

# Appendix 6.2 Ornithological Data

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# Appendix 6.2 Ornithological Data

## Method Tables

Table 1 – VP survey dates, times, and meteorological data.

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
04-Apr-16	1	12:25	15:25	3	SSE	3	8	0	0	0
04-Apr-16	1	16:55	19:55	3	SE	2	7	0	0	0
05-Apr-16	2	13:30	16:30	3	NNW	3	8	0	0	0
05-Apr-16	2	17:00	20:00	3	NW	3	8	0	0	0
06-Apr-16	3	13:35	16:35	3	WSW	3	6	0	0	0
06-Apr-16	3	17:05	20:05	3	W	2	7	0	0	0
07-Apr-16	4	13:35	16:35	3	N	5	7	0	0	0
07-Apr-16	4	17:05	20:05	3	NW	4	5	4	0	0
08-Apr-16	5	13:40	16:40	3	NE	3	7	0	0	0
08-Apr-16	5	17:10	20:10	3	ENE	2	4	0	0	0
11-Apr-16	6	13:45	16:45	3	E	3	4	0	0	0
11-Apr-16	6	17:15	20:15	3	NE	3	4	0	0	0
03-May-16	2	04:55	07:55	3	SSW	5	4	0	0	0
03-May-16	2	08:35	11:35	3	SSW	5	5	0	0	0
04-May-16	3	04:55	07:55	3	S	4	8	0	0	0
04-May-16	3	08:25	11:25	3	S	4	8	3	0	0
05-May-16	4	04:45	07:45	3	S	4	8	3	0	0
05-May-16	4	08:15	11:15	3	SW	5	6	0	0	0
21-May-16	8	04:10	07:10	3	SE	4	8	0	0	0
22-May-16	1	04:40	07:40	3	W	5	7	0	0	0
22-May-16	1	08:10	11:10	3	W	5	5	0	0	0
22-May-16	8	15:30	18:30	3	W	5	3	0	0	0
23-May-16	5	05:00	08:00	3	SE	2	7	0	0	0
23-May-16	5	09:30	12:30	3	W	3	8	0	0	0
26-May-16	8	19:00	22:00	3	NNE	6	7	0	0	0
27-May-16	6	05:00	08:00	3	ENE	5	8	0	0	0
27-May-16	6	09:00	12:00	3	ENE	4	8	4	0	0
27-May-16	8	15:30	18:30	3	E	5	8	0	0	0
01-Jun-16	2	15:50	18:50	3	N	5	8	0	0	0

<sup>1</sup> VP 8 = Red Throated Diver VP Survey

<sup>2</sup> Beaufort scale

<sup>3</sup> Estimation of cloud cover given in Oktas

<sup>4</sup> Rain: None = 0; Occasional=1; Drizzle / mist = 2; Light shower = 3; Heavy shower = 4; Heavy rain = 5

<sup>5</sup> Snow: None = 0; On Site = 1; Snowing = 2

<sup>6</sup> Frost: None = 0; Ground = 1; All day = 2

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
01-Jun-16	2	19:20	22:20	3	N	4	8	0	0	0
02-Jun-16	3	15:55	18:55	3	NE	6	8	0	0	0
02-Jun-16	3	19:25	22:25	3	NE	6	3	0	0	0
03-Jun-16	4	19:20	22:20	3	NE	5	1	0	0	0
06-Jun-16	1	16:00	19:00	3	NE	3	0	0	0	0
06-Jun-16	1	19:30	22:30	3	NE	2	0	0	0	0
07-Jun-16	6	16:00	19:00	3	N	4	8	0	0	0
07-Jun-16	6	19:30	22:30	3	N	3	8	0	0	0
10-Jun-16	4	16:35	19:35	3	NE	4	6	0	0	0
26-Jun-16	5	14:15	17:15	3	NW	2	8	0	0	0
29-Jun-16	5	19:40	22:40	3	E	3	8	0	0	0
30-Jun-16	8	16:15	19:15	3	SSW	4	8	0	0	0
30-Jun-16	8	19:45	22:45	3	SSW	3	8	0	0	0
18-Jul-16	2	04:15	07:15	3	E	1	4	0	0	0
18-Jul-16	2	07:45	10:45	3	E	1	5	0	0	0
19-Jul-16	1	15:35	18:35	3	W	3	8	0	0	0
19-Jul-16	1	19:08	22:08	3	E	3	4	0	0	0
20-Jul-16	5	07:30	10:30	3	SW	3	8	0	0	0
20-Jul-16	5	11:00	14:00	3	SE	5	8	0	0	0
21-Jul-16	4	12:15	15:15	3	W	4	8	0	0	0
21-Jul-16	4	15:45	18:45	3	W	5	4	0	0	0
22-Jul-16	3	04:19	07:19	3	S	1	2	0	0	0
22-Jul-16	3	07:50	10:50	3	SE	2	2	0	0	0
29-Jul-16	8	04:40	07:40	3	SSW	3	8	0	0	0
29-Jul-16	8	08:10	11:10	3	SSW	3	8	3	0	0
02-Aug-16	6	04:50	07:50	3	NNW	3	8	0	0	0
02-Aug-16	6	08:20	11:20	3	NNW	3	8	0	0	0
03-Aug-16	2	15:05	18:05	3	ENE	5	8	5	0	0
03-Aug-16	2	18:35	21:35	3	ENE	5	8	5	0	0
04-Aug-16	1	15:05	18:05	3	N	5	8	0	0	0
04-Aug-16	1	18:35	21:35	3	N	4	8	0	0	0
05-Aug-16	8	15:00	18:00	3	W	2	8	0	0	0
05-Aug-16	8	18:30	21:30	3	SW	3	7	0	0	0
09-Aug-16	4	14:50	17:50	3	NW	5	4	0	0	0
09-Aug-16	4	18:20	21:20	3	NW	5	7	3	0	0
10-Aug-16	3	14:45	17:45	3	W	3	2	0	0	0
10-Aug-16	3	18:15	21:15	3	WSW	2	2	0	0	0
11-Aug-16	8	05:05	08:05	3	SSE	4	7	0	0	0
11-Aug-16	8	08:35	11:35	3	SE	4	8	2	0	0
12-Aug-16	6	14:40	17:40	3	WNW	3	8	0	0	0
12-Aug-16	6	18:10	21:10	3	W	4	8	0	0	0
22-Aug-16	5	14:10	17:10	3	ESE	3	8	0	0	0
23-Aug-16	2	05:40	08:40	3	W	2	8	0	0	0

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
23-Aug-16	2	09:10	12:10	3	WNW	1	8	0	0	0
24-Aug-16	6	13:15	16:15	3	NNW	3	8	0	0	0
24-Aug-16	6	16:45	19:45	3	W	2	7	0	0	0
25-Aug-16	1	05:40	08:40	3	S	1	3	0	0	0
25-Aug-16	1	09:10	12:10	3	SE	1	6	0	0	0
26-Aug-16	4	05:45	08:45	3	NE	1	8	0	0	0
26-Aug-16	4	09:15	12:15	3	NE	1	8	0	0	0
29-Aug-16	5	05:55	08:55	3	W	3	7	0	0	0
29-Aug-16	5	09:25	12:25	3	W	3	6	0	0	0
31-Aug-16	3	05:35	08:35	3	SSW	5	2	0	0	0
31-Aug-16	3	09:25	12:25	3	SW	5	7	0	0	0
01-Sep-16	5	17:15	20:15	3	WSW	2	8	0	0	0
04-Apr-16	1	12:25	15:25	3	SSE	3	8	0	0	0
04-Apr-16	1	16:55	19:55	3	SE	2	7	0	0	0
05-Apr-16	2	13:30	16:30	3	NNW	3	8	0	0	0
05-Apr-16	2	17:00	20:00	3	NW	3	8	0	0	0
06-Apr-16	3	13:35	16:35	3	WSW	3	6	0	0	0
06-Apr-16	3	17:05	20:05	3	W	2	7	0	0	0
07-Apr-16	4	13:35	16:35	3	N	5	7	0	0	0
07-Apr-16	4	17:05	20:05	3	NW	4	5	4	0	0
08-Apr-16	5	13:40	16:40	3	NE	3	7	0	0	0
08-Apr-16	5	17:10	20:10	3	ENE	2	4	0	0	0
11-Apr-16	6	13:45	16:45	3	E	3	4	0	0	0
11-Apr-16	6	17:15	20:15	3	NE	3	4	0	0	0
03-May-16	2	04:55	07:55	3	SSW	5	4	0	0	0
03-May-16	2	08:35	11:35	3	SSW	5	5	0	0	0
04-May-16	3	04:55	07:55	3	S	4	8	0	0	0
04-May-16	3	08:25	11:25	3	S	4	8	3	0	0
05-May-16	4	04:45	07:45	3	S	4	8	3	0	0
05-May-16	4	08:15	11:15	3	SW	5	6	0	0	0
21-May-16	8	04:10	07:10	3	SE	4	8	0	0	0
22-May-16	1	04:40	07:40	3	W	5	7	0	0	0
22-May-16	1	08:10	11:10	3	W	5	5	0	0	0
22-May-16	8	15:30	18:30	3	W	5	3	0	0	0
23-May-16	5	05:00	08:00	3	SE	2	7	0	0	0
23-May-16	5	09:30	12:30	3	W	3	8	0	0	0
26-May-16	8	19:00	22:00	3	NNE	6	7	0	0	0
27-May-16	6	05:00	08:00	3	ENE	5	8	0	0	0
27-May-16	6	09:00	12:00	3	ENE	4	8	4	0	0
27-May-16	8	15:30	18:30	3	E	5	8	0	0	0
01-Jun-16	2	15:50	18:50	3	N	5	8	0	0	0
01-Jun-16	2	19:20	22:20	3	N	4	8	0	0	0
02-Jun-16	3	15:55	18:55	3	NE	6	8	0	0	0

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
02-Jun-16	3	19:25	22:25	3	NE	6	3	0	0	0
03-Jun-16	4	19:20	22:20	3	NE	5	1	0	0	0
06-Jun-16	1	16:00	19:00	3	NE	3	0	0	0	0
06-Jun-16	1	19:30	22:30	3	NE	2	0	0	0	0
07-Jun-16	6	16:00	19:00	3	N	4	8	0	0	0
07-Jun-16	6	19:30	22:30	3	N	3	8	0	0	0
10-Jun-16	4	16:35	19:35	3	NE	4	6	0	0	0
26-Jun-16	5	14:15	17:15	3	NW	2	8	0	0	0
29-Jun-16	5	19:40	22:40	3	E	3	8	0	0	0
30-Jun-16	8	16:15	19:15	3	SSW	4	8	0	0	0
30-Jun-16	8	19:45	22:45	3	SSW	3	8	0	0	0
18-Jul-16	2	04:15	07:15	3	E	1	4	0	0	0
18-Jul-16	2	07:45	10:45	3	E	1	5	0	0	0
19-Jul-16	1	15:35	18:35	3	W	3	8	0	0	0
19-Jul-16	1	19:08	22:08	3	E	3	4	0	0	0
20-Jul-16	5	07:30	10:30	3	SW	3	8	0	0	0
20-Jul-16	5	11:00	14:00	3	SE	5	8	0	0	0
21-Jul-16	4	12:15	15:15	3	W	4	8	0	0	0
21-Jul-16	4	15:45	18:45	3	W	5	4	0	0	0
22-Jul-16	3	04:19	07:19	3	S	1	2	0	0	0
22-Jul-16	3	07:50	10:50	3	SE	2	2	0	0	0
29-Jul-16	8	04:40	07:40	3	SSW	3	8	0	0	0
29-Jul-16	8	08:10	11:10	3	SSW	3	8	3	0	0
02-Aug-16	6	04:50	07:50	3	NNW	3	8	0	0	0
02-Aug-16	6	08:20	11:20	3	NNW	3	8	0	0	0
03-Aug-16	2	15:05	18:05	3	ENE	5	8	5	0	0
03-Aug-16	2	18:35	21:35	3	ENE	5	8	5	0	0
04-Aug-16	1	15:05	18:05	3	N	5	8	0	0	0
04-Aug-16	1	18:35	21:35	3	N	4	8	0	0	0
05-Aug-16	8	15:00	18:00	3	W	2	8	0	0	0
05-Aug-16	8	18:30	21:30	3	SW	3	7	0	0	0
09-Aug-16	4	14:50	17:50	3	NW	5	4	0	0	0
09-Aug-16	4	18:20	21:20	3	NW	5	7	3	0	0
10-Aug-16	3	14:45	17:45	3	W	3	2	0	0	0
10-Aug-16	3	18:15	21:15	3	WSW	2	2	0	0	0
11-Aug-16	8	05:05	08:05	3	SSE	4	7	0	0	0
11-Aug-16	8	08:35	11:35	3	SE	4	8	2	0	0
12-Aug-16	6	14:40	17:40	3	WNW	3	8	0	0	0
12-Aug-16	6	18:10	21:10	3	W	4	8	0	0	0
22-Aug-16	5	14:10	17:10	3	ESE	3	8	0	0	0
23-Aug-16	2	05:40	08:40	3	W	2	8	0	0	0
23-Aug-16	2	09:10	12:10	3	WNW	1	8	0	0	0
24-Aug-16	6	13:15	16:15	3	NNW	3	8	0	0	0

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
24-Aug-16	6	16:45	19:45	3	W	2	7	0	0	0
25-Aug-16	1	05:40	08:40	3	S	1	3	0	0	0
25-Aug-16	1	09:10	12:10	3	SE	1	6	0	0	0
26-Aug-16	4	05:45	08:45	3	NE	1	8	0	0	0
26-Aug-16	4	09:15	12:15	3	NE	1	8	0	0	0
29-Aug-16	5	05:55	08:55	3	W	3	7	0	0	0
29-Aug-16	5	09:25	12:25	3	W	3	6	0	0	0
31-Aug-16	3	05:35	08:35	3	SSW	5	2	0	0	0
31-Aug-16	3	09:25	12:25	3	SW	5	7	0	0	0
01-Sep-16	5	17:15	20:15	3	WSW	2	8	0	0	0
20-Sep-17	3	12:40	15:40	3	SE	3	7	0	0	0
20-Sep-17	3	16:10	19:10	3	SE	3	7	3	0	0
21-Sep-17	2	16:07	19:07	3	W	1	8	2	0	0
22-Sep-17	5	12:30	15:30	3	SSE	4	3	0	0	0
22-Sep-17	5	16:00	19:00	3	ESE	5	3	0	0	0
23-Sep-17	4	12:30	15:30	3	S	5	7	0	0	0
23-Sep-17	4	16:00	19:00	3	SE	6	7	0	0	0
26-Sep-17	2	08:30	11:30	3	SSE	6	8	0	0	0
26-Sep-17	1	12:20	15:20	3	SSE	6	7	0	0	0
26-Sep-17	1	15:51	18:51	3	SSE	6	8	0	0	0
27-Sep-17	6	12:18	15:18	3	SE	6	8	0	0	0
27-Sep-17	6	15:48	18:48	3	SE	6	7	0	0	0
04-Oct-17	2	07:19	10:19	3	W	6	7	4	0	0
04-Oct-17	2	10:49	13:49	3	W	5	5	0	0	0
05-Oct-17	1	07:19	10:19	3	NW	6	8	3	0	0
05-Oct-17	1	10:49	13:49	3	NW	5	8	3	0	0
06-Oct-17	6	07:21	10:21	3	NW	5	8	3	0	0
06-Oct-17	6	10:51	13:51	3	NW	4	8	0	0	0
07-Oct-17	3	11:54	14:54	3	NE	3	8	0	0	0
07-Oct-17	3	15:24	18:24	3	N	3	7	0	0	0
08-Nov-17	5	07:24	10:24	3	W	1	6	3	0	0
08-Nov-17	5	10:54	13:54	3	W	1	6	0	0	0
09-Oct-17	4	11:43	14:43	3	S	3	7	0	0	0
09-Oct-17	4	15:13	18:13	3	SW	2	6	0	0	0
02-Nov-17	1	09:30	12:30	3	N	1	7	0	0	0
02-Nov-17	1	13:03	16:04	3	W	3	7	0	0	0
03-Nov-17	5	09:30	12:30	3	SW	4	8	3	0	0
03-Nov-17	5	13:01	16:01	3	SW	3	8	4	0	0
04-Nov-17	4	07:36	10:36	3	SW	4	5	4	0	0
04-Nov-17	4	11:06	14:06	3	SW	3	4	3	0	0
05-Nov-17	2	09:26	12:26	3	NW	5	6	3	0	0
05-Nov-17	2	12:56	15:56	3	NW	6	5	3	0	0
06-Nov-17	3	07:40	10:40	3	S	4	8	0	0	0

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
06-Nov-17	3	11:10	14:10	3	S	5	8	0	0	0
07-Nov-17	6	09:20	12:20	3	W	2	8	3	0	0
07-Nov-17	6	12:51	15:51	3	SW	3	8	0	0	0
10-Dec-17	4	11:05	14:05	3	SSW	1	5	0	0	1
11-Dec-17	3	11:50	14:50	3	WNW	4	7	1	0	1
12-Dec-17	1	11:45	14:45	3	SW	3	5	0	0	2
13-Dec-17	5	10:45	13:45	3	S	5	7	1	0	1
14-Dec-17	6	10:45	13:45	3	E	3	7	1	0	1
15-Dec-17	2	09:45	12:45	3	NW	6	4	0	0	0
11-Jan-18	3	12:15	15:15	3	NW	2	1	0	0	0
12-Jan-18	4	12:15	15:15	3	SE	5	8	0	0	0
13-Jan-18	2	11:30	14:30	3	SSE	5	7	0	0	0
15-Jan-18	1	09:40	12:40	3	S	5	6	0	0	0
17-Jan-18	5	11:30	14:30	3	NW	5	7	0	0	0
18-Jan-18	6	11:00	14:00	3	W	4	5	0	0	0
16-Feb-18	3	12:20	15:20	3	SW	5	5	0	0	0
17-Feb-18	4	12:30	15:30	3	S	5	5	1	0	0
18-Feb-18	2	07:35	10:35	3	WSW	4	7	0	0	1
18-Feb-18	2	11:05	14:05	3	SW	3	7	0	0	0
19-Feb-18	3	07:30	10:30	3	ESE	6	5	0	0	0
20-Feb-18	5	07:30	10:30	3	SSW	4	8	0	0	0
20-Feb-18	5	11:00	14:00	3	W	5	5	0	0	0
21-Feb-18	6	07:25	10:25	3	NW	3	2	0	0	1
21-Feb-18	6	10:55	13:55	3	NW	2	3	0	0	1
21-Feb-18	1	07:20	10:20	3	S	5	7	0	0	1
22-Feb-18	1	10:55	13:55	3	S	5	6	0	0	1
23-Feb-18	4	07:20	10:20	3	S	5	5	0	0	1
05-Mar-18	4	09:05	12:05	3	E	4	8	3	1	2
05-Mar-18	4	12:35	15:35	3	E	4	6	0	1	2
06-Mar-18	3	09:10	12:10	3	NE	4	7	3	1	2
06-Mar-18	3	12:40	15:40	3	NE	3	7	3	1	2
08-Mar-18	1	08:25	11:25	3	SE	4	8	0	1	0
08-Mar-18	1	11:55	14:55	3	SE	4	8	1	1	0
09-Mar-18	2	07:25	10:25	3	SE	4	6	0	1	0
09-Mar-18	2	10:55	13:55	3	SE	4	5	0	1	0
30-Mar-18	5	11:30	14:30	3	SE	4	5	0	0	1
30-Mar-18	5	15:00	18:00	3	SE	3	3	0	0	1
31-Mar-18	6	11:30	14:30	3	NNW	5	4	0	0	1
31-Mar-18	6	15:00	18:00	3	WNW	4	3	0	0	1
03-Apr-18	3	13:00	16:00	3	E	4	8	3	0	0
03-Apr-18	3	16:45	19:45	3	NE	4	6	0	0	0
04-Apr-18	2	13:10	16:10	3	W	2	5	0	0	0
04-Apr-18	2	16:50	19:50	3	W	2	1	0	0	0



Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
05-Apr-18	5	13:00	16:00	3	NW	3	1	0	0	0
05-Apr-18	5	16:45	19:45	3	NW	3	1	0	0	0
06-Apr-18	4	13:00	16:00	3	SE	3	8	0	0	0
06-Apr-18	4	16:50	19:50	3	SE	5	8	0	0	0
09-Apr-18	1	13:10	16:10	3	NE	4	8	0	0	0
09-Apr-18	1	17:05	20:05	3	NE	4	8	0	0	0
10-Apr-18	6	13:10	16:10	3	S	2	8	0	0	0
10-Apr-18	6	16:50	19:50	3	S	2	7	0	0	0
02-May-18	2	14:10	17:10	3	SW	5	8	3	0	0
04-May-18	3	13:40	14:40	1	SW	5	8	3	0	0
17-May-18	2	04:20	07:20	3	W	3	5	0	0	0
18-May-18	3	04:10	07:10	3	SE	1	1	0	0	0
15-May-18	6	04:20	07:20	3	SW	1	0	0	0	0
15-May-18	6	07:50	10:50	3	SE	4	0	0	0	0
16-May-18	1	04:20	07:20	3	N	5	3	0	0	0
16-May-18	1	07:50	10:50	3	W	5	0	0	0	0
16-May-18	5	04:20	07:20	3	W	6	3	0	0	0
16-May-18	5	07:50	10:50	3	W	5	1	0	0	0
17-May-18	4	04:10	07:20	3	W	4	4	0	0	0
17-May-18	4	07:40	10:40	3	W	4	8	0	0	0
18-May-18	3	07:40	09:40	2	SE	2	1	0	0	0
07-Jun-18	3	10:00	13:00	3	NE	3	8	0	0	0
07-Jun-18	3	13:30	16:30	3	NE	3	8	0	0	0
07-Jun-18	1	10:00	13:00	3	NE	3	8	0	0	0
07-Jun-18	1	13:30	16:30	3	NE	3	8	0	0	0
08-Jun-18	2	08:50	11:50	3	NE	3	8	0	0	0
08-Jun-18	2	12:20	15:20	3	NE	3	8	0	0	0
08-Jun-18	4	09:00	12:00	3	NE	3	8	0	0	0
08-Jun-18	4	12:30	15:30	3	N	3	8	0	0	0
12-Jun-18	6	10:00	13:00	3	W	3	6	0	0	0
12-Jun-18	6	13:30	16:30	3	NW	4	8	0	0	0
13-Jun-18	5	09:25	12:25	3	SW	2	8	0	0	0
13-Jun-18	5	12:55	15:55	3	SW	3	8	0	0	0
05-Jul-18	6	19:30	22:30	3	W	4	8	0	0	0
05-Jul-18	6	16:00	19:00	3	W	4	3	0	0	0
02-Jul-18	5	19:30	22:30	3	W	3	8	0	0	0
02-Jul-18	5	16:00	19:00	3	W	2	5	0	0	0
06-Jul-18	4	19:20	22:20	3	SW	3	6	0	0	0
06-Jul-18	4	15:50	18:50	3	W	4	4	0	0	0
09-Jul-18	3	19:30	22:30	3	SW	1	5	0	0	0
09-Jul-18	3	15:50	19:00	3	NW	3	4	0	0	0
02-Jul-18	2	19:30	22:30	3	SW	4	8	0	0	0
02-Jul-18	2	16:00	19:00	3	SW	4	6	0	0	0

Date	Vantage Point <sup>1</sup>	Start time	Stop Time	Time (Hrs)	Wind Direction	Wind speed <sup>2</sup>	Cloud cover <sup>3</sup>	Rain <sup>4</sup>	Snow <sup>5</sup>	Frost <sup>6</sup>
06-Jul-18	1	19:30	22:30	3	SW	4	6	0	0	0
06-Jul-18	1	16:00	19:00	3	SW	4	3	0	0	0
31-Jul-18	3	12:15	15:15	3	S	5	5	0	0	0
31-Jul-18	3	15:45	18:45	3	ESE	4	1	0	0	0
01-Aug-18	4	09:55	12:55	3	WSW	4	7	0	0	0
01-Aug-18	4	13:25	16:25	3	S	4	7	0	0	0
02-Aug-18	2	10:00	13:00	3	S	4	8	0	0	0
02-Aug-18	2	13:30	16:30	3	WSW	4	7	0	0	0
03-Aug-18	1	09:40	12:40	3	SW	3	7	0	0	0
03-Aug-18	1	13:10	16:10	3	SW	3	7	0	0	0
06-Aug-18	5	09:30	12:30	3	S	3	8	1	0	0
06-Aug-18	5	13:00	16:00	3	S	2	8	1	0	0
07-Aug-18	6	09:30	12:30	3	SW	3	8	1	0	0
07-Aug-18	6	13:00	16:00	3	S	3	8	1	0	0
15-Aug-18	2	05:10	08:10	3	SW	3	8	2	0	0
15-Aug-18	2	08:40	11:40	3	S	4	8	0	0	0
16-Aug-18	4	05:00	08:00	3	SW	3	2	0	0	0
16-Aug-18	4	08:30	11:30	3	SW	4	2	0	0	0
20-Aug-18	3	05:15	08:15	3	W	2	7	0	0	0
20-Aug-18	3	08:45	11:45	3	NW	2	8	0	0	0
21-Aug-18	1	05:15	08:15	3	S	1	7	0	0	0
21-Aug-18	1	08:45	11:45	3	S	3	8	0	0	0
23-Aug-18	5	05:15	08:15	3	SW	4	8	2	0	0
23-Aug-18	5	08:45	11:45	3	SW	4	8	1	0	0
24-Aug-18	6	05:15	08:15	3	NW	2	6	0	0	0
24-Aug-18	6	08:45	11:45	3	NW	4	7	2	0	0

**Table 2 – Breeding diver VP survey dates and times.**

Surveys, dates and times		
VP number	Date	Time
VP2	12/06/2018	16:00 - 19:00
VP2	12/06/2018	19:30 - 22:30
VPA	13/06/2018	16:00 - 19:00
VPA	13/06/2018	19:30 - 22:30
VP6	15/06/2018	15:55 - 18:55
VP2	15/06/2018	16:00 - 19:00
VP6	15/05/2018	19:25 - 22:25
VP2	15/06/2018	19:25 - 22:25
VPD2	18/06/2018	06:30 - 09:30
VPK	18/06/2018	07:30 - 10:30
VPD2	18/06/2018	10:00 - 13:00
VPK	18/06/2018	11:00 - 14:00
VPH2	19/06/2018	15:40 - 19:00
VP6	19/06/2018	16:00 - 19:00
VPH2	19/06/2018	19:30 - 22:00
VP6	19/06/2018	19:30 - 21:30
VP2	21/06/2018	16:30 - 19:30
VPI	21/06/2018	16:40 - 19:40
VP2	05/07/2018	16:00 - 21:30
VP Flonga	09/07/2018	17:00 - 22:00
VP04	10/07/2018	16:20 - 21:20
VP01	10/07/2018	17:00 - 21:00
VP04b	11/07/2018	05:00 - 09:00
VP02	11/07/2018	05:00 - 09:00
VP Flonga	13/07/2018	05:00 - 09:00
VP Gossa	13/07/2018	15:50 - 20:50
VP Flonga	14/07/2018	05:00 - 08:00
VP02	18/07/2018	17:00 - 21:00
VP Flonga	19/07/2018	16:30 - 21:30
VP06	23/07/2018	15:45 - 18:45
VP Flonga	24/07/2018	19:00 - 21:00
VP Flonga	24/07/2018	16:00 - 21:00
VP Markamouth	25/07/2018	16:00 - 20:00
VPA	26/07/2018	16:00 - 21:00
VP Flonga	27/07/2018	16:00 - 21:00
VPA	30/07/2018	16:00 - 21:00

**Table 3 – Breeding raptor survey dates, times, and species recorded.**

Surveys, dates and times			Species recorded	
2016	Date	Time	Raptor Species	Other Species
Survey 1/4 4 visits	19/04/2016	11:05 - 20:05	None	Great skua Red-throated diver
	21/04/2016	11:20 - 20:20		
	23/04/2016	13:10 - 17:45		
	26/04/2016	12:00 - 14:15		
18:00 - 20:00				
Survey 2/4 3 visits	25/05/2016	11:00 - 21:10	Merlin (2 pairs)	Great skua Red-throated diver
	26/05/2016	10:30 - 19:45		
	31/05/2016	11:15 - 18:00		
Survey 3/4 3 visits	15/06/2016	11:50 - 21:15	Merlin (2 nests)	Red-throated diver
	16/06/2016	12:00 - 21:00		
	27/06/2016	13:25 - 20:50		
Survey 4/4 3 visits	21/07/2016	15:00 - 22:10	Merlin (3 nests)	None
	25/07/2016	13:10 - 22:00		
	26/07/2016	13:20 - 21:35		

Surveys, dates and times			Species recorded	
2018	Date	Time	Target species	Other Species
Survey 1/4 2 visits	26/04/2018	08:30 - 13:30	Merlin	None
		15:00 - 16:00		
	27/04/2018	09:15 - 13:00	Merlin	Red-throated diver
Survey 2/4 1 visit	31/05/2018	08:45-15:40	Merlin	Red-throated diver Great skua
Survey 3/4 3 visits	04/06/2018	08:20 - 17:00	Merlin	Great skua Arctic skua Red-throated diver
	05/06/2018	12:30 - 16:00		
	06/06/2018	06:20 - 15:30		

**Table 4 – Moorland breeding bird survey dates, times, and species recorded.**

Surveys, dates and times			Species recorded	
2016	Date(s)	Time	Species mapped	Other species
Survey 1/4 10 visits	12/04/2016	12:30-18:30	Merlin Whooper swan Greylag goose	Raven Sparrowhawk Grey heron
	13/04/2016	12:10-18:00	Red-throated diver Great skua Arctic skua	
	14/04/2016	11:30-18:00	Curlew Golden plover Redshank	
	15/04/2016	10:20-15:30	Lapwing Snipe Oystercatcher	
	20/04/2016	11:15-18:00	Ringed plover Woodcock Mallard	
	22/04/2016	10:50-18:00	Teal Wigeon Red-breasted merganser	
	26/04/2016	14:50-18:00	Eider Goldeneye Great black-backed gull Lesser black-backed gull	
	27/04/2016	10:40-18:00	Common gull Herring gull Black-headed gull	
	28/04/2016	10:50-18:00		
	29/04/2016	10:40-18:00		
Survey 2/4 9 visits	06/05/2016	09:30-14:20	Merlin Greylag goose Red-throated diver	Raven Sparrowhawk
	09/05/2016	09:30-18:00	Great skua Arctic skua Arctic tern	
	10/05/2016	11:10-15:25	Fulmar Curlew Golden plover	
	19/05/2016	10:45-17:00	Redshank Lapwing Dunlin	
	20/05/2016	10:40-15:50	Whimbrel Snipe Oystercatcher	
	23/05/2016	10:50-18:00	Ringed plover Turnstone Mallard	
	24/05/2016	10:25-18:00	Wigeon Red-breasted merganser Eider	
	27/05/2016	10:30-18:00	Great black-backed gull Lesser black-backed gull Common gull	
	30/05/2016	12:10-18:00	Herring gull Black-headed gull	

Surveys, dates and times			Species recorded	
2016	Date(s)	Time	Species mapped	Other species
Survey 3/4 9 visits	06/06/2016	13:15-18:00	Merlin Greylag goose Red-throated diver	Raven Sparrowhawk
	09/06/2016	12:50-18:00	Great skua Arctic skua Arctic tern	
	13/06/2016	11:30-18:00	Fulmar Curlew Golden plover	
	14/06/2016	10:30-18:00	Redshank Lapwing Dunlin	
	20/06/2016	13:20-18:00	Snipe Oystercatcher Ringed plover	
	21/06/2016	12:45-18:00	Whimbrel Mallard Red-breasted merganser	
	22/06/2016	12:35-18:00	Eider Great black-backed gull Lesser black-backed gull	
	23/06/2016	11:40-18:00	Common gull Herring gull	
	28/06/2016	09:45-18:00	Black-headed gull	
Survey 4/4 10 visits	11/07/2016	11:15-18:00	Merlin Kestrel	Raven
	13/07/2016	10:30-17:00	Greylag goose Red-throated diver Great skua	
	14/07/2016	11:30-18:00	Arctic skua Arctic tern Fulmar	
	15/07/2016	11:00-18:00	Curlew Whimbrel Golden plover	
	18/07/2016	10:45-16:10	Redshank Lapwing Dunlin	
	19/07/2016	14:30-18:00	Snipe Oystercatcher Ringed plover	
	20/07/2016	10:30-17:40	Mallard Red-breasted merganser Eider	
	22/07/2016	10:15-18:00	Great black-backed gull Lesser black-backed gull Common gull	
	27/07/2016	10:00-14:00	Herring gull Black-headed gull	
	28/07/2016	09:40-15:40		

Survey dates and times			Species recorded	
2018	Date(s)	Time	Species mapped	Other species
Survey 1/4 9 visits	11/04/2018	08:30-16:00	Whooper swan Greylag goose Mallard Tufted duck	Black-headed gull Rock dove Hooded crow Starling
	12/04/2018	08:45-17:00	Goldeneye Red-breasted merganser Red-throated diver	Blackbird Fieldfare Redwing
	13/04/2018	07:35-14:30	Great black-backed gull Lesser black-backed gull Herring gull Common gull	Robin Wren Rock pipit
	16/04/2018	11:20-13:00	Arctic skua Great Skua Lapwing Golden plover	Meadow pipit Skylark Chiffchaff Siskin
	18/04/2018	10:30-16:30	Ringed plover Oystercatcher Curlew Snipe Redshank	Bullfinch Ring ousel Twite
	20/04/2018	09:30-15:45	Raven	
	23/04/2018	11:30-18:00		
	24/04/2018	08:30-12:30		
	30/04/2018	10:15-17:45		
Survey 2/4 7 visits	01/05/2018	08:20-15:25	Greylag goose Mallard Goldeneye Eider	Herring gull Great black-backed gull Rock dove Raven
	03/05/2018	08:30-15:10	Red-breasted merganser Red-throated diver Oystercatcher Ringed plover Golden plover	Hooded crow Starling Wren Rock pipit
	08/05/2018	09:15-16:20	Dotterel Lapwing Dunlin Redshank	Meadow pipit Skylark Redpoll sp.
	09/05/2018	08:15-14:45	Curlew Whimbrel Snipe	
	10/05/2018	10:00-15:45	Great skua Arctic skua Lesser black-backed gull Common gull	
	11/05/2018	07:30-13:30	Short-eared owl	
	14/05/2018	08:15-14:00		

Survey dates and times			Species recorded	
2018	Date(s)	Time	Species mapped	Other species
		14:45-16:15		
Survey 3/4 4 visits	26/06/2018	08:20-17:00	Greylag goose Mallard Eider Red-breasted merganser Red-throated diver Oystercatcher Ringed plover Golden plover	Rock dove Raven Hooded crow Starling Wren Rock pipit Meadow pipit Skylark Chiffchaff
	27/06/2018	12:30-16:00	Lapwing Dunlin Redshank Curlew Whimbrel Snipe Merlin Great skua Arctic skua	
	28/06/2018	06:20-15:30	Great black-backed gull Lesser black-backed gull Herring gull Common gull Black-headed gull Arctic tern	
	29/06/2018	07:45-14:00		
Survey 4/4 1 visit	04/07/2018	09:30-15:30	Greylag goose Mallard Red-throated diver Oystercatcher Ringed plover Golden plover Dunlin Curlew Snipe Great skua Arctic skua Herring gull Common gull	Raven Hooded crow Starling Wren Rock pipit Meadow pipit Skylark Chiffchaff



**Table 5 – Winter bird survey dates, times, and species recorded.**

Surveys, dates and times			Species recorded	
2017 - 2018	Date	Time	Species mapped	Other species
Survey 1 3 visits	31/10/2017	07:45 - 15:15	Merlin Red-throated diver Redshank Greylag goose	Raven Sparrowhawk Snipe Grey heron
	01/11/2017	08:30 -13:15	Curlew Golden Plover	Herring Gull Great black-backed gull Red-breasted merganser Snow bunting
	08/11/2017	08:00 - 12:00		
Survey 2 2 visits	26/02/2018	08:30 - 15:15	Lapwing Oystercatcher Redshank Greylag goose Curlew	Raven Snipe Grey heron Herring gull Great black-backed gull Red-breasted merganser
	27/02/2018	08:30 - 15:00	Golden Plover	Fieldfare Goldeneye

## Flight Data

Table 6 – Arctic Skua Flight Data.

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s) <sup>7</sup>	Duration At Collision Height (s) <sup>8</sup>
22-May-16	1	1	08:41	120	60	60
23-May-16	5	2	05:47	75	0	75
23-May-16	5	1	05:53	75	15	60
23-May-16	5	3	06:14	75	75	0
23-May-16	5	3	11:39	75	45	30
23-May-16	5	3	12:19	375	0	375
02-Jun-16	3	1	16:53	60	60	0
03-Jun-16	4	1	20:38	100	100	0
06-Jun-16	1	1	17:32	10	10	0
06-Jun-16	1	1	20:16	65	65	0
07-Jun-16	6	1	18:21	50	50	0
10-Jun-16	4	1	19:27	60	60	0
26-Jun-16	5	1	16:23	60	60	0
26-Jun-16	5	1	16:37	185	60	125
26-Jun-16	5	1	16:49	30	30	0
29-Jun-16	5	1	20:04	135	135	0
29-Jun-16	5	1	21:46	15	15	0
18-Jul-16	2	1	05:28	18	18	0
18-Jul-16	2	1	06:12	31	0	31
19-Jul-16	1	2	16:02	161	161	0
19-Jul-16	1	1	19:35	16	16	0
20-Jul-16	5	1	07:40	24	24	0
20-Jul-16	5	2	08:06	35	35	0
20-Jul-16	5	6	08:19	102	102	0
20-Jul-16	5	3	08:51	172	172	0
20-Jul-16	5	1	09:36	53	53	0
20-Jul-16	5	1	11:46	70	70	0
20-Jul-16	5	1	12:56	27	27	0
20-Jul-16	5	1	13:28	30	30	0
20-Jul-16	5	1	13:54	72	72	0
21-Jul-16	4	1	14:01	33	33	0
21-Jul-16	4	1	15:00	42	42	0
22-Jul-16	3	1	04:27	144	0	144
02-Aug-16	6	1	08:50	90	90	0
02-Aug-16	6	1	10:34	55	55	0

<sup>7</sup> Less than 40 m

<sup>8</sup> Greater than 40 m. This band also includes all flight above collision risk height (>200 m).

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s) <sup>7</sup>	Duration At Collision Height (s) <sup>8</sup>
03-Aug-16	2	1	18:04	30	30	0
04-Aug-16	1	1	17:19	50	50	0
04-Aug-16	1	1	20:15	55	55	0
04-Aug-16	1	2	20:15	10	10	0
12-Aug-16	6	1	15:36	30	30	0
23-Aug-16	2	1	10:11	75	75	0
23-Aug-16	2	1	11:00	125	20	105
02-May-18	2	1	15:03	15	15	0
16-May-18	1	3	05:07	4	4	0
16-May-18	1	1	06:52	50	50	0
16-May-18	1	2	06:59	160	160	0
16-May-18	5	1	06:56	3	3	0
16-May-18	5	1	08:10	18	18	0
16-May-18	5	1	09:30	32	32	0
17-May-18	4	2	09:02	10	10	0
07-Jun-18	3	1	15:15	5	5	0
07-Jun-18	3	1	15:51	110	110	0
07-Jun-18	3	1	15:58	30	30	0
07-Jun-18	1	1	10:42	47	47	0
07-Jun-18	1	1	12:45	10	10	0
08-Jun-18	2	1	09:44	44	44	0
08-Jun-18	2	1	10:24	101	101	0
08-Jun-18	2	1	13:31	96	96	0
08-Jun-18	4	1	11:23	6	6	0
08-Jun-18	4	1	11:52	10	10	0
12-Jun-18	6	1	14:03	4	4	0
12-Jun-18	6	1	14:24	3	3	0
12-Jun-18	6	1	14:38	21	21	0
12-Jun-18	6	2	15:07	51	51	0
13-Jun-18	5	2	11:53	29	29	0
13-Jun-18	5	1	12:16	27	27	0
13-Jun-18	5	1	12:55	30	30	0
13-Jun-18	5	1	13:38	30	30	0
13-Jun-18	5	1	15:25	130	130	0
05-Jul-18	6	6	19:40	50	15	35
05-Jul-18	6	3	20:05	32	32	0
05-Jul-18	6	3	21:14	96	96	0
05-Jul-18	6	1	16:20	110	110	0
05-Jul-18	6	4	17:15	193	93	100
05-Jul-18	6	1	17:41	31	31	0
05-Jul-18	6	4	18:34	35	35	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s) <sup>7</sup>	Duration At Collision Height (s) <sup>8</sup>
05-Jul-18	6	1	18:39	11	11	0
05-Jul-18	6	1	18:41	32	32	0
05-Jul-18	6	5	18:46	109	109	0
02-Jul-18	5	1	19:40	40	40	0
02-Jul-18	5	2	20:32	18	18	0
02-Jul-18	5	3	22:07	180	90	90
02-Jul-18	5	1	16:59	220	75	145
02-Jul-18	5	2	17:21	335	155	180
02-Jul-18	5	3	17:29	47	47	0
02-Jul-18	5	1	18:02	45	30	15
02-Jul-18	5	1	18:36	30	0	30
06-Jul-18	4	1	19:32	130	0	130
06-Jul-18	4	1	16:58	24	24	0
09-Jul-18	3	1	19:53	170	20	150
02-Jul-18	2	1	18:28	32	32	0
06-Jul-18	1	1	20:35	70	70	0
06-Jul-18	1	1	20:44	19	19	0
06-Jul-18	1	2	16:24	135	120	15
06-Jul-18	1	5	16:31	140	140	0
06-Jul-18	1	4	17:59	213	213	0
06-Jul-18	1	6	18:36	297	297	0
06-Jul-18	1	2	18:47	71	71	0
01-Aug-18	4	1	12:06	6	6	0
01-Aug-18	4	3	12:20	55	55	0
01-Aug-18	4	1	12:40	8	8	0
02-Aug-18	2	1	10:36	25	25	0
02-Aug-18	2	2	14:11	61	61	0
02-Aug-18	2	1	15:04	39	39	0
02-Aug-18	2	2	15:11	39	39	0
02-Aug-18	2	2	16:17	27	27	0
03-Aug-18	1	2	11:11	12	12	0
03-Aug-18	1	2	11:23	90	90	0
03-Aug-18	1	1	11:37	25	25	0
02-Aug-18	1	2	14:02	22	22	0
02-Aug-18	1	2	15:53	47	47	0
07-Aug-18	6	1	13:42	100	25	75
07-Aug-18	6	1	14:11	238	165	73
16-Aug-18	4	1	10:11	20	20	0
20-Aug-18	3	1	10:49	50	50	0
21-Aug-18	1	3	11:27	66	45	21

**Table 7 – Arctic Tern Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
22-May-16	1	2	06:34	135	0	125
23-May-16	5	3	05:31	45	15	30
23-May-16	5	1	05:55	75	0	75
23-May-16	5	2	06:58	60	36	24
27-May-16	6	4	06:06	210	0	210
27-May-16	6	1	09:58	15	15	0
27-May-16	6	1	10:28	45	20	25
01-Jun-16	2	2	16:00	215	215	0
01-Jun-16	2	2	17:50	65	30	35
01-Jun-16	2	2	20:05	150	135	15
03-Jun-16	4	2	21:52	20	20	0
06-Jun-16	1	1	17:47	100	30	70
26-Jun-16	5	1	14:24	30	30	0
26-Jun-16	5	1	17:05	50	30	20
26-Jun-16	5	2	17:10	45	45	0
26-Jun-16	5	1	17:14	65	55	10
18-Jul-16	2	2	04:22	34	0	34
18-Jul-16	2	2	04:55	106	106	0
18-Jul-16	2	2	05:46	96	0	96
18-Jul-16	2	2	06:03	375	375	0
18-Jul-16	2	1	10:18	134	134	0
19-Jul-16	1	1	21:53	77	32	45
20-Jul-16	5	1	07:34	115	115	0
20-Jul-16	5	7	08:43	41	41	0
20-Jul-16	5	1	10:04	87	87	0
20-Jul-16	5	1	11:51	75	75	0
20-Jul-16	5	1	13:41	39	39	0
21-Jul-16	4	1	12:31	1388	1388	0
21-Jul-16	4	1	12:33	208	208	0
21-Jul-16	4	1	13:54	216	216	0
21-Jul-16	4	1	14:22	227	227	0
21-Jul-16	4	1	14:29	117	57	60
21-Jul-16	4	1	15:11	249	249	0
21-Jul-16	4	1	15:50	25	25	0
21-Jul-16	4	7	16:05	447	30	417
21-Jul-16	4	1	16:41	662	622	0
21-Jul-16	4	1	17:40	77	77	0
21-Jul-16	4	1	17:46	362	362	0
22-Jul-16	3	4	04:24	107	0	107
22-Jul-16	3	1	04:59	171	0	171

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
22-Jul-16	3	4	08:13	108	108	0
03-Aug-16	2	2	17:26	135	135	0
15-May-18	6	1	07:08	45	45	0
16-May-18	5	2	09:00	70	70	0
17-May-18	4	2	04:51	200	0	200
17-May-18	4	1	08:56	376	376	0
17-May-18	4	2	09:03	510	510	0
18-May-18	3	2	09:09	96	65	31
08-Jun-18	2	1	14:20	82	67	15
08-Jun-18	4	2	12:52	150	150	0
08-Jun-18	4	1	14:12	260	170	90
13-Jun-18	5	1	14:40	105	0	105
05-Jul-18	6	3	18:28	262	232	30
02-Jul-18	5	2	19:44	30	15	15
02-Jul-18	5	1	16:11	18	18	0
02-Jul-18	5	1	18:12	37	37	0
02-Jul-18	5	2	18:21	40	15	25
02-Jul-18	5	1	18:30	75	5	70
06-Jul-18	4	1	16:02	40	40	0
06-Jul-18	4	4	16:10	1680	1680	0
06-Jul-18	4	1	17:02	140	60	80
06-Jul-18	4	1	17:43	210	155	55
09-Jul-18	3	2	20:39	90	0	90
02-Jul-18	2	1	20:25	56	56	0
02-Jul-18	2	5	21:21	301	301	0
01-Aug-18	4	3	10:52	300	300	0
01-Aug-18	4	1	11:49	250	90	190
01-Aug-18	4	3	13:43	300	300	0
16-Aug-18	4	3	06:20	570	570	0

**Table 8 – Barnacle Goose Flight Data.**

<b>Date</b>	<b>VP</b>	<b>Count</b>	<b>Time</b>	<b>Total Duration (s)</b>	<b>Duration Below Collision Height (s)</b>	<b>Duration At Collision Height (s)</b>
08-Oct-17	5	26	09:06	140	0	140

**Table 9 – Curlew Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
07-Apr-16	4	2	16:29	125	110	15
11-Apr-16	6	2	16:45	50	50	0
11-Apr-16	6	1	18:00	80	5	75
11-Apr-16	6	2	18:02	10	10	0
11-Apr-16	6	1	19:36	30	30	0
11-Apr-16	6	1	19:44	22	22	0
11-Apr-16	6	1	19:48	20	20	0
03-May-16	2	1	05:03	60	60	0
04-May-16	3	1	06:39	20	20	0
04-May-16	3	1	10:26	40	40	0
22-May-16	1	1	05:39	120	75	55
22-May-16	1	1	09:09	45	0	45
22-May-16	1	1	09:12	75	30	45
23-May-16	5	1	11:44	90	40	50
02-Jun-16	3	1	17:44	30	0	30
03-Jun-16	4	2	19:49	20	20	0
03-Jun-16	4	1	19:51	140	140	0
06-Jun-16	1	1	16:38	190	15	175
06-Jun-16	1	1	17:16	10	10	0
06-Jun-16	1	1	21:33	95	35	60
07-Jun-16	6	1	21:58	90	0	90
18-Jul-16	2	1	07:59	51	51	0
21-Sep-17	2	1	17:23	30	30	0
09-Mar-18	2	3	13:19	25	10	15
05-Apr-18	5	1	14:56	24	24	0
09-Apr-18	1	1	13:13	49	49	0
09-Apr-18	1	1	15:05	10	10	0
09-Apr-18	1	1	15:09	77	77	0
09-Apr-18	1	2	15:12	31	41	0
10-Apr-18	6	1	15:51	107	97	10
02-May-18	2	1	14:43	20	20	0
17-May-18	2	1	05:54	17	17	0
17-May-18	2	1	06:31	106	106	0
17-May-18	4	1	05:04	6	6	0
07-Jun-18	3	1	13:55	112	112	0
08-Jun-18	2	1	09:51	35	35	0
08-Jun-18	4	1	10:31	33	33	0
08-Jun-18	4	1	11:17	135	135	0
05-Jul-18	6	4	22:14	12	12	0
05-Jul-18	6	2	17:34	55	55	0



Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
06-Jul-18	4	1	20:06	145	25	120
02-Jul-18	2	1	19:48	11	11	0
06-Jul-18	1	1	20:14	68	68	0
06-Jul-18	1	3	17:25	134	0	134
02-Aug-18	2	1	11:40	61	61	0
02-Aug-18	2	3	11:55	149	149	0
02-Aug-18	2	4	12:15	42	42	0
02-Aug-18	2	1	12:39	19	19	0
02-Aug-18	1	1	15:47	68	0	68
15-Aug-18	2	2	09:33	55	55	0
15-Aug-18	2	4	10:17	150	115	35
15-Aug-18	2	3	10:35	67	67	0

**Table 10 – Dunlin Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
22-May-16	1	2	06:46	130	130	0
23-May-16	5	1	05:11	10	10	0
23-May-16	5	3	05:51	45	30	15
24-Aug-16	6	1	14:22	130	75	55
15-May-18	6	1	05:57	5	5	0
15-May-18	6	1	06:59	75	75	0
15-May-18	6	2	09:00	4	4	0
15-May-18	6	1	10:02	15	15	0
18-May-18	3	1	08:26	17	17	0
18-May-18	3	2	08:31	15	15	0
18-May-18	3	1	09:35	3	3	0
07-Jun-18	3	1	16:05	45	0	45
12-Jun-18	6	1	10:50	5	5	0
12-Jun-18	6	1	11:57	9	9	0
12-Jun-18	6	1	14:01	5	5	0
12-Jun-18	6	1	14:21	2	2	0
12-Jun-18	6	1	14:50	8	8	0
12-Jun-18	6	1	15:29	3	3	0
13-Jun-18	5	1	10:40	3	3	0
22-May-16	1	2	06:46	130	130	0
23-May-16	5	1	05:11	10	10	0
23-May-16	5	3	05:51	45	30	15
24-Aug-16	6	1	14:22	130	75	55
15-May-18	6	1	05:57	5	5	0
15-May-18	6	1	06:59	75	75	0
15-May-18	6	2	09:00	4	4	0
15-May-18	6	1	10:02	15	15	0
18-May-18	3	1	08:26	17	17	0
18-May-18	3	2	08:31	15	15	0
18-May-18	3	1	09:35	3	3	0
07-Jun-18	3	1	16:05	45	0	45
12-Jun-18	6	1	10:50	5	5	0
12-Jun-18	6	1	11:57	9	9	0
12-Jun-18	6	1	14:01	5	5	0
12-Jun-18	6	1	14:21	2	2	0
12-Jun-18	6	1	14:50	8	8	0
12-Jun-18	6	1	15:29	3	3	0
13-Jun-18	5	1	10:40	3	3	0

**Table 11 – Fulmar Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
05-Apr-16	2	1	17:45	100	85	15
23-May-16	5	1	10:56	90	30	60
02-Jun-16	3	1	17:28	15	15	0
03-Jun-16	4	1	19:39	150	30	120
06-Jun-16	1	1	20:20	20	20	0
10-Jun-16	4	1	18:07	180	0	180
18-Jul-16	2	1	04:59	93	93	0
18-Jul-16	2	2	09:46	136	30	106
19-Jul-16	1	2	16:31	66	0	66
19-Jul-16	1	1	19:33	129	0	129
21-Jul-16	4	1	13:50	46	0	46
22-Jul-16	3	1	07:54	131	131	0
10-Aug-16	3	1	16:14	225	0	225
12-Aug-16	6	1	16:19	420	45	375
12-Aug-16	6	1	17:39	120	60	60
12-Aug-16	6	1	19:46	85	75	10
12-Aug-16	6	1	20:04	130	0	130
24-Aug-16	6	1	13:38	75	15	60
24-Aug-16	6	1	14:03	190	60	130
24-Aug-16	6	1	14:50	20	20	0
24-Aug-16	6	1	15:32	210	60	150
24-Aug-16	6	1	17:15	60	10	45
24-Aug-16	6	5	18:51	175	0	175
29-Aug-16	5	1	07:07	22	22	0
29-Aug-16	5	1	07:15	380	0	380
29-Aug-16	5	1	07:29	160	15	145
29-Aug-16	5	1	10:36	30	25	5
29-Aug-16	5	1	11:16	45	0	45
29-Aug-16	5	1	11:31	15	10	5
29-Aug-16	5	1	12:11	60	30	30
31-Aug-16	3	1	06:20	15	15	0
31-Aug-16	3	3	07:12	220	0	220
31-Aug-16	3	1	08:19	60	0	60
31-Aug-16	3	2	10:18	100	0	100
31-Aug-16	3	4	10:45	135	0	135
31-Aug-16	3	2	10:48	10	10	0
31-Aug-16	3	2	11:38	100	0	100
06-Apr-18	4	1	18:04	75	60	15
16-May-18	5	1	06:00	33	33	0
16-May-18	5	1	07:01	14	14	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
16-May-18	5	1	08:03	33	33	0
18-May-18	3	1	08:25	124	14	110
05-Jul-18	6	1	20:47	106	6	100
05-Jul-18	6	1	18:54	135	75	60
05-Jul-18	6	1	18:58	60	45	15
02-Jul-18	5	1	16:38	75	0	75
06-Aug-18	5	2	15:25	140	0	140
07-Aug-18	6	4	14:32	60	30	30
07-Aug-18	6	1	15:15	90	35	55
07-Aug-18	6	2	15:26	150	0	150
07-Aug-18	6	1	15:47	60	45	15
23-Aug-18	5	1	08:07	31	31	0
23-Aug-18	5	3	10:18	105	0	105
24-Aug-18	6	3	05:44	190	105	85
24-Aug-18	6	6	06:31	60	60	0
24-Aug-18	6	2	10:43	55	55	0
24-Aug-18	6	1	10:58	158	143	15
24-Aug-18	6	1	11:16	50	35	15

**Table 12 – Golden Plover Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
05-May-16	4	1	06:02	15	15	0
05-May-16	4	2	10:20	5	5	0
22-May-16	1	2	06:02	105	105	0
27-May-16	6	1	07:46	10	10	0
27-May-16	6	2	09:20	15	15	0
01-Jun-16	2	1	17:49	5	5	0
02-Jun-16	3	1	18:13	53	50	3
02-Jun-16	3	1	18:19	15	15	0
06-Jun-16	1	1	18:01	20	20	0
07-Jun-16	6	2	18:51	15	15	0
10-Jun-16	4	1	18:55	80	30	50
18-Jul-16	2	1	05:49	57	27	30
19-Jul-16	1	1	19:25	54	9	45
20-Jul-16	5	1	08:21	55	55	0
20-Jul-16	5	1	08:52	73	73	0
20-Jul-16	5	3	09:09	64	64	0
20-Jul-16	5	2	09:28	61	31	30
20-Jul-16	5	1	12:08	51	51	0
22-Jul-16	3	1	05:07	52	37	15
22-Jul-16	3	1	08:42	59	29	30
04-Aug-16	1	1	16:52	60	60	0
23-Aug-16	2	7	09:27	35	35	0
04-Nov-17	4	9	10:10	45	0	45
05-Nov-17	2	5	11:30	150	75	75
18-Jan-18	6	3	12:15	10	10	0
21-Feb-18	6	2	07:50	23	23	0
04-Apr-18	2	1	18:30	48	0	48
04-Apr-18	2	1	19:18	95	0	95
10-Apr-18	6	1	13:30	151	11	140
10-Apr-18	6	2	14:24	10	10	0
10-Apr-18	6	1	17:57	49	0	49
10-Apr-18	6	1	18:11	332	0	332
10-Apr-18	6	2	18:18	135	20	105
15-May-18	6	1	06:40	45	10	35
15-May-18	6	1	07:55	60	15	45
16-May-18	1	2	04:50	25	0	25
16-May-18	1	1	04:58	3	3	0
16-May-18	1	1	05:20	246	10	206
16-May-18	1	1	06:05	130	0	130
16-May-18	1	1	06:37	105	0	105

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
16-May-18	1	1	06:45	15	15	0
16-May-18	1	1	06:55	50	35	15
16-May-18	1	3	09:00	3	3	0
16-May-18	5	1	08:05	4	4	0
17-May-18	4	2	08:46	6	0	6
07-Jun-18	3	2	16:06	5	5	0
07-Jun-18	3	1	16:12	4	4	0
07-Jun-18	1	1	15:04	104	0	104
07-Jun-18	1	1	15:34	117	0	117
07-Jun-18	1	3	15:42	5	5	0
07-Jun-18	1	1	16:27	26	26	0
08-Jun-18	2	1	11:34	58	0	58
08-Jun-18	4	1	10:49	31	0	31
08-Jun-18	4	1	12:31	47	2	45
12-Jun-18	6	1	14:59	29	29	0
13-Jun-18	5	1	11:25	17	17	0
05-Jul-18	6	1	20:35	20	20	0
02-Jul-18	5	1	19:47	10	10	0
02-Jul-18	5	2	20:55	300	0	300
06-Jul-18	4	2	18:44	80	10	70
06-Jul-18	1	2	19:39	218	53	165
06-Jul-18	1	1	20:18	325	180	145
01-Aug-18	4	1	16:20	9	9	0
02-Aug-18	2	1	10:23	7	7	0
02-Aug-18	1	41	13:45	167	32	135
06-Aug-18	5	2	10:05	80	0	80
15-Aug-18	2	4	09:39	32	32	0

**Table 13 – Great Skua Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
08-Apr-16	5	2	17:50	30	30	0
08-Apr-16	5	1	18:20	160	145	15
08-Apr-16	5	1	18:40	15	15	0
08-Apr-16	5	1	19:16	40	40	0
11-Apr-16	6	1	14:34	180	135	45
11-Apr-16	6	1	15:50	120	60	60
11-Apr-16	6	1	16:43	160	130	30
11-Apr-16	6	1	16:43	60	30	30
11-Apr-16	6	1	17:53	90	90	0
03-May-16	2	1	05:21	55	55	0
03-May-16	2	1	05:40	150	150	0
03-May-16	2	1	06:20	140	60	80
03-May-16	2	1	07:10	30	30	0
03-May-16	2	1	07:10	60	60	0
03-May-16	2	2	07:25	30	30	0
03-May-16	2	1	08:43	50	50	0
03-May-16	2	1	10:03	35	35	0
03-May-16	2	1	10:42	45	45	0
03-May-16	2	1	10:53	240	90	150
04-May-16	3	1	05:07	90	40	45
04-May-16	3	1	07:03	45	45	0
04-May-16	3	2	07:04	60	60	0
04-May-16	3	1	07:27	130	110	20
04-May-16	3	1	07:27	180	140	40
04-May-16	3	1	09:19	90	50	40
04-May-16	3	1	09:46	220	120	100
04-May-16	3	1	09:50	140	100	40
04-May-16	3	1	10:57	12	12	0
04-May-16	3	1	11:04	96	90	6
04-May-16	3	1	11:06	32	32	0
05-May-16	4	2	05:26	70	45	25
05-May-16	4	1	05:28	30	30	0
05-May-16	4	1	06:24	22	22	0
05-May-16	4	1	07:15	60	50	10
05-May-16	4	1	07:45	40	40	0
05-May-16	4	2	08:57	138	88	50
05-May-16	4	1	09:19	45	45	0
05-May-16	4	1	09:50	35	35	0
05-May-16	4	1	10:19	35	35	0
05-May-16	4	1	10:19	20	20	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
05-May-16	4	1	10:41	75	75	0
05-May-16	4	1	10:47	300	220	80
05-May-16	4	1	11:13	5	5	0
22-May-16	1	2	04:57	75	60	15
22-May-16	1	3	08:26	225	15	210
22-May-16	1	1	08:48	30	30	0
22-May-16	1	2	09:16	60	60	0
22-May-16	1	1	09:21	30	30	0
22-May-16	1	3	09:49	30	0	30
22-May-16	1	1	10:07	30	30	0
22-May-16	1	3	10:37	30	30	0
22-May-16	1	1	10:48	105	0	105
22-May-16	1	1	11:01	120	60	60
23-May-16	5	1	05:17	15	15	0
23-May-16	5	1	05:20	45	45	0
23-May-16	5	1	07:53	90	30	60
23-May-16	5	2	09:16	45	45	0
23-May-16	5	1	10:24	60	45	15
23-May-16	5	2	10:51	75	30	45
23-May-16	5	2	11:02	30	30	0
23-May-16	5	1	11:07	15	15	0
23-May-16	5	2	11:48	60	15	45
23-May-16	5	1	11:56	40	0	40
23-May-16	5	1	11:59	120	30	90
23-May-16	5	1	12:28	30	30	0
27-May-16	6	1	05:57	45	45	0
27-May-16	6	1	06:32	240	45	195
27-May-16	6	1	06:56	110	30	80
27-May-16	6	1	07:22	140	75	65
27-May-16	6	1	07:52	345	0	345
27-May-16	6	1	07:58	120	55	65
27-May-16	6	1	09:43	90	0	90
27-May-16	6	1	10:16	80	35	45
27-May-16	6	1	10:21	90	0	90
27-May-16	6	2	10:39	405	120	285
27-May-16	6	1	11:13	120	0	120
27-May-16	6	6	11:21	720	0	720
27-May-16	6	1	11:29	30	30	0
27-May-16	6	1	11:33	160	15	145
27-May-16	6	4	11:42	420	0	420
27-May-16	6	4	11:56	180	0	180



Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
27-May-16	6	4	11:59	60	0	60
01-Jun-16	2	1	18:45	115	115	0
02-Jun-16	3	2	16:22	25	25	0
02-Jun-16	3	1	16:49	160	160	0
02-Jun-16	3	3	17:18	36	36	0
02-Jun-16	3	1	17:18	50	50	0
02-Jun-16	3	1	17:38	165	135	30
02-Jun-16	3	1	17:52	90	90	0
02-Jun-16	3	2	18:13	115	45	70
02-Jun-16	3	1	18:28	73	73	0
02-Jun-16	3	1	18:40	20	20	0
02-Jun-16	3	1	18:48	15	15	0
02-Jun-16	3	2	19:32	20	20	0
02-Jun-16	3	1	19:43	80	80	0
02-Jun-16	3	1	20:04	60	60	0
02-Jun-16	3	1	20:53	135	120	15
02-Jun-16	3	1	21:02	11	11	0
02-Jun-16	3	1	21:05	25	25	0
02-Jun-16	3	1	21:08	100	100	0
02-Jun-16	3	1	21:14	45	20	25
02-Jun-16	3	1	21:19	165	90	75
02-Jun-16	3	1	21:33	20	20	0
02-Jun-16	3	2	21:54	90	90	0
02-Jun-16	3	1	22:07	20	20	0
02-Jun-16	3	1	22:12	130	130	0
03-Jun-16	4	1	19:54	60	60	0
03-Jun-16	4	1	20:22	190	135	55
03-Jun-16	4	1	22:04	15	15	0
06-Jun-16	1	1	16:18	90	15	75
06-Jun-16	1	1	17:01	240	0	240
06-Jun-16	1	1	17:37	20	20	0
06-Jun-16	1	1	17:38	70	25	45
06-Jun-16	1	1	18:11	90	60	30
06-Jun-16	1	1	18:32	80	20	60
06-Jun-16	1	1	18:48	60	45	15
06-Jun-16	1	1	19:58	60	30	30
06-Jun-16	1	1	20:05	95	60	35
06-Jun-16	1	1	20:30	195	0	195
06-Jun-16	1	1	20:41	70	15	55
06-Jun-16	1	1	20:52	240	150	90
06-Jun-16	1	1	21:28	20	20	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
06-Jun-16	1	1	21:48	400	45	105
06-Jun-16	1	1	22:08	120	30	90
07-Jun-16	6	1	16:40	65	65	0
07-Jun-16	6	1	16:45	300	60	240
07-Jun-16	6	1	17:30	60	60	0
07-Jun-16	6	1	17:45	120	60	60
07-Jun-16	6	1	17:52	15	15	0
07-Jun-16	6	1	18:09	165	30	135
07-Jun-16	6	1	18:28	35	35	0
07-Jun-16	6	1	18:49	100	25	75
07-Jun-16	6	1	19:55	18	18	0
07-Jun-16	6	1	20:11	105	15	90
07-Jun-16	6	1	20:43	35	15	20
07-Jun-16	6	1	20:49	135	0	135
07-Jun-16	6	1	20:52	15	15	0
07-Jun-16	6	1	21:03	25	25	0
07-Jun-16	6	1	21:10	110	110	0
07-Jun-16	6	1	21:51	75	75	0
10-Jun-16	4	2	16:42	360	105	255
10-Jun-16	4	1	17:28	60	60	0
10-Jun-16	4	1	17:53	30	30	0
10-Jun-16	4	1	17:59	15	15	0
10-Jun-16	4	1	18:29	15	15	0
26-Jun-16	5	1	14:32	60	45	15
26-Jun-16	5	1	14:57	20	20	0
26-Jun-16	5	2	15:11	70	15	55
26-Jun-16	5	1	15:21	170	30	140
26-Jun-16	5	1	15:48	105	100	5
26-Jun-16	5	1	15:57	30	30	0
26-Jun-16	5	2	16:43	230	75	155
26-Jun-16	5	1	16:54	200	30	170
26-Jun-16	5	1	17:07	90	30	60
29-Jun-16	5	1	20:11	70	70	0
29-Jun-16	5	1	20:30	25	25	0
29-Jun-16	5	1	20:35	285	225	60
29-Jun-16	5	1	22:10	60	45	15
29-Jun-16	5	1	22:12	20	20	0
18-Jul-16	2	1	04:15	184	0	184
18-Jul-16	2	1	04:28	130	55	75
18-Jul-16	2	1	04:36	103	0	103
18-Jul-16	2	1	04:46	67	37	30

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
18-Jul-16	2	1	05:03	37	37	0
18-Jul-16	2	3	05:06	125	90	35
18-Jul-16	2	1	05:30	121	46	75
18-Jul-16	2	3	05:41	90	0	90
18-Jul-16	2	1	06:24	109	0	109
18-Jul-16	2	1	06:49	163	90	73
18-Jul-16	2	2	06:53	122	77	45
18-Jul-16	2	1	06:57	111	21	90
18-Jul-16	2	1	07:13	142	0	142
18-Jul-16	2	1	07:50	174	99	75
18-Jul-16	2	1	07:55	46	46	0
18-Jul-16	2	2	08:00	62	62	0
18-Jul-16	2	1	08:09	468	0	468
18-Jul-16	2	1	08:28	121	15	106
18-Jul-16	2	3	08:44	61	61	0
18-Jul-16	2	1	08:46	312	147	165
18-Jul-16	2	1	08:54	223	88	135
18-Jul-16	2	1	09:37	52	52	0
18-Jul-16	2	1	09:54	265	150	115
18-Jul-16	2	1	10:11	128	0	128
18-Jul-16	2	1	10:32	189	189	0
19-Jul-16	1	2	15:39	93	33	60
19-Jul-16	1	1	15:48	91	15	76
19-Jul-16	1	1	15:53	34	0	34
19-Jul-16	1	3	15:54	149	119	30
19-Jul-16	1	1	16:08	107	30	77
19-Jul-16	1	2	16:12	62	0	62
19-Jul-16	1	2	16:16	173	0	173
19-Jul-16	1	2	16:21	71	0	71
19-Jul-16	1	2	16:36	65	65	0
19-Jul-16	1	1	16:40	82	0	82
19-Jul-16	1	1	16:52	32	32	0
19-Jul-16	1	1	17:00	95	95	0
19-Jul-16	1	1	17:04	108	108	0
19-Jul-16	1	1	17:10	84	84	0
19-Jul-16	1	1	17:14	165	165	0
19-Jul-16	1	1	17:24	70	70	0
19-Jul-16	1	2	17:27	43	43	0
19-Jul-16	1	1	17:37	46	46	0
19-Jul-16	1	1	17:43	88	88	0
19-Jul-16	1	1	17:56	123	123	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
19-Jul-16	1	1	18:24	59	0	59
19-Jul-16	1	1	18:30	48	48	0
19-Jul-16	1	1	19:09	24	24	0
19-Jul-16	1	1	19:12	117	0	117
19-Jul-16	1	1	19:19	158	60	98
19-Jul-16	1	1	19:43	113	113	0
19-Jul-16	1	2	20:05	56	56	0
19-Jul-16	1	1	20:08	96	75	21
19-Jul-16	1	1	20:18	211	0	211
19-Jul-16	1	1	20:30	77	0	77
19-Jul-16	1	1	20:33	55	30	25
19-Jul-16	1	1	20:36	117	0	117
19-Jul-16	1	1	20:40	57	27	30
19-Jul-16	1	1	20:54	23	23	0
19-Jul-16	1	1	21:05	124	30	94
19-Jul-16	1	1	21:35	75	0	75
19-Jul-16	1	1	21:46	75	0	75
20-Jul-16	5	1	07:53	100	100	0
20-Jul-16	5	1	08:01	101	101	0
20-Jul-16	5	1	08:03	92	92	0
20-Jul-16	5	1	08:05	69	69	0
20-Jul-16	5	1	08:15	77	77	0
20-Jul-16	5	2	08:27	169	169	0
20-Jul-16	5	2	08:40	161	161	0
20-Jul-16	5	1	08:47	58	58	0
20-Jul-16	5	1	09:03	79	79	0
20-Jul-16	5	2	09:14	64	64	0
20-Jul-16	5	1	09:21	83	83	0
20-Jul-16	5	1	09:24	90	90	0
20-Jul-16	5	1	09:47	76	76	0
20-Jul-16	5	1	09:50	193	0	193
20-Jul-16	5	1	10:18	144	144	0
20-Jul-16	5	1	11:13	164	164	0
20-Jul-16	5	2	11:29	47	47	0
20-Jul-16	5	1	11:32	98	98	0
20-Jul-16	5	2	11:41	23	23	0
20-Jul-16	5	2	11:45	96	96	0
20-Jul-16	5	1	12:12	31	31	0
20-Jul-16	5	2	12:15	56	56	0
20-Jul-16	5	1	12:21	31	31	0
20-Jul-16	5	1	12:23	104	104	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
20-Jul-16	5	1	12:29	119	119	0
20-Jul-16	5	1	12:40	91	91	0
20-Jul-16	5	1	12:52	125	125	0
20-Jul-16	5	1	13:08	98	98	0
20-Jul-16	5	1	13:15	139	139	0
20-Jul-16	5	1	13:20	124	124	0
20-Jul-16	5	1	13:37	168	168	0
20-Jul-16	5	1	14:01	54	54	0
21-Jul-16	4	1	12:27	53	53	0
21-Jul-16	4	1	12:38	75	75	0
21-Jul-16	4	1	12:48	78	78	0
21-Jul-16	4	1	13:41	33	33	0
21-Jul-16	4	1	13:45	104	104	0
21-Jul-16	4	1	14:11	55	55	0
21-Jul-16	4	1	14:18	7	19	60
21-Jul-16	4	2	14:32	57	57	0
21-Jul-16	4	1	14:38	40	40	0
21-Jul-16	4	1	14:40	61	61	0
21-Jul-16	4	1	15:14	158	113	45
21-Jul-16	4	1	15:55	128	128	0
21-Jul-16	4	1	16:14	76	76	0
21-Jul-16	4	1	16:20	74	74	0
21-Jul-16	4	1	16:36	71	71	0
21-Jul-16	4	1	16:40	44	44	0
21-Jul-16	4	1	16:48	103	103	0
21-Jul-16	4	1	17:06	69	0	69
21-Jul-16	4	1	17:18	92	92	0
21-Jul-16	4	1	17:23	95	95	0
21-Jul-16	4	1	17:27	67	67	0
21-Jul-16	4	1	17:52	74	74	0
21-Jul-16	4	1	17:57	47	47	0
21-Jul-16	4	1	17:59	86	41	45
21-Jul-16	4	1	18:03	56	0	56
22-Jul-16	3	1	04:38	110	35	75
22-Jul-16	3	1	04:40	66	6	60
22-Jul-16	3	1	04:41	128	105	23
22-Jul-16	3	1	04:49	182	45	137
22-Jul-16	3	1	05:13	164	60	104
22-Jul-16	3	2	05:57	33	33	0
22-Jul-16	3	1	06:32	159	0	159
22-Jul-16	3	1	07:00	147	60	87

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
22-Jul-16	3	1	07:06	114	114	0
22-Jul-16	3	1	07:52	101	101	0
22-Jul-16	3	1	07:53	51	51	0
22-Jul-16	3	1	08:01	127	127	0
22-Jul-16	3	1	08:24	106	106	0
22-Jul-16	3	1	08:51	125	125	0
22-Jul-16	3	1	09:05	62	62	0
22-Jul-16	3	1	09:51	104	59	45
22-Jul-16	3	1	10:06	107	105	2
22-Jul-16	3	2	10:14	234	84	150
22-Jul-16	3	1	10:21	62	62	0
22-Jul-16	3	1	10:33	111	111	0
02-Aug-16	6	1	05:20	15	15	0
02-Aug-16	6	2	05:25	44	44	0
02-Aug-16	6	1	05:34	15	15	0
02-Aug-16	6	1	05:44	84	84	0
02-Aug-16	6	1	08:30	160	70	90
02-Aug-16	6	1	08:42	30	30	0
02-Aug-16	6	1	09:01	80	50	30
02-Aug-16	6	1	09:35	90	90	0
02-Aug-16	6	1	09:56	120	90	30
02-Aug-16	6	3	10:10	20	20	0
02-Aug-16	6	2	10:46	125	110	15
02-Aug-16	6	1	10:52	185	110	75
02-Aug-16	6	1	11:02	45	45	0
02-Aug-16	6	1	11:11	60	45	15
02-Aug-16	6	1	11:16	240	30	210
03-Aug-16	2	1	16:06	30	30	0
03-Aug-16	2	2	16:44	60	60	0
03-Aug-16	2	1	16:58	30	15	15
03-Aug-16	2	2	17:02	160	25	135
03-Aug-16	2	1	17:23	15	15	0
03-Aug-16	2	1	19:45	15	10	5
04-Aug-16	1	1	15:18	15	15	0
04-Aug-16	1	1	15:31	75	75	0
04-Aug-16	1	2	15:47	15	15	0
04-Aug-16	1	2	15:56	130	30	100
04-Aug-16	1	1	16:09	105	90	15
04-Aug-16	1	1	16:18	20	20	0
04-Aug-16	1	1	16:25	20	20	0
04-Aug-16	1	1	16:28	122	122	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
04-Aug-16	1	1	16:36	100	70	30
04-Aug-16	1	1	16:55	50	35	15
04-Aug-16	1	1	17:03	60	15	45
04-Aug-16	1	1	17:23	55	55	0
04-Aug-16	1	1	17:30	65	25	30
04-Aug-16	1	1	17:35	20	20	0
04-Aug-16	1	1	17:39	8	8	0
04-Aug-16	1	1	17:42	105	90	15
04-Aug-16	1	1	17:49	90	90	0
04-Aug-16	1	1	18:01	12	12	0
04-Aug-16	1	1	19:06	78	30	48
04-Aug-16	1	1	19:13	35	35	0
04-Aug-16	1	1	19:17	22	22	0
04-Aug-16	1	1	19:21	22	22	0
04-Aug-16	1	1	19:21	195	150	45
04-Aug-16	1	1	19:33	20	20	0
04-Aug-16	1	1	19:42	30	30	0
04-Aug-16	1	1	19:45	65	65	0
04-Aug-16	1	1	20:07	65	30	35
04-Aug-16	1	1	20:10	18	18	0
04-Aug-16	1	1	20:21	150	150	0
04-Aug-16	1	1	20:32	17	17	0
04-Aug-16	1	1	20:38	10	10	0
04-Aug-16	1	1	20:46	95	20	75
04-Aug-16	1	1	21:03	55	55	0
04-Aug-16	1	1	21:20	175	30	145
09-Aug-16	4	1	15:15	50	45	5
09-Aug-16	4	1	15:25	50	50	0
09-Aug-16	4	1	15:35	10	10	0
09-Aug-16	4	1	15:48	110	80	30
09-Aug-16	4	1	16:01	60	50	10
09-Aug-16	4	1	16:22	70	70	0
09-Aug-16	4	1	16:33	30	5	25
09-Aug-16	4	1	16:38	480	285	195
09-Aug-16	4	1	17:10	25	25	0
09-Aug-16	4	1	17:14	45	45	0
09-Aug-16	4	1	17:26	33	33	0
09-Aug-16	4	1	17:36	25	25	0
09-Aug-16	4	1	17:45	30	30	0
09-Aug-16	4	1	19:38	45	45	0
09-Aug-16	4	1	20:10	300	270	30

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
09-Aug-16	4	1	20:38	135	135	0
09-Aug-16	4	1	20:56	73	73	0
10-Aug-16	3	1	14:55	25	25	0
10-Aug-16	3	1	15:13	265	105	160
10-Aug-16	3	1	15:42	270	90	180
10-Aug-16	3	1	16:30	35	35	0
10-Aug-16	3	1	17:21	190	130	60
10-Aug-16	3	1	18:23	30	30	0
10-Aug-16	3	1	18:32	105	105	0
10-Aug-16	3	2	19:13	30	30	0
10-Aug-16	3	1	19:21	60	60	0
10-Aug-16	3	1	19:26	105	0	105
10-Aug-16	3	1	19:38	130	85	45
10-Aug-16	3	1	19:38	45	45	0
10-Aug-16	3	1	20:11	320	230	90
10-Aug-16	3	1	20:11	100	15	85
10-Aug-16	3	1	20:56	40	40	0
10-Aug-16	3	1	21:07	85	25	60
12-Aug-16	6	1	15:50	15	15	0
12-Aug-16	6	1	15:53	60	60	0
12-Aug-16	6	1	15:57	165	105	60
12-Aug-16	6	1	16:14	20	20	0
12-Aug-16	6	1	16:47	120	105	15
12-Aug-16	6	1	17:08	12	12	0
12-Aug-16	6	1	17:11	150	150	0
12-Aug-16	6	1	17:26	180	150	30
12-Aug-16	6	1	20:16	45	45	0
12-Aug-16	6	1	20:19	150	45	105
22-Aug-16	5	1	14:17	125	65	60
22-Aug-16	5	1	14:45	28	28	0
22-Aug-16	5	1	14:58	28	28	0
22-Aug-16	5	1	14:59	85	30	55
22-Aug-16	5	1	15:14	30	30	0
22-Aug-16	5	1	15:49	70	45	25
22-Aug-16	5	1	16:10	18	18	0
22-Aug-16	5	1	16:23	20	20	0
22-Aug-16	5	1	16:45	70	15	55
22-Aug-16	5	1	16:57	10	10	0
22-Aug-16	5	2	17:09	35	30	5
23-Aug-16	2	1	05:50	30	15	15
23-Aug-16	2	1	05:55	120	0	120



Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
23-Aug-16	2	1	06:12	40	20	20
23-Aug-16	2	2	06:31	80	65	15
23-Aug-16	2	1	06:45	155	60	95
23-Aug-16	2	2	07:12	60	60	0
23-Aug-16	2	1	07:19	95	75	20
23-Aug-16	2	1	08:02	140	45	95
23-Aug-16	2	3	08:26	225	225	0
23-Aug-16	2	1	08:38	85	65	20
23-Aug-16	2	1	09:46	26	26	0
23-Aug-16	2	1	10:07	45	45	0
23-Aug-16	2	1	11:46	60	0	60
24-Aug-16	6	1	13:48	135	75	60
24-Aug-16	6	1	13:58	102	102	0
24-Aug-16	6	1	16:58	95	0	95
24-Aug-16	6	1	18:05	170	5	165
24-Aug-16	6	1	19:07	70	0	70
24-Aug-16	6	1	19:11	185	0	185
24-Aug-16	6	1	19:21	230	0	230
24-Aug-16	6	1	19:42	210	20	190
25-Aug-16	1	1	05:43	180	0	180
25-Aug-16	1	1	06:17	165	45	50
25-Aug-16	1	1	06:45	70	70	0
25-Aug-16	1	1	06:50	155	20	135
25-Aug-16	1	1	07:22	310	45	265
25-Aug-16	1	1	07:38	270	0	270
25-Aug-16	1	1	08:02	120	20	100
25-Aug-16	1	1	08:23	55	30	25
25-Aug-16	1	1	08:29	165	10	155
25-Aug-16	1	1	08:37	140	0	140
25-Aug-16	1	1	09:27	120	15	105
25-Aug-16	1	1	09:45	170	0	170
25-Aug-16	1	2	10:05	960	60	900
25-Aug-16	1	1	10:59	120	30	90
25-Aug-16	1	1	11:08	885	75	810
25-Aug-16	1	1	11:38	195	60	135
25-Aug-16	1	1	11:50	55	55	0
25-Aug-16	1	1	11:52	60	45	15
25-Aug-16	1	1	12:01	540	90	450
26-Aug-16	4	4	06:42	30	30	0
26-Aug-16	4	1	07:35	210	0	210
26-Aug-16	4	1	07:36	65	45	20

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
26-Aug-16	4	1	08:02	145	45	100
26-Aug-16	4	2	08:09	45	20	25
26-Aug-16	1	1	08:21	195	0	195
26-Aug-16	4	1	09:23	95	65	30
26-Aug-16	4	1	09:29	130	30	100
26-Aug-16	4	1	10:19	90	75	15
26-Aug-16	4	1	10:31	180	15	165
26-Aug-16	4	1	10:41	330	60	270
26-Aug-16	4	1	11:14	570	0	570
26-Aug-16	4	1	11:48	40	10	30
26-Aug-16	4	1	11:59	53	0	53
26-Aug-16	4	1	12:04	60	15	45
29-Aug-16	5	1	07:53	95	15	80
29-Aug-16	5	1	08:08	180	15	165
29-Aug-16	5	1	09:27	15	15	0
29-Aug-16	5	1	10:29	35	35	0
29-Aug-16	5	1	10:47	170	110	60
29-Aug-16	5	1	11:36	90	60	30
29-Aug-16	5	1	11:42	35	5	30
29-Aug-16	5	1	11:52	115	45	70
29-Aug-16	5	2	12:05	27	27	0
29-Aug-16	5	1	12:15	30	30	0
29-Aug-16	5	1	12:18	15	10	5
31-Aug-16	3	1	06:23	95	35	60
31-Aug-16	3	1	06:55	23	18	5
31-Aug-16	3	1	07:03	45	45	0
31-Aug-16	3	1	07:49	140	65	75
31-Aug-16	3	1	07:54	10	10	0
31-Aug-16	3	1	08:17	130	130	0
31-Aug-16	3	1	08:34	45	30	15
31-Aug-16	3	1	08:47	250	145	105
31-Aug-16	3	1	09:29	15	15	0
31-Aug-16	3	1	09:45	45	45	0
31-Aug-16	3	1	09:45	15	15	0
31-Aug-16	3	1	10:15	34	34	0
31-Aug-16	3	1	10:34	105	45	60
31-Aug-16	3	1	11:04	145	5	140
31-Aug-16	3	1	11:30	107	17	90
31-Aug-16	3	1	11:43	55	55	0
31-Aug-16	3	1	11:44	15	15	0
31-Aug-16	3	1	12:04	38	38	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
31-Aug-16	3	1	12:16	20	20	0
31-Aug-16	3	1	12:25	30	20	10
01-Sep-16	5	1	17:50	180	5	175
01-Sep-16	5	1	18:00	80	30	50
01-Sep-16	5	1	18:17	170	170	0
01-Sep-16	5	1	18:19	15	15	0
01-Sep-16	5	1	18:26	42	42	0
01-Sep-16	5	1	19:12	40	35	5
01-Sep-16	5	1	19:28	50	30	20
01-Sep-16	5	1	19:40	100	75	25
01-Sep-16	5	1	19:40	35	10	25
01-Sep-16	5	1	19:53	62	17	45
20-Sep-17	3	1	16:26	45	20	25
22-Sep-17	5	1	12:39	55	40	15
22-Sep-17	5	1	13:06	57	42	15
22-Sep-17	5	1	13:21	26	26	0
22-Sep-17	5	1	14:22	60	60	0
22-Sep-17	5	1	16:48	76	65	11
22-Sep-17	5	1	17:04	84	24	60
22-Sep-17	5	1	17:17	170	95	75
23-Sep-17	4	1	12:48	82	52	30
23-Sep-17	4	1	14:03	145	100	45
23-Sep-17	4	1	15:12	98	53	45
23-Sep-17	4	1	15:13	64	4	60
23-Sep-17	4	1	15:20	56	56	0
23-Sep-17	4	1	16:16	103	88	15
23-Sep-17	4	1	16:21	24	9	15
23-Sep-17	4	1	16:29	107	15	92
23-Sep-17	4	1	16:47	25	25	0
23-Sep-17	4	1	16:51	29	29	0
23-Sep-17	4	2	17:15	45	40	5
23-Sep-17	4	1	17:58	71	26	45
23-Sep-17	4	1	18:28	86	71	15
26-Sep-17	2	1	11:03	72	32	45
26-Sep-17	1	1	14:22	45	15	30
26-Sep-17	1	1	16:12	81	6	75
26-Sep-17	1	1	16:47	58	8	50
26-Sep-17	1	2	18:16	128	38	90
26-Sep-17	1	1	18:30	24	24	0
27-Sep-17	6	1	12:31	68	5	60
27-Sep-17	6	1	12:57	132	87	45

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
27-Sep-17	6	1	13:37	75	75	0
27-Sep-17	6	1	14:42	57	42	15
27-Sep-17	6	1	14:54	109	49	60
27-Sep-17	6	1	14:59	61	16	45
27-Sep-17	6	1	15:54	118	88	30
27-Sep-17	6	1	17:31	71	41	30
27-Sep-17	6	1	18:02	54	24	30
27-Sep-17	6	1	18:38	73	15	58
04-Oct-17	2	1	11:19	10	10	0
04-Oct-17	2	1	12:41	15	15	0
04-Oct-17	2	2	13:31	120	75	45
05-Oct-17	1	2	07:52	60	60	0
05-Oct-17	1	2	07:56	30	30	0
05-Oct-17	1	3	08:41	80	80	0
05-Oct-17	1	3	08:46	90	90	0
05-Oct-17	1	1	08:59	25	25	0
05-Oct-17	1	1	12:00	25	25	0
06-Oct-17	6	1	08:44	125	125	0
06-Oct-17	6	1	09:23	315	315	0
06-Oct-17	6	1	09:58	20	20	0
06-Oct-17	6	3	11:18	250	250	0
06-Oct-17	6	3	11:40	170	60	110
06-Oct-17	6	1	12:33	270	15	255
07-Oct-17	3	1	13:39	95	0	95
07-Oct-17	3	3	13:40	30	20	10
08-Oct-17	5	1	08:00	105	105	0
08-Oct-17	5	2	08:08	75	60	15
08-Oct-17	5	2	13:45	340	90	250
09-Oct-17	4	3	12:58	140	140	0
09-Oct-17	4	1	13:38	60	60	0
09-Oct-17	4	1	13:54	75	0	76
09-Oct-17	4	1	16:05	125	5	130
09-Oct-17	4	1	17:05	75	0	75
09-Oct-17	4	1	17:20	50	0	50
02-Nov-17	1	1	10:25	210	90	120

**Table 14 – Greylag Goose Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
04-Apr-16	1	2	13:30	100	100	0
07-Apr-16	4	2	16:27	22	22	0
07-Apr-16	4	2	18:36	30	30	0
11-Apr-16	6	2	19:13	70	70	0
03-May-16	2	3	05:00	180	75	105
03-May-16	2	2	07:36	120	120	0
03-May-16	2	1	08:38	45	15	30
03-May-16	2	3	08:54	40	40	0
03-May-16	2	2	09:13	130	115	15
03-May-16	2	2	09:34	15	15	0
03-May-16	2	2	10:30	130	60	70
05-May-16	4	2	06:31	30	30	0
22-May-16	1	8	05:17	180	45	135
22-May-16	1	1	06:01	210	90	120
22-May-16	1	2	06:12	120	60	60
22-May-16	1	2	06:21	225	225	0
22-May-16	1	3	06:23	165	15	150
22-May-16	1	1	07:36	90	75	15
22-May-16	1	2	08:23	135	105	30
22-May-16	1	2	08:59	180	45	135
22-May-16	1	3	09:04	60	60	0
22-May-16	1	1	09:41	150	105	45
23-May-16	5	2	06:31	185	35	150
23-May-16	5	1	10:33	45	0	45
23-May-16	5	4	10:47	195	95	100
27-May-16	6	4	05:02	110	0	110
27-May-16	6	2	09:38	120	65	55
27-May-16	6	2	09:59	50	20	30
01-Jun-16	2	3	16:23	50	20	30
01-Jun-16	2	4	16:23	75	30	45
01-Jun-16	2	7	18:29	40	40	0
03-Jun-16	4	2	21:34	70	70	0
06-Jun-16	1	1	18:21	270	210	60
06-Jun-16	1	2	19:33	135	60	75
06-Jun-16	1	2	19:45	85	85	0
06-Jun-16	1	8	20:18	100	30	70
06-Jun-16	1	3	21:00	170	50	120
06-Jun-16	1	2	21:20	150	150	0
06-Jun-16	1	1	21:41	150	30	120
07-Jun-16	6	2	20:05	90	90	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
26-Jun-16	5	1	16:18	105	0	105
26-Jun-16	5	4	17:02	85	15	70
04-Aug-16	1	1	20:57	117	117	0
10-Aug-16	3	1	20:41	185	0	185
23-Aug-16	2	2	10:07	10	0	10
25-Aug-16	1	1	05:53	100	100	0
25-Aug-16	1	2	05:56	95	95	0
21-Sep-17	2	1	18:12	45	10	35
21-Sep-17	2	16	18:47	91	31	60
21-Sep-17	2	4	18:48	112	15	97
22-Sep-17	5	2	18:51	232	97	135
26-Sep-17	2	4	10:55	86	26	60
26-Sep-17	2	4	11:10	118	38	80
04-Oct-17	2	13	07:22	30	15	15
04-Oct-17	2	7	07:55	15	15	0
04-Oct-17	2	1	08:46	15	15	0
04-Oct-17	2	7	09:08	30	30	0
04-Oct-17	2	9	12:58	40	10	30
05-Oct-17	1	2	07:21	15	15	0
05-Oct-17	1	7	07:25	30	30	0
05-Oct-17	1	2	07:34	30	30	0
06-Oct-17	6	2	11:06	90	90	0
07-Oct-17	3	4	12:59	55	55	0
08-Oct-17	5	2	09:48	60	60	0
09-Oct-17	4	12	17:48	45	45	0
02-Nov-17	1	2	10:40	30	0	30
02-Nov-17	1	7	11:45	85	40	45
02-Nov-17	1	10	12:08	120	0	120
03-Nov-17	5	4	10:05	35	35	0
03-Nov-17	5	17	12:04	110	0	110
03-Nov-17	5	8	14:40	25	25	0
03-Nov-17	5	8	14:45	40	25	15
04-Nov-17	4	4	07:46	15	15	0
04-Nov-17	4	4	07:53	25	25	0
04-Nov-17	4	13	08:12	55	55	0
04-Nov-17	4	1	08:43	30	30	0
04-Nov-17	4	2	08:56	30	30	0
04-Nov-17	4	6	09:34	80	80	0
05-Nov-17	2	5	15:04	130	100	30
06-Nov-17	3	1	08:16	65	0	65
06-Nov-17	3	5	08:33	25	0	25

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
06-Nov-17	3	2	08:46	30	0	30
07-Nov-17	6	5	11:31	100	100	0
14-Dec-17	6	1	12:24	65	0	65
19-Feb-18	3	1	08:20	72	0	72
19-Feb-18	3	1	09:14	55	10	45
19-Feb-18	3	3	10:25	33	18	15
22-Feb-18	1	2	08:11	56	0	56
20-Feb-18	5	2	13:09	60	10	50
18-Feb-18	2	9	07:52	92	30	62
18-Feb-18	2	2	10:23	55	55	0
21-Feb-18	6	2	08:05	89	85	4
21-Feb-18	6	2	08:30	64	64	0
08-Mar-18	1	2	11:18	80	0	80
09-Mar-18	2	2	10:02	100	30	70
31-Mar-18	6	2	17:51	68	18	60
10-Apr-18	6	2	13:25	190	100	90
10-Apr-18	6	2	14:05	5	5	0
10-Apr-18	6	2	18:50	30	30	0
02-May-18	2	2	15:20	32	32	0
02-May-18	2	2	16:09	31	31	0
02-May-18	2	2	16:49	50	50	0
02-May-18	2	2	16:58	55	55	0
18-May-18	3	2	04:57	10	10	0
18-May-18	3	2	05:32	30	30	0
18-May-18	3	2	07:06	63	63	0
15-May-18	6	2	05:05	90	90	0
15-May-18	6	2	06:45	73	48	15
15-May-18	6	1	06:49	130	130	0
15-May-18	6	2	09:20	56	56	0
15-May-18	6	4	09:24	45	45	0
16-May-18	1	1	08:20	5	5	0
16-May-18	1	2	08:50	3	3	0
16-May-18	1	2	09:17	35	35	0
16-May-18	1	2	09:59	60	60	0
16-May-18	1	2	10:17	87	87	0
16-May-18	1	2	10:26	55	55	0
16-May-18	5	2	04:34	87	70	17
16-May-18	5	2	09:28	21	21	0
16-May-18	5	2	09:41	7	7	0
16-May-18	5	2	09:42	12	12	0
16-May-18	5	2	09:58	42	42	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
17-May-18	4	2	10:32	21	21	0
18-May-18	3	2	08:35	10	10	0
18-May-18	3	2	08:57	5	5	0
07-Jun-18	3	2	11:12	108	93	15
07-Jun-18	3	1	14:01	215	85	130
07-Jun-18	1	2	10:34	10	10	0
07-Jun-18	1	7	11:13	97	7	90
07-Jun-18	1	1	14:56	119	44	75
08-Jun-18	2	2	10:36	28	28	0
08-Jun-18	2	2	10:57	90	90	0
08-Jun-18	2	1	13:22	101	56	45
08-Jun-18	2	2	14:08	22	22	0
08-Jun-18	4	2	10:32	30	30	0
08-Jun-18	4	2	10:34	49	49	0
08-Jun-18	4	1	11:22	20	20	0
12-Jun-18	6	1	12:13	48	48	0
12-Jun-18	6	2	15:49	24	24	0
13-Jun-18	5	2	10:24	8	8	0
13-Jun-18	5	4	11:08	25	25	0
13-Jun-18	5	1	11:12	20	20	0
13-Jun-18	5	6	11:57	207	0	207
13-Jun-18	5	1	13:44	10	10	0
13-Jun-18	5	1	13:57	35	35	0
13-Jun-18	5	2	14:12	90	0	90
13-Jun-18	5	4	15:33	30	30	0
05-Jul-18	6	1	16:34	10	10	0
02-Aug-18	1	3	16:07	32	32	0
16-Aug-18	4	1	05:20	38	32	0
20-Aug-18	3	3	06:47	115	115	0
21-Aug-18	1	4	05:42	45	45	0
21-Aug-18	1	4	11:09	75	75	0
21-Aug-18	1	4	11:19	60	45	15



**Table 15 – Hen Harrier Flight Data.**

<b>Date</b>	<b>VP</b>	<b>Count</b>	<b>Sex</b>	<b>Time</b>	<b>Total Duration (s)</b>	<b>Duration Below Collision Height (s)</b>	<b>Duration At Collision Height (s)</b>
03-Apr-18	3	1	M	13:39	45	45	0
09-Apr-18	1	1	U	13:38	17	17	0

**Table 16 – Lapwing Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
22-May-16	1	2	06:07	75	75	0

**Table 17 – Merlin Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
19-Jul-16	1	1	U	19:37	19	4
19-Jul-16	1	1	U	19:45	15	15
05-Oct-17	1	1	U	09:51	50	50
03-Apr-18	3	1	U	13:39	48	48
08-Jun-18	4	1	U	09:59	15	15
05-Jul-18	6	2	U	20:10	10	10
02-Jul-18	2	1	U	16:33	5	5
31-Jul-18	3	1	U	16:59	5	5
21-Aug-18	1	1	U	09:20	21	15
23-Aug-18	5	1	U	10:15	8	8
19-Jul-16	1	1	U	19:37	19	4
19-Jul-16	1	1	U	19:45	15	15
05-Oct-17	1	1	U	09:51	50	50
03-Apr-18	3	1	U	13:39	48	48
08-Jun-18	4	1	U	09:59	15	15
05-Jul-18	6	2	U	20:10	10	10
02-Jul-18	2	1	U	16:33	5	5
31-Jul-18	3	1	U	16:59	5	5
21-Aug-18	1	1	U	09:20	21	15
23-Aug-18	5	1	U	10:15	8	8

**Table 18 – Oystercatcher Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
05-Apr-18	5	1	14:13	10	10	0
05-Apr-18	5	1	14:15	4	4	0
17-May-18	2	2	06:16	4	4	0
15-May-18	6	1	04:29	4	4	0
15-May-18	6	1	05:12	12	12	0
16-May-18	5	1	08:09	42	42	0
16-May-18	5	2	08:40	47	47	0
18-May-18	3	2	08:05	55	25	30
07-Jun-18	3	1	15:46	67	67	0
08-Jun-18	2	1	13:59	11	11	0
12-Jun-18	6	1	10:56	12	12	0
12-Jun-18	6	1	12:04	42	42	0
12-Jun-18	6	1	12:20	4	4	0
12-Jun-18	6	1	12:43	8	8	0
13-Jun-18	5	1	13:08	10	10	0
15-May-18	6	1	05:12	12	10	0
05-Apr-18	5	1	14:13	10	10	0
05-Apr-18	5	1	14:15	4	4	0
17-May-18	2	2	06:16	4	4	0
15-May-18	6	1	04:29	4	4	0

**Table 19 – Peregrine Flight Data.**

<b>Date</b>	<b>VP</b>	<b>Count</b>	<b>Time</b>	<b>Total Duration (s)</b>	<b>Duration Below Collision Height (s)</b>	<b>Duration At Collision Height (s)</b>
27-Sep-17	6	1	18:36	42	12	30

**Table 20 – Redshank Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
04-Apr-16	1	1	15:25	60	60	0
04-Apr-16	1	1	18:54	15	15	0
05-Apr-16	2	1	14:02	25	25	0
03-May-16	2	2	05:31	30	30	0
23-Aug-16	2	12	08:28	30	0	30
24-Aug-16	6	1	14:16	15	15	0
24-Aug-16	6	1	15:53	30	30	0
24-Aug-16	6	1	18:43	10	10	0
23-Sep-17	4	1	14:41	12	12	0
26-Sep-17	2	1	09:42	29	14	15
04-Nov-17	4	1	07:48	8	8	0
13-Dec-17	5	1	12:30	45	45	0
12-Jan-18	4	1	11:47	18	18	0
18-Jan-18	6	2	12:15	10	10	0
18-Feb-18	2	1	11:09	21	21	0
18-Feb-18	2	1	12:24	70	55	15
18-Feb-18	2	1	13:50	18	18	0
22-Feb-18	1	2	08:09	32	32	0
22-Feb-18	1	2	09:54	44	44	0
06-Mar-18	3	1	10:26	25	25	0
09-Mar-18	2	1	07:51	25	35	0
09-Mar-18	2	1	07:56	18	18	0
09-Mar-18	2	1	08:19	49	49	0
09-Mar-18	2	1	12:31	28	28	0
30-Mar-18	5	1	12:28	24	24	0
03-Apr-18	3	2	19:04	22	0	22
04-Apr-18	2	1	18:07	24	24	0
04-Apr-18	2	1	18:44	18	18	0
04-Apr-18	2	1	19:14	19	19	0

**Table 21 – Red-throated diver Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
05-Apr-16	2	2	18:32	140	0	140
08-Apr-16	5	1	15:40	275	0	275
08-Apr-16	5	1	18:47	40	0	40
08-Apr-16	5	1	18:50	15	10	5
08-Apr-16	5	2	19:08	113	90	23
03-May-16	2	1	05:04	80	20	60
03-May-16	2	1	05:06	35	30	5
03-May-16	2	2	09:44	15	15	0
04-May-16	3	1	05:59	120	0	120
05-May-16	4	2	07:34	62	62	0
22-May-16	1	1	05:48	90	45	45
22-May-16	1	2	10:21	60	0	60
27-May-16	6	1	10:07	40	40	0
01-Jun-16	2	1	17:27	70	70	0
03-Jun-16	4	1	20:26	15	15	0
03-Jun-16	4	1	21:21	35	20	15
03-Jun-16	4	2	21:29	30	0	30
03-Jun-16	4	1	21:40	30	30	0
06-Jun-16	1	1	17:05	17	17	0
06-Jun-16	1	1	17:12	15	15	0
06-Jun-16	1	2	21:10	50	15	40
07-Jun-16	6	2	16:22	105	15	90
07-Jun-16	6	1	16:54	45	0	45
07-Jun-16	6	1	18:02	70	60	10
07-Jun-16	6	1	18:41	40	40	0
07-Jun-16	6	1	20:14	345	35	310
07-Jun-16	6	1	20:14	150	15	135
07-Jun-16	6	1	21:14	50	20	30
07-Jun-16	6	1	21:30	50	50	0
07-Jun-16	6	2	21:36	240	20	220
07-Jun-16	6	2	22:16	40	15	25
10-Jun-16	4	2	17:38	40	40	0
10-Jun-16	4	1	19:24	50	35	15
26-Jun-16	5	3	15:01	180	60	120
26-Jun-16	5	2	16:03	60	15	45
29-Jun-16	5	1	19:44	45	0	45
29-Jun-16	5	2	21:30	180	30	150
29-Jun-16	5	2	21:52	70	0	70
29-Jun-16	5	1	22:15	45	45	0
18-Jul-16	2	2	05:19	334	30	304

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
18-Jul-16	2	1	05:33	128	23	105
18-Jul-16	2	5	06:16	215	195	20
18-Jul-16	2	2	06:26	49	49	0
18-Jul-16	2	2	06:31	72	0	72
18-Jul-16	2	1	06:40	186	0	186
18-Jul-16	2	1	07:08	131	0	131
18-Jul-16	2	2	08:31	198	0	198
18-Jul-16	2	2	09:09	483	120	363
19-Jul-16	1	2	18:08	41	0	41
19-Jul-16	1	2	18:19	78	0	78
19-Jul-16	1	2	19:56	173	60	113
20-Jul-16	5	2	08:09	32	32	0
20-Jul-16	5	1	09:26	35	35	0
20-Jul-16	5	2	09:33	62	62	0
20-Jul-16	5	2	09:37	136	136	0
20-Jul-16	5	2	10:07	27	27	0
20-Jul-16	5	1	10:10	108	108	0
20-Jul-16	5	1	13:25	141	0	141
20-Jul-16	5	1	13:39	59	30	29
21-Jul-16	4	1	12:23	22	22	0
21-Jul-16	4	2	12:41	43	43	0
21-Jul-16	4	2	12:50	47	47	0
21-Jul-16	4	2	13:14	68	68	0
21-Jul-16	4	1	13:38	31	31	0
21-Jul-16	4	1	14:07	42	0	42
21-Jul-16	4	1	15:02	54	54	0
21-Jul-16	4	1	16:23	41	26	15
21-Jul-16	4	2	18:11	96	0	96
21-Jul-16	4	2	18:12	266	0	266
21-Jul-16	4	2	18:13	189	105	84
21-Jul-16	4	1	18:33	71	45	30
22-Jul-16	3	2	05:08	39	0	39
22-Jul-16	3	2	07:09	223	0	223
02-Aug-16	6	1	06:00	120	30	90
02-Aug-16	6	1	06:00	240	30	210
02-Aug-16	6	2	06:31	265	25	240
02-Aug-16	6	3	06:58	290	50	240
02-Aug-16	6	2	07:09	250	25	225
02-Aug-16	6	2	07:48	70	25	45
02-Aug-16	6	2	09:08	35	20	15
02-Aug-16	6	2	09:13	300	45	255



Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
02-Aug-16	6	2	10:22	135	0	135
02-Aug-16	6	2	10:28	60	0	60
04-Aug-16	1	2	17:46	150	0	150
04-Aug-16	1	1	19:55	72	12	60
09-Aug-16	4	1	16:02	20	0	20
09-Aug-16	4	1	16:55	30	15	15
09-Aug-16	4	2	17:47	145	70	75
09-Aug-16	4	2	18:35	25	0	25
09-Aug-16	4	1	19:30	15	15	0
09-Aug-16	4	2	19:43	95	5	90
09-Aug-16	4	2	20:16	340	0	340
09-Aug-16	4	1	20:25	20	0	20
10-Aug-16	3	1	18:36	390	0	390
12-Aug-16	6	1	15:58	5	5	0
12-Aug-16	6	1	16:33	75	0	75
12-Aug-16	6	2	16:55	55	0	55
12-Aug-16	6	1	19:48	50	20	30
12-Aug-16	6	4	20:20	45	0	45
22-Aug-16	5	2	14:32	115	55	60
22-Aug-16	5	1	14:46	30	15	15
22-Aug-16	5	2	15:01	133	3	130
22-Aug-16	5	1	15:15	145	30	115
22-Aug-16	5	2	15:30	60	0	60
22-Aug-16	5	2	15:37	50	0	50
22-Aug-16	5	1	15:40	135	35	100
22-Aug-16	5	1	16:08	83	30	53
22-Aug-16	5	2	16:38	25	20	5
23-Aug-16	2	2	07:37	225	0	225
23-Aug-16	2	1	10:30	105	20	75
23-Aug-16	2	1	10:31	43	3	40
23-Aug-16	2	1	11:12	30	20	10
24-Aug-16	6	1	14:33	15	15	0
24-Aug-16	6	1	14:37	25	20	5
24-Aug-16	6	2	14:46	570	75	495
24-Aug-16	6	1	15:12	240	0	240
24-Aug-16	6	1	16:03	180	45	135
24-Aug-16	6	1	17:00	175	15	160
24-Aug-16	6	1	17:39	103	18	85
24-Aug-16	6	2	18:23	340	0	340
24-Aug-16	6	2	19:38	110	10	100
26-Aug-16	4	2	06:32	80	80	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
26-Aug-16	4	1	06:34	60	0	60
26-Aug-16	4	2	06:45	28	0	28
26-Aug-16	4	1	06:55	62	0	62
26-Aug-16	4	1	06:55	50	0	50
26-Aug-16	4	2	07:17	27	27	0
26-Aug-16	4	2	07:21	70	70	0
26-Aug-16	4	1	07:47	25	0	25
26-Aug-16	4	1	08:13	60	0	60
26-Aug-16	4	1	08:14	55	0	55
26-Aug-16	4	2	08:28	15	15	0
26-Aug-16	4	1	08:33	270	0	270
26-Aug-16	4	3	09:17	20	20	0
26-Aug-16	4	1	09:19	25	0	25
26-Aug-16	4	2	09:40	90	0	90
26-Aug-16	4	2	10:08	195	15	180
26-Aug-16	4	2	10:58	37	0	37
26-Aug-16	4	1	11:38	120	20	100
26-Aug-16	4	2	11:48	170	30	140
26-Aug-16	4	2	11:48	25	0	25
29-Aug-16	5	1	06:15	180	15	165
29-Aug-16	5	2	06:25	95	15	80
29-Aug-16	5	3	06:30	300	0	300
29-Aug-16	5	2	06:39	225	0	225
29-Aug-16	5	1	06:39	285	15	270
29-Aug-16	5	1	08:13	67	0	67
29-Aug-16	5	1	08:26	70	0	70
29-Aug-16	5	1	08:31	120	15	105
29-Aug-16	5	1	08:40	20	15	5
29-Aug-16	5	2	08:47	60	30	30
29-Aug-16	5	2	09:40	20	5	15
29-Aug-16	5	2	09:52	825	20	905
29-Aug-16	5	2	10:59	120	30	90
01-Sep-16	5	1	18:54	110	35	75
01-Sep-16	5	1	18:54	35	30	5
01-Sep-16	5	1	19:16	60	0	60
30-Mar-18	5	2	17:57	86	31	50
04-Apr-18	2	1	15:40	86	86	0
05-Apr-18	5	1	14:30	30	30	0
05-Apr-18	5	1	17:52	120	0	121
05-Apr-18	5	1	18:07	47	47	0
10-Apr-18	6	1	17:40	17	17	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
17-May-18	2	1	04:22	78	8	70
17-May-18	2	1	04:37	145	45	100
17-May-18	2	1	04:57	45	45	0
17-May-18	2	1	05:01	4	4	0
17-May-18	2	1	05:16	52	7	45
17-May-18	2	1	05:19	49	49	0
17-May-18	2	2	06:03	46	31	15
17-May-18	2	1	06:12	81	51	30
17-May-18	2	1	06:14	35	35	0
18-May-18	3	1	06:38	145	0	145
15-May-18	6	2	04:23	33	0	33
15-May-18	6	1	04:39	67	0	67
15-May-18	6	1	04:49	10	10	0
15-May-18	6	1	05:00	50	35	15
15-May-18	6	2	06:29	239	15	224
15-May-18	6	1	06:37	74	14	60
15-May-18	6	1	06:55	88	58	30
15-May-18	6	1	08:11	75	0	75
15-May-18	6	2	08:47	40	25	15
15-May-18	6	2	10:18	52	52	0
16-May-18	1	2	05:38	80	50	30
16-May-18	1	1	05:48	24	24	0
16-May-18	1	3	05:56	20	0	20
16-May-18	1	1	08:15	53	53	0
16-May-18	5	1	04:52	105	5	100
16-May-18	5	1	05:52	60	0	60
16-May-18	5	2	08:32	77	0	77
16-May-18	5	1	10:39	48	0	48
17-May-18	4	1	04:36	18	18	0
17-May-18	4	1	04:40	3	3	0
17-May-18	4	1	05:16	140	10	130
17-May-18	4	3	05:43	35	20	15
17-May-18	4	3	06:35	260	115	145
17-May-18	4	1	06:58	51	51	0
17-May-18	4	1	07:08	220	130	90
17-May-18	4	1	07:20	40	40	0
17-May-18	4	2	08:08	51	20	31
17-May-18	4	1	08:32	23	23	0
17-May-18	4	2	10:19	101	6	95
17-May-18	4	2	10:19	45	0	45
07-Jun-18	3	1	14:34	99	60	39

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
07-Jun-18	3	1	15:01	175	15	160
07-Jun-18	1	2	10:19	216	51	165
07-Jun-18	1	3	11:08	99	14	85
07-Jun-18	1	1	11:31	207	90	117
07-Jun-18	1	1	12:09	40	30	10
07-Jun-18	1	2	12:36	148	15	133
07-Jun-18	1	1	13:56	69	0	69
07-Jun-18	1	1	14:33	133	0	133
07-Jun-18	1	1	15:03	149	0	149
08-Jun-18	2	3	11:45	323	233	90
08-Jun-18	2	1	15:03	136	6	130
08-Jun-18	4	5	09:48	5	5	0
08-Jun-18	4	2	10:10	42	0	42
08-Jun-18	4	1	10:13	15	0	15
08-Jun-18	4	2	10:19	183	63	120
08-Jun-18	4	2	11:01	32	32	0
08-Jun-18	4	2	11:10	33	0	33
08-Jun-18	4	1	11:27	19	0	19
08-Jun-18	4	2	11:40	45	0	45
08-Jun-18	4	2	11:59	37	0	37
08-Jun-18	4	2	12:44	115	5	110
08-Jun-18	4	1	12:45	95	95	0
08-Jun-18	4	2	13:16	70	0	75
08-Jun-18	4	2	13:23	40	40	0
08-Jun-18	4	2	14:47	48	18	30
08-Jun-18	4	2	14:53	10	10	0
08-Jun-18	4	2	15:01	40	40	0
08-Jun-18	4	1	15:20	99	0	99
12-Jun-18	6	2	10:40	48	48	0
12-Jun-18	6	1	11:01	30	5	25
12-Jun-18	6	2	11:19	166	0	166
12-Jun-18	6	2	13:52	12	12	0
12-Jun-18	6	1	14:34	45	15	30
12-Jun-18	6	1	15:20	241	25	216
13-Jun-18	5	1	09:06	27	0	27
13-Jun-18	5	1	10:31	140	20	120
13-Jun-18	5	1	10:37	32	2	30
13-Jun-18	5	1	11:00	170	0	170
13-Jun-18	5	2	11:37	10	10	0
13-Jun-18	5	2	12:12	10	10	0
13-Jun-18	5	1	13:01	65	15	50

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
13-Jun-18	5	2	13:39	14	14	0
13-Jun-18	5	1	13:52	20	20	0
13-Jun-18	5	1	14:20	480	50	430
13-Jun-18	5	1	15:04	190	15	175
13-Jun-18	5	1	15:45	120	90	30
05-Jul-18	6	3	19:48	650	0	650
05-Jul-18	6	1	20:21	105	15	90
05-Jul-18	6	1	20:27	33	33	0
05-Jul-18	6	1	20:30	138	30	108
05-Jul-18	6	1	20:38	25	25	0
05-Jul-18	6	1	20:56	124	15	109
05-Jul-18	6	1	21:02	70	70	0
05-Jul-18	6	1	21:11	31	31	0
05-Jul-18	6	1	21:21	21	21	0
05-Jul-18	6	2	21:35	60	30	30
05-Jul-18	6	1	22:00	105	0	105
05-Jul-18	6	1	22:24	45	5	35
05-Jul-18	6	1	16:56	70	30	40
02-Jul-18	5	2	19:56	40	40	0
02-Jul-18	5	1	20:14	37	7	30
02-Jul-18	5	1	20:14	120	70	50
02-Jul-18	5	2	20:37	20	20	0
02-Jul-18	5	1	21:09	105	45	60
02-Jul-18	5	1	21:22	100	10	90
02-Jul-18	5	1	21:35	20	20	0
02-Jul-18	5	2	21:41	90	0	90
02-Jul-18	5	1	16:51	10	0	10
02-Jul-18	5	1	17:51	80	80	0
02-Jul-18	5	1	17:54	105	45	60
02-Jul-18	5	1	18:55	100	15	85
06-Jul-18	4	2	19:47	58	18	40
06-Jul-18	4	1	20:13	20	0	20
06-Jul-18	4	2	20:21	31	0	31
06-Jul-18	4	1	20:40	35	35	0
06-Jul-18	4	1	20:45	16	16	0
06-Jul-18	4	2	20:52	42	12	30
06-Jul-18	4	2	21:17	195	0	195
06-Jul-18	4	1	21:35	15	5	10
06-Jul-18	4	1	21:56	140	20	120
06-Jul-18	4	2	20:18	140	30	110
06-Jul-18	4	1	16:32	50	0	50

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
06-Jul-18	4	1	17:53	10	10	0
06-Jul-18	4	2	18:17	20	20	0
06-Jul-18	4	3	18:21	110	110	0
02-Jul-18	2	2	19:41	293	293	0
02-Jul-18	2	2	19:54	56	56	0
02-Jul-18	2	2	20:07	373	343	30
02-Jul-18	2	2	20:40	137	15	122
02-Jul-18	2	1	21:17	53	53	0
02-Jul-18	2	2	22:06	45	20	0
02-Jul-18	2	1	16:06	54	54	0
02-Jul-18	2	1	17:37	44	30	14
02-Jul-18	2	2	17:46	85	0	85
02-Jul-18	2	2	18:11	16	16	0
06-Jul-18	1	1	19:46	172	45	127
06-Jul-18	1	1	20:31	155	155	0
06-Jul-18	1	1	20:37	20	20	0
06-Jul-18	1	2	21:16	256	106	150
06-Jul-18	1	1	21:18	181	136	45
06-Jul-18	1	1	16:50	16	16	0
06-Jul-18	1	1	16:57	49	19	30
06-Jul-18	1	1	17:06	27	27	0
06-Jul-18	1	1	17:08	78	74	0
06-Jul-18	1	1	17:13	32	32	0
01-Aug-18	4	2	10:11	92	40	52
01-Aug-18	4	2	10:44	120	120	0
01-Aug-18	4	2	11:00	209	30	179
01-Aug-18	4	2	11:29	163	60	103
01-Aug-18	4	1	11:42	14	14	0
01-Aug-18	4	1	12:49	44	44	0
01-Aug-18	4	1	13:25	90	30	60
01-Aug-18	4	1	13:34	127	15	112
01-Aug-18	4	1	14:07	29	9	20
01-Aug-18	4	2	14:52	61	31	30
01-Aug-18	4	1	15:03	79	0	79
01-Aug-18	4	1	16:06	60	0	69
02-Aug-18	2	2	10:14	91	55	36
02-Aug-18	2	2	10:17	132	132	0
02-Aug-18	2	2	10:22	12	12	0
02-Aug-18	2	2	10:37	150	150	0
02-Aug-18	2	1	10:48	20	20	0
02-Aug-18	2	1	11:11	89	89	0

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
02-Aug-18	2	2	11:17	54	0	54
02-Aug-18	2	3	11:23	299	100	199
02-Aug-18	2	1	11:35	144	0	144
02-Aug-18	2	2	12:04	82	82	0
02-Aug-18	2	1	15:01	50	20	30
03-Aug-18	1	2	09:47	78	30	48
03-Aug-18	1	2	10:10	280	105	175
06-Aug-18	5	2	09:50	50	50	0
06-Aug-18	5	2	10:00	110	110	0
06-Aug-18	5	2	11:14	42	0	42
06-Aug-18	5	2	11:17	81	0	81
06-Aug-18	5	1	11:35	19	19	0
06-Aug-18	5	1	12:04	50	20	30
06-Aug-18	5	2	13:26	42	0	42
06-Aug-18	5	1	13:38	61	36	25
06-Aug-18	5	4	15:11	150	50	100
06-Aug-18	5	2	15:14	60	30	30
07-Aug-18	6	2	10:53	47	37	0
07-Aug-18	6	2	11:02	91	91	0
07-Aug-18	6	2	11:55	60	45	15
15-Aug-18	2	2	05:23	95	95	0
15-Aug-18	2	1	06:15	145	30	115
15-Aug-18	2	2	07:10	70	25	45
15-Aug-18	2	2	07:37	18	18	0
15-Aug-18	2	3	08:40	75	40	45
15-Aug-18	2	1	08:48	71	40	31
15-Aug-18	2	2	09:25	44	44	0
15-Aug-18	2	1	09:30	5	5	0
15-Aug-18	2	1	09:56	148	110	38
15-Aug-18	2	1	10:56	20	20	0
15-Aug-18	2	2	10:56	224	214	0
15-Aug-18	2	1	11:27	150	0	150
16-Aug-18	4	1	05:12	80	80	0
16-Aug-18	4	2	05:51	105	105	0
16-Aug-18	4	5	06:01	280	60	220
16-Aug-18	4	2	06:11	135	0	135
16-Aug-18	4	2	06:19	300	40	260
16-Aug-18	4	5	06:22	390	90	300
16-Aug-18	4	1	07:07	180	30	150
16-Aug-18	4	2	07:15	105	0	105
16-Aug-18	4	2	08:44	480	55	425

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
16-Aug-18	4	4	08:59	45	0	45
20-Aug-18	3	2	06:10	82	15	67
20-Aug-18	3	3	07:45	17	17	0
20-Aug-18	3	2	10:45	85	0	85
20-Aug-18	3	2	11:40	60	0	60
21-Aug-18	1	2	05:20	75	0	75
21-Aug-18	1	1	05:27	45	0	45
21-Aug-18	1	2	05:47	300	60	240
21-Aug-18	1	2	06:12	280	280	0
21-Aug-18	1	2	06:22	375	30	345
21-Aug-18	1	2	06:28	155	155	0
21-Aug-18	1	4	06:47	275	275	0
21-Aug-18	1	3	07:10	140	30	110
21-Aug-18	1	2	07:55	435	0	435
21-Aug-18	1	1	09:36	80	45	35
21-Aug-18	1	2	09:40	255	5	250
21-Aug-18	1	2	09:45	190	85	100
21-Aug-18	1	3	09:57	285	0	285
21-Aug-18	1	1	10:18	68	15	53
21-Aug-18	1	2	10:18	255	135	120
23-Aug-18	5	1	05:49	53	0	53
23-Aug-18	5	2	05:55	227	65	162
23-Aug-18	5	1	06:06	68	68	0
23-Aug-18	5	3	06:51	45	5	35
23-Aug-18	5	1	07:05	18	18	0
23-Aug-18	5	1	07:15	60	30	30
23-Aug-18	5	8	07:26	675	0	675
23-Aug-18	5	2	08:11	110	110	0
23-Aug-18	5	1	08:50	20	20	0
23-Aug-18	5	2	08:53	85	35	50
23-Aug-18	5	4	09:02	430	30	400
23-Aug-18	5	1	09:06	84	84	0
23-Aug-18	5	4	09:14	345	0	345
23-Aug-18	5	1	09:22	35	35	0
23-Aug-18	5	1	09:24	255	150	105
23-Aug-18	5	1	09:40	270	90	180
23-Aug-18	5	3	10:20	230	95	135
23-Aug-18	5	1	11:23	6	6	0
23-Aug-18	5	1	11:39	20	20	0
24-Aug-18	6	2	05:34	5	5	0
24-Aug-18	6	1	06:23	5	5	0



Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
24-Aug-18	6	2	07:21	285	195	90
24-Aug-18	6	1	07:58	61	61	0
24-Aug-18	6	2	08:09	65	65	0
24-Aug-18	6	2	08:47	131	131	0
24-Aug-18	6	2	08:54	135	75	60
24-Aug-18	6	2	08:59	34	34	0
24-Aug-18	6	2	10:29	105	105	0
24-Aug-18	6	1	10:36	180	0	180
21-Aug-18	1	2	05:47	300	0	140
21-Aug-18	1	2	06:12	280	0	275
21-Aug-18	1	2	06:22	375	0	40
21-Aug-18	1	2	06:28	155	10	5
21-Aug-18	1	4	06:47	275	90	23
21-Aug-18	1	3	07:10	140	20	60
21-Aug-18	1	2	07:55	435	30	5
21-Aug-18	1	1	09:36	80	15	0
21-Aug-18	1	2	09:40	255	0	120
21-Aug-18	1	2	09:45	190	62	0
21-Aug-18	1	3	09:57	285	45	45
21-Aug-18	1	1	10:18	68	0	60
21-Aug-18	1	2	10:18	255	40	0
23-Aug-18	5	1	05:49	53	70	0
23-Aug-18	5	2	05:55	227	15	0
23-Aug-18	5	1	06:06	68	20	15
23-Aug-18	5	3	06:51	45	0	30
23-Aug-18	5	1	07:05	18	30	0
23-Aug-18	5	1	07:15	60	17	0
23-Aug-18	5	8	07:26	675	15	0
23-Aug-18	5	2	08:11	110	15	40
23-Aug-18	5	1	08:50	20	15	90
23-Aug-18	5	2	08:53	85	0	45
23-Aug-18	5	4	09:02	430	60	10
23-Aug-18	5	1	09:06	84	40	0
23-Aug-18	5	4	09:14	345	35	310
23-Aug-18	5	1	09:22	35	15	135
23-Aug-18	5	1	09:24	255	20	30
23-Aug-18	5	1	09:40	270	50	0
23-Aug-18	5	3	10:20	230	20	220
23-Aug-18	5	1	11:23	6	15	25
23-Aug-18	5	1	11:39	20	40	0
24-Aug-18	6	2	05:34	5	35	15

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
24-Aug-18	6	1	06:23	5	60	120
24-Aug-18	6	2	07:21	285	15	45
24-Aug-18	6	1	07:58	61	0	45
24-Aug-18	6	2	08:09	65	30	150
24-Aug-18	6	2	08:47	131	0	70
24-Aug-18	6	2	08:54	135	45	0
24-Aug-18	6	2	08:59	34	30	304
24-Aug-18	6	2	10:29	105	23	105
24-Aug-18	6	1	10:36	180	195	20

**Table 22 – Ringed Plover Flight Data.**

<b>Date</b>	<b>VP</b>	<b>Count</b>	<b>Time</b>	<b>Total Duration (s)</b>	<b>Duration Below Collision Height (s)</b>	<b>Duration At Collision Height (s)</b>
16-May-18	5	1	08:53	15	15	0

**Table 23 – Ruff Flight Data.**

<b>Date</b>	<b>VP</b>	<b>Count</b>	<b>Time</b>	<b>Total Duration (s)</b>	<b>Duration Below Collision Height (s)</b>	<b>Duration At Collision Height (s)</b>
21-Sep-17	2	12	19:00	27	27	0

**Table 24 – Whimbrel Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
23-May-16	5	1	11:52	60	0	60
19-Jul-16	1	3	15:44	77	32	45
22-Jul-16	3	2	05:39	34	34	0
05-Jul-18	6	1	22:14	12	12	0
01-Aug-18	4	8	15:44	62	0	62
03-Aug-18	1	1	11:59	14	14	0
03-Aug-18	1	21	12:09	221	66	155
03-Aug-18	1	14	12:33	49	49	0
02-Aug-18	1	4	14:17	107	57	50
02-Aug-18	1	4	14:40	113	113	0
02-Aug-18	1	5	15:24	321	45	276
21-Aug-18	1	2	05:27	20	20	0
24-Aug-18	6	3	10:20	32	32	0

**Table 25 – Whooper Swan Flight Data.**

Date	VP	Count	Time	Total Duration (s)	Duration Below Collision Height (s)	Duration At Collision Height (s)
03-Nov-17	5	2	10:25	125	125	0