/02/2022	10:15	13:15	3	4	NW	0	6	2	2	2	0	3
14/02/2022	13:45	16:45	1	3	NW	0	4	2	2	0	0	4
14/02/2022	13:45	16:45	2	3	NW	0	3	2	2	0	0	5
14/02/2022	13:45	16:45	3	3	NW	0	5	2	2	0	0	5
21/02/2022	10:00	13:00	1	3	W	0	7	2	2	1	0	4
21/02/2022	10:00	13:00	2	3	W	0	7	2	2	1	0	5
21/02/2022	10:00	13:00	3	4	W	0	6	2	2	1	0	5
21/02/2022	13:30	16:30	1	3	W	0	3	2	2	1	0	5
21/02/2022	13:30	16:30	2	4	W	0	2	2	2	1	0	5
21/02/2022	13:30	16:30	3	3	W	0	1	2	2	1	0	5
08/03/2022	08:40	11:40	1	3	S	0	2	2	2	2	1	3
08/03/2022	08:40	11:40	2	2	S	0	1	2	2	2	1	3
08/03/2022	08:40	11:40	3	3	S	0	0	2	2	2	1	4
08/03/2022	12:10	15:10	1	2	S	0	0	2	2	2	0	4
08/03/2022	12:10	15:10	2	2	S	0	1	2	2	2	0	4
08/03/2022	12:10	15:10	3	2	S	0	2	2	2	2	0	4
30/03/2022	09:00	12:00	1	4	NE	2	7	2	2	1	0	2
30/03/2022	09:00	12:00	2	4	NE	0	6	2	2	1	0	3
30/03/2022	09:00	12:00	3	4	NE	0	3	2	2	1	0	4
30/03/2022	12:30	15:30	1	4	NE	0	4	2	2	2	0	4



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
30/03/2022	12:30	15:30	2	3	NE	0	3	2	2	2	0	4
30/03/2022	12:30	15:30	3	3	NE	2	4	2	2	2	0	3
21/04/2022	07:20	10:20	1	2	S	0	3	2	2	0	0	2
21/04/2022	07:20	10:20	2	2	SE	0	4	2	2	0	0	3
21/04/2022	07:20	10:20	3	2	E	0	7	2	2	0	0	5
21/04/2022	10:50	13:50	1	2	E	0	4	2	2	0	0	8
21/04/2022	10:50	13:50	2	2	E	0	2	2	2	0	0	7
21/04/2022	10:50	13:50	3	3	SE	0	2	2	2	0	0	6
26/04/2022	09:20	12:20	1	2	E	1	7	2	2	0	0	5
26/04/2022	09:20	12:20	2	1	E	0	8	2	2	0	0	5
26/04/2022	09:20	12:20	3	1	E	0	8	2	2	0	0	5
26/04/2022	12:50	15:50	1	1	SE	0	8	2	2	0	0	6
26/04/2022	12:50	15:50	2	1	S	0	8	2	2	0	0	6
26/04/2022	12:50	15:50	3	2	S	0	8	2	2	0	0	5
26/05/2022	08:55	11:55	1	4	SW	0	7	2	2	0	0	8
26/05/2022	08:55	11:55	2	5	SW	0	7	2	2	0	0	9
26/05/2022	08:55	11:55	3	5	SW	0	4	2	2	0	0	9
26/05/2022	12:25	15:25	1	5	SW	1	8	2	2	0	0	9
26/05/2022	12:25	15:25	2	5	SW	2	7	2	2	0	0	9
26/05/2022	12:25	15:25	3	5	SW	0	3	2	2	0	0	8
30/05/2022	10:00	13:00	1	0	NE	0	8	2	2	0	0	8



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
30/05/2022	10:00	13:00	2	0	NE	0	7	2	2	0	0	9
30/05/2022	10:00	13:00	3	0	NE	0	7	2	2	0	0	9
30/05/2022	13:15	16:15	1	0	NE	0	5	2	2	0	0	9
30/05/2022	13:15	16:15	2	2	NE	0	8	2	2	0	0	8
30/05/2022	13:15	16:15	3	1	NE	0	7	2	2	0	0	9
22/06/2022	11:00	14:00	1	2	S	0	6	2	2	0	0	14
22/06/2022	11:00	14:00	2	2	S	0	5	2	2	0	0	14
22/06/2022	11:00	14:00	3	2	S	0	4	2	2	0	0	16
22/06/2022	14:30	17:30	1	3	S	0	3	2	2	0	0	16
22/06/2022	14:30	17:30	2	2	S	0	4	2	2	0	0	16
22/06/2022	14:30	17:30	3	2	S	0	5	2	2	0	0	16
23/06/2022	10:30	13:30	1	2	SW	0	8	2	2	0	0	16
23/06/2022	10:30	13:30	2	2	SW	0	7	2	2	0	0	18
23/06/2022	10:30	13:30	3	2	SW	0	6	2	2	0	0	18
23/06/2022	14:00	17:00	1	2	SW	0	8	2	2	0	0	18
23/06/2022	14:00	17:00	2	1	SW	0	8	2	2	0	0	16
23/06/2022	14:00	17:00	3	1	SW	0	7	2	2	0	0	17
11/07/2022	10:30	13:30	1	1	SE	0	6	2	2	0	0	18
11/07/2022	10:30	13:30	2	2	SE	0	6	2	2	0	0	19
11/07/2022	10:30	13:30	3	1	SE	0	5	2	2	0	0	21
11/07/2022	14:00	17:00	1	2	SE	0	7	2	2	0	0	22



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
11/07/2022	14:00	17:00	2	2	SE	0	8	2	2	0	0	18
11/07/2022	14:00	17:00	3	2	SE	0	7	2	2	0	0	17
19/07/2022	09:30	12:30	1	2	SE	0	2	2	2	0	0	22
19/07/2022	09:30	12:30	2	2	SE	0	3	2	2	0	0	24
19/07/2022	09:30	12:30	3	2	SE	0	5	2	2	0	0	27
19/07/2022	12:45	15:45	1	1	SE	0	6	2	2	0	0	26
19/07/2022	12:45	15:45	2	1	SE	0	4	2	2	0	0	28
19/07/2022	12:45	15:45	3	1	SE	0	3	2	2	0	0	29
31/08/2022	12:00	15:00	1	1	E	0	7	2	2	0	0	14
31/08/2022	12:00	15:00	2	1	E	0	7	2	2	0	0	15
31/08/2022	12:00	15:00	3	1	E	0	7	2	2	0	0	16
31/08/2022	15:30	18:30	1	0	E	0	5	2	2	0	0	16
31/08/2022	15:30	18:30	2	0	E	0	4	2	2	0	0	16
31/08/2022	15:30	18:30	3	0	E	0	3	2	2	0	0	17
01/09/2022	12:45	15:45	1	1	SE	0	3	2	2	0	0	16
01/09/2022	12:45	15:45	2	1	E	0	4	2	2	0	0	18
01/09/2022	12:45	15:45	3	0	E	0	3	2	2	0	0	20
01/09/2022	16:15	19:15	1	1	SE	0	5	2	2	0	0	18
01/09/2022	16:15	19:15	2	1	SE	0	5	2	2	0	0	16
01/09/2022	16:15	19:15	3	0	SE	0	2	2	2	0	0	16
13/09/2022	10:30	13:30	1	4	W	0	1	2	2	0	0	16



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
13/09/2022	10:30	13:30	2	4	W	0	1	2	2	0	0	17
13/09/2022	10:30	13:30	3	4	W	0	1	2	2	0	0	17
13/09/2022	14:00	17:00	1	4	W	0	1	2	2	0	0	18
13/09/2022	14:00	17:00	2	4	W	0	2	2	2	0	0	18
13/09/2022	14:00	17:00	3	4	W	0	1	2	2	0	0	17
14/09/2022	10:30	13:30	1	4	W	0	1	2	2	0	0	15
14/09/2022	10:30	13:30	2	4	W	0	3	2	2	0	0	16
14/09/2022	10:30	13:30	3	4	W	0	4	2	2	0	0	16
14/09/2022	14:00	17:00	1	4	W	0	3	2	2	0	0	16
14/09/2022	14:00	17:00	2	5	W	0	4	2	2	0	0	16
14/09/2022	14:00	17:00	3	5	W	0	4	2	2	0	0	16
03/11/2022	12:15	15:15	1	1	S	0	7	2	2	0	0	8
03/11/2022	12:15	15:15	2	1	S	0	4	2	2	0	0	9
03/11/2022	12:15	15:15	3	1	S	0	4	2	2	0	0	10
04/11/2022	08:30	11:30	1	2	SW	0	3	2	2	0	1	3
04/11/2022	08:30	11:30	2	1	SW	0	8	1	1	0	0	4
04/11/2022	08:30	11:30	3	2	SW	0	8	0	0	0	0	5
27/11/2022	09:15	12:15	1	3	SW	1	8	1	1	0	0	8
27/11/2022	09:15	12:15	2	4	SW	0	6	2	2	0	0	9
27/11/2022	09:15	12:15	3	4	SW	0	4	2	2	0	0	9
27/11/2022	12:45	15:45	1	4	SW	0	2	2	2	0	0	10



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
27/11/2022	12:45	15:45	2	4	SW	0	2	2	2	0	0	9
27/11/2022	12:45	15:45	3	4	SW	0	6	2	2	0	0	9
08/12/2022	09:45	12:45	1	2	N	2	8	1	1	1	1	-3
08/12/2022	09:45	12:45	2	3	N	0	5	2	2	1	1	-2
08/12/2022	09:45	12:45	3	3	N	0	2	2	2	1	1	-1
08/12/2022	13:15	16:15	1	3	N	0	5	2	2	1	1	-1
08/12/2022	13:15	16:15	2	4	N	0	2	2	2	1	1	-1
08/12/2022	13:15	16:15	3	4	N	0	1	2	2	1	1	-1
08/12/2022	09:50	12:50	1	2	N	2	3	1	2	2	1	-2
08/12/2022	09:50	12:50	2	1	N	0	2	2	2	2	1	-1
08/12/2022	09:50	12:50	3	1	N	0	2	2	2	2	1	-1
08/12/2022	13:10	16:10	1	2	N	0	1	2	2	2	2	-1
08/12/2022	13:10	16:10	2	2	N	0	1	2	2	2	2	-2
08/12/2022	13:10	16:10	3	2	N	0	1	2	2	2	2	-2
22/02/2023	12:15	15:15	1	4	NE	0	6	2	2	0	0	9
22/02/2023	12:15	15:15	2	4	NE	0	2	2	2	0	0	9
22/02/2023	12:15	15:15	3	5	NE	0	4	2	2	0	0	7
24/02/2023	10:00	13:00	1	4	N	0	6	2	2	0	0	8
24/02/2023	10:00	13:00	2	5	N	0	4	2	2	0	0	8
24/02/2023	10:00	13:00	3	6	NW	0	3	2	2	0	0	7
24/02/2023	13:30	16:30	1	5	N	0	5	2	2	0	0	7



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
24/02/2023	13:30	16:30	2	6	N	1	4	2	2	0	0	7
24/02/2023	13:30	16:30	3	5	N	0	3	2	2	0	0	7
03/03/2023	10:20	13:20	1	1	N	0	8	2	2	2	1	4
03/03/2023	10:20	13:20	2	2	N	0	7	2	2	2	0	5
03/03/2023	10:20	13:20	3	2	N	0	6	2	2	0	0	7
03/03/2023	13:50	16:50	1	1	N	0	7	2	2	0	0	7
03/03/2023	13:50	16:50	2	2	NW	0	4	2	2	0	0	6
03/03/2023	13:50	16:50	3	1	NW	0	1	2	2	0	0	6
03/03/2023	10:00	13:00	1	1	NW	0	8	2	2	1	1	2
03/03/2023	10:00	13:00	2	1	NW	0	8	2	2	2	0	3
03/03/2023	10:00	13:00	3	1	NW	0	8	2	2	0	0	5
03/03/2023	13:30	16:30	1	1	W	0	8	2	2	0	0	5
03/03/2023	13:30	16:30	2	1	SW	0	5	2	2	0	0	6
03/03/2023	13:30	16:30	3	1	SW	0	1	2	2	0	0	7
15/03/2023	09:28	12:28	1	3	NE	0	8	2	2	1	2	0
15/03/2023	09:28	12:28	2	3	NE	0	7	2	2	1	2	0
15/03/2023	09:28	12:28	3	3	NE	0	7	2	2	1	2	1
15/03/2023	12:58	15:58	1	2	NE	0	8	2	2	1	2	1
15/03/2023	12:58	15:58	2	2	NE	0	8	2	2	1	2	2
15/03/2023	12:58	15:58	3	1	NE	0	8	2	2	1	2	2
15/03/2023	09:00	12:00	1	4	S	0	6	2	2	1	2	-1



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
15/03/2023	09:00	12:00	2	3	S	0	8	2	2	1	2	0
15/03/2023	09:00	12:00	3	2	S	0	8	2	2	1	2	0
Wind Speed (Beaufort scale) Calm: 0 Light air: 1 Light breeze: 2 Gentle breeze: 3 Moderate breeze: 4 Fresh breeze: 5 Strong breeze: 6 Moderate gale: 7 Gale: 8 Rain/ Precipitation None: 0 Drizzle: 1 Light showers / snow: 2 Heavy showers / snow: 3 Heavy rain / snow: 4 Cloud Cover Expressed in oktas (n/8) Cloud Height Height of cloud above average height of viewshed <150m: 0 150-500m: 1 >500m: 2 Visibility Poor (<1km): 0 Moderate (1-3km): 1 Good (>3km): 2 Visibility Poor (<1km): 0 Moderate (1-3km): 1 Good (>3km): 2 Frost None: 0 Ground: 1 All day: 2												



B.2 Weather Data Collected during Raptor, Breeding Bird and Black Grouse Surveys, April-July 2021 & April-July 2022

Table 2: Weather Data for All Other Surveys, April-July 2021 & April-July 2022

Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
15/04/2021	08:00	18:00	1	1	SW	0	3	2	2	0	0	3
15/04/2021	08:00	18:00	2	1	SW	0	3	2	2	0	0	3
15/04/2021	08:00	18:00	3	0		0	4	2	2	0	0	4
15/04/2021	08:00	18:00	4	1	S	0	2	2	2	0	0	5
15/04/2021	08:00	18:00	5	1	S	0	2	2	2	0	0	7
15/04/2021	08:00	18:00	6	2	S	0	1	2	2	0	0	9
15/04/2021	08:00	18:00	7	1	S	0	0	2	2	0	0	10
15/04/2021	08:00	18:00	8	1	S	0	0	2	2	0	0	10
15/04/2021	08:00	18:00	9	2	S	0	2	2	2	0	0	8
15/04/2021	08:00	18:00	10	2	S	0	3	2	2	0	0	8
16/04/2021	05:15	07:30	1	1	NW	0	8	2	2	0	0	1
16/04/2021	05:15	07:30	2	2	NW	0	8	2	2	0	0	1
16/04/2021	05:15	07:30	3	1	NW	0	7	2	2	0	0	1
22/04/2021	08:00	15:00	1	2	W	0	1	2	2	0	0	1
22/04/2021	08:00	15:00	2	2	W	0	0	2	2	0	0	1
22/04/2021	08:00	15:00	3	1	W	0	0	2	2	0	0	2
22/04/2021	08:00	15:00	4	1	W	0	1	2	2	0	0	2



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
22/04/2021	08:00	15:00	5	2	W	0	1	2	2	0	0	4
22/04/2021	08:00	15:00	6	2	W	0	1	2	2	0	0	5
22/04/2021	08:00	15:00	7	2	W	0	0	2	2	0	0	5
26/04/2021	04:45	07:00	1	2	W	0	8	2	2	0	0	2
26/04/2021	04:45	07:00	2	2	W	0	8	2	2	0	0	2
26/04/2021	04:45	07:00	3	2	W	0	8	2	2	0	0	2
26/04/2021	07:00	12:00	1	2	W	0	8	2	2	0	0	3
26/04/2021	07:00	12:00	2	2	W	0	8	2	2	0	0	4
26/04/2021	07:00	12:00	3	3	W	0	7	2	2	0	0	5
26/04/2021	07:00	12:00	4	3	W	0	7	2	2	0	0	5
26/04/2021	07:00	12:00	5	3	W	1	8	2	2	0	0	5
28/04/2021	08:30	15:00	1	3	NE	0	6	2	2	0	0	2
28/04/2021	08:30	15:00	2	3	NE	0	6	2	2	0	0	2
28/04/2021	08:30	15:00	3	3	NE	0	5	2	2	0	0	2
28/04/2021	08:30	15:00	4	3	NE	0	6	2	2	0	0	3
28/04/2021	08:30	15:00	5	3	E	0	4	2	2	0	0	4
28/04/2021	08:30	15:00	6	3	E	0	3	2	2	0	0	4
13/05/2021	05:00	07:45	1	1	NE	0	8	0	0	0	0	9
13/05/2021	05:00	07:45	2	1	NE	0	8	0	0	0	0	9
17/05/2021	12:00	18:00	1	1	E	0	8	2	2	0	0	6



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
17/05/2021	12:00	18:00	2	2	E	0	8	2	2	0	0	8
17/05/2021	12:00	18:00	3	1	E	0	6	2	2	0	0	8
17/05/2021	12:00	18:00	4	1	E	0	4	2	2	0	0	9
17/05/2021	12:00	18:00	5	1	E	0	5	2	2	0	0	10
17/05/2021	12:00	18:00	6	1	E	0	2	2	2	0	0	10
19/05/2021	09:30	17:00	1	0		0	6	2	2	0	0	5
19/05/2021	09:30	17:00	2	1	W	0	7	2	2	0	0	5
19/05/2021	09:30	17:00	3	1	NW	0	5	2	2	0	0	6
19/05/2021	09:30	17:00	4	0		2	7	2	2	0	0	8
19/05/2021	09:30	17:00	5	1	N	0	4	2	2	0	0	9
19/05/2021	09:30	17:00	6	1	W	1	7	2	2	0	0	6
19/05/2021	09:30	17:00	7	1	W	1	6	2	2	0	0	6
20/05/2021	03:50	06:00	1	0		0	8	2	2	0	0	3
20/05/2021	03:50	06:00	2	1	N	0	8	2	2	0	0	4
20/05/2021	03:50	06:00	3	0		0	7	2	2	0	0	4
20/05/2021	06:00	09:30	1	0		0	7	2	2	0	0	3
20/05/2021	06:00	09:30	2	1	NE	0	8	2	2	0	0	5
20/05/2021	06:00	09:30	3	0		0	6	2	2	0	0	6
20/05/2021	06:00	09:30	4	1	NE	0	6	2	2	0	0	6
26/05/2021	15:00	20:30	1	2	N	0	6	2	2	0	0	16



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°C)
26/05/2021	15:00	20:30	2	2	W	2	7	2	2	0	0	16
26/05/2021	15:00	20:30	3	2	W	2	6	2	2	0	0	14
26/05/2021	15:00	20:30	4	2	W	1	5	2	2	0	0	12
26/05/2021	15:00	20:30	5	3	W	2	6	2	2	0	0	11
26/05/2021	15:00	20:30	6	2	W	0	7	2	2	0	0	9
27/05/2021	10:15	16:30	1	2	S	0	8	1	1	0	0	11
27/05/2021	10:15	16:30	2	2	S	0	8	1	1	0	0	12
27/05/2021	10:15	16:30	3	1	S	0	7	2	2	0	0	13
27/05/2021	10:15	16:30	4	2	S	0	6	2	2	0	0	14
27/05/2021	10:15	16:30	5	4	S	0	5	2	2	0	0	15
27/05/2021	10:15	16:30	6	3	S	0	3	2	2	0	0	14
27/05/2021	10:15	16:30	7	3	SW	0	4	2	2	0	0	14
17/06/2021	12:30	18:35	1	3	NE	0	4	2	2	0	0	16
17/06/2021	12:30	18:35	2	5	E	0	4	2	2	0	0	17
17/06/2021	12:30	18:35	3	4	NE	0	4	2	2	0	0	16
17/06/2021	12:30	18:35	4	4	E	0	3	2	2	0	0	16
17/06/2021	12:30	18:35	5	4	E	0	3	2	2	0	0	16
17/06/2021	12:30	18:35	6	3	NE	0	3	2	2	0	0	16
17/06/2021	12:30	18:35	7	3	NE	0	4	2	2	0	0	15
24/06/2021	10:20	15:10	1	4	S	0	7	1	1	0	0	17



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
24/06/2021	10:20	15:10	2	4	SW	0	7	1	1	0	0	18
24/06/2021	10:20	15:10	3	5	SW	1	7	2	2	0	0	18
24/06/2021	10:20	15:10	4	6	SW	2	8	0	0	0	0	16
24/06/2021	10:20	15:10	5	5	SW	3	8	0	0	0	0	16
29/06/2021	09:30	13:00	1	1	S	0	8	1	1	0	0	18
29/06/2021	09:30	13:00	2	1	S	0	8	1	1	0	0	18
29/06/2021	09:30	13:00	3	1	S	0	6	2	2	0	0	22
29/06/2021	09:30	13:00	4	1	S	0	5	2	2	0	0	23
01/07/2021	13:00	16:00	1	1	S	0	3	2	2	0	0	20
01/07/2021	13:00	16:00	2	1	S	0	2	2	2	0	0	20
01/07/2021	13:00	16:00	3	1	S	0	3	2	2	0	0	20
06/07/2021	10:50	16:50	1	2	NE	1	6	2	2	0	0	13
06/07/2021	10:50	16:50	2	4	NE	1	8	2	2	0	0	14
06/07/2021	10:50	16:50	3	4	NE	0	7	2	2	0	0	15
06/07/2021	10:50	16:50	4	2	NE	0	7	2	2	0	0	15
06/07/2021	10:50	16:50	5	3	NE	1	8	2	2	0	0	15
06/07/2021	10:50	16:50	6	4	NW	2	8	2	2	0	0	14
06/07/2021	10:50	16:50	7	5	NW	1	8	2	2	0	0	15
07/07/2021	09:15	15:15	1	2	NW	1	7	2	2	0	0	14
07/07/2021	09:15	15:15	2	2	W	1	8	2	2	0	0	14



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
07/07/2021	09:15	15:15	3	2	W	1	7	2	2	0	0	15
07/07/2021	09:15	15:15	4	3	NW	0	7	2	2	0	0	16
07/07/2021	09:15	15:15	5	3	NW	0	7	2	2	0	0	17
07/07/2021	09:15	15:15	6	3	NW	0	7	2	2	0	0	18
13/07/2021	09:20	15:50	1	1		0	5	2	2	0	0	17
13/07/2021	09:20	15:50	2	1	SW	0	5	2	2	0	0	18
13/07/2021	09:20	15:50	3	3	SW	0	8	1	1	0	0	19
13/07/2021	09:20	15:50	4	3	S	0	8	2	2	0	0	19
13/07/2021	09:20	15:50	5	2	SE	0	6	2	2	0	0	20
13/07/2021	09:20	15:50	6	2	SW	0	5	2	2	0	0	20
13/07/2021	09:20	15:50	7	2	SW	0	4	2	2	0	0	20
24/05/2022	09:00	16:00	1	2	W	0	8	2	2	0	0	8
24/05/2022	09:00	16:00	2	2	W	0	6	2	2	0	0	10
24/05/2022	09:00	16:00	3	2	W	0	5	2	2	0	0	10
24/05/2022	09:00	16:00	4	2	W	0	6	2	2	0	0	10
26/05/2022	10:00	15:00	1	4	W	0	8	2	2	0	0	
26/05/2022	10:00	15:00	2	4	W	0	8	2	2	0	0	
26/05/2022	10:00	15:00	3	4	W	2	8	2	2	0	0	
26/05/2022	10:00	15:00	4	4	W	0	7	2	2	0	0	
26/05/2022	10:00	15:00	5	4	W	2	8	2	2	0	0	



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
07/07/2022	09:30	15:00	1	1	SW	0	0	2	2	0	0	14
07/07/2022	09:30	15:00	2	2	SW	0	1	2	2	0	0	15
07/07/2022	09:30	15:00	3	2	SW	0	1	2	2	0	0	17
07/07/2022	09:30	15:00	4	2	SW	0	1	2	2	0	0	19
07/07/2022	09:30	15:00	5	3	SW	0	6	2	2	0	0	20
07/07/2022	09:30	15:00	6	3	SW	0	5	2	2	0	0	18
08/07/2022	10:00	15:00	1	4	SE	0	8	1	1	0	0	16
08/07/2022	10:00	15:00	2	4	SE	0	8	2	2	0	0	16
08/07/2022	10:00	15:00	3	5	SE	0	7	2	2	0	0	17
08/07/2022	10:00	15:00	4	5	SE	0	6	2	2	0	0	17
20/07/2022	10:30	15:30	1	1	SW	0	6	2	2	0	0	19
20/07/2022	10:30	15:30	2	2	SW	0	4	2	2	0	0	19
20/07/2022	10:30	15:30	3	2	SW	0	4	2	2	0	0	20
20/07/2022	10:30	15:30	4	2	SW	0	5	2	2	0	0	20
20/07/2022	10:30	15:30	5	2	SW	0	2	2	2	0	0	22
20/07/2022	10:30	15:30	6	2	SW	0	2	2	2	0	0	22
Wind Speed (Beaufort scale) Calm: 0 Light air: 1 Light breeze: 2 Gentle breeze: 3 Moderate breeze: 4		Rain/ Precipitation None: 0 Drizzle: 1 Light showers / snow: 2		Cloud Cover Expressed in oktas (n/8) Cloud Height		Visibility Poor (<1km): 0 Moderate (1-3km): 1 Good (>3km): 2		Visibility Poor (<1km): 0 Moderate (1-3km): 1 Good (>3km): 2			Frost None: 0 Ground: 1 All day: 2	



Date	Survey Start	Survey End	Hr	Wind Speed	Wind Direction	Rain	Cloud Cover	Cloud Height	Visibility	Snow	Frost	Temp (°c)
Fresh breeze: 5 Strong breeze: 6 Moderate gale: 7 Gale: 8		Heavy showers / snow: 3 Heavy rain / snow: 4		Height of cloud above average height of viewshed <150m: 0 150-500m: 1 >500m: 2								

