

Appendix 10.2: Bird survey periods and weather at Gordonbush Extension in 2012/13

1. Spring and summer 2012 and winter 2012/13

The data are: date; vantage point (VP); observer initials; start and end times of the observation session; wind direction; wind force (Beaufort); cloud cover (eighths); cloud base height; visibility; and precipitation.

The codes for cloud height, visibility and precipitation are as follows:

Cloud height	0	<150m	Visibility	0	Poor; <1 km	Precipitation	0	None
	1	150-900m		1	Moderate; 1-2 km		1	Drizzle/mist
	2	>900m		2	Good; >2 km		2	Light showers
							3	Heavy showers
							4	Heavy rain

Vantage point observations; spring and summer 2012

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Height		
16/04/2012	1	DP	1400-1700	SW	2	0	-	>3km	nil
18/04/2012	1	DP	1400-1700	NE	2,4	7	>900m	>3km	nil
11/04/2012	2	DP	1505-1805	N	3	8	>5-900m	>3km	light showers
12/04/2012	2	DP	0550-0850	NW	2	7	0-500	>3km	small amount light snow on ground
13/04/2012	1	DP	0550-0850	N	2,3	8	>5-900m	>3km	scattered snow squalls
17/04/2012	2	DP	0730-1030	E	5	8	0-500m	2km	showers all hours
15/05/2012	1	DP	1145-1445	N	3,4	7	5-900m	>3km	drizzle
17/05/2012	2	DP	1355-1655	NW	2,3	8	5-900m	>3km	nil
21/05/2012	1	DP	0400-0700	-	0	5	5-900m	>3km	nil
22/05/2012	2	DP	1800-2100	SE	1	4	5-900m	1km	nil
15/06/2012	2	DP	1015-1315	E	3	7,8	>500m	>3km	occasional drizzle

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14/06/2012	2	DP	0400-0700	NE	2,3	8	5-900m	>3km	nil
13/06/2012	2	DP	1530-1830	N	2	8	5-900m	>3km	nil
10/06/2012	1	DP	0400-0700	N	1	8	>500m	>2-3km	nil
09/06/2012	1	DP	0900-1200	NE	2	8	300m	1-3km	nil
18/06/2012	1	DL	1850-2150	NE	1	4	>900m	>3km	nil

Appendix 10.2: Continued**Vantage point observations; summer 2012**

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Height		
25/07/2012	1	DP	1850-2150	NW,E	1,2,3	7	>1000m	>3km	nil
26/07/2012	1	DP	0415-0715	E	1	6	>1000m	>3km	nil
26/07/2012	2	DP	1920-2220	N	1,2	6	1000m	>3km	nil
27/07/2012	2	DP	0425-0725	SW	2	3	1000m	>3km	nil
25/08/2012	1	DP	1605-1905	N	3	8	600m	>3km	nil
25/08/2012	2	DP	1250-1550	N	2,3	7,8	500m	1-3,>3km	variable showers
26/08/2012	1	DP	1110-1410	E	2	8	800m	>3km	nil
26/08/2012	2	DP	0755-1055	NE	0,2	8	800m	>3km	light showers

Vantage point observations; winter 2012/13

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Height		
22/09/2012	2	JK	1210-1510	S	1,2,2	4,4,3	150-900m	>3km	nil
23/09/2012	1	JK	0755-1055	S,SE	1,2,3	1,1,2	150-900m	>3km	nil
14/10/2012	2	JK	1030-1330	NE	2	5,4,4	150-900m	1-3->3km	nil
17/10/2012	2	JK	0730-1030	NE	3,4,4	2,5,7	150-900m	>3km-3km	nil
19/10/2012	1	JK	0740-1040	N	1,0,1	3	>900m	>3km	nil
31/10/2012	1	JK	0910-1210	SW,W	2,3,2	7,6,8	150-900m	1-3->3km	drizzle hour 1

Appendix 10.2: Continued**Vantage point observations; winter 2012/13**

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Height		
01/11/2012	2	JK	0905-1205	SW	0,0,1	0	-	>3km	nil
03/11/2012	1	JK	1315-1615	SE	4,3,2	7,5,5	150-900m	>3km	nil
16/11/2012	1	DL	0900-1200	S	0,1	8	>900m	>3km	nil
28/11/2012	2	JK	1000-1300	N	3,4,4	3,3,4	150-900m	1-3km- >3km	light showers last hour
30/11/2012	1	JK	0855-1255	W	0,0,1	3,2,4	>900m	>3km	nil
12/12/2012	1	JK	0905-1105	NW	0,1	5,7	150-900m	>3km	nil
13/12/2012	2	JK	0905-1105	E	3,4	1	>900m	>3km	nil
13/12/2012	2	JK	1315-1515	E	4,3	4,3	>900m	>3km	nil
11/01/2013	2	JK	1055-1255	S	1,2	7,6	150-900m	1-3km	nil
12/01/2013	1	JK	0935-1135	SE	4	4,5	150-900m	>3km	nil
12/01/2013	2	JK	1155-1455	SE	5,5,4	8,7,6	150-900m	>3km	light showers first hour
13/01/2013	1	JK	1225-1525	SE	2,2,1	8	150-900m	>3km	light showers hours 1,3

Appendix 10.2: Continued**Vantage point observations; winter/ spring 2013**

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Height		
20/02/2013	2	JK	1035-1335	SE	5,4,5	1	150-900m	>3km	nil
21/02/2013	1	JK	1150-1450	SE	3,2,2	0	-	>3km	nil
22/02/2013	2	JK	1250-1550	SW	1,0,1	8	>900-900m	1-3km	nil
23/02/2013	1	JK	0820-1120	S,NE	1,0,1	8	150-900m	>3km	nil
11/03/2013	2	JK	1440-1740	NE	2,1,1	5,4,3	>900m	>3km	nil
14/03/2013	1	JK	1515-1815	SE	2,1,2	8	150-900m	1-3->3km	drizzle hr 1, showers hr 3
15/03/2013	2	JK	0955-1255	SE,S	4,3,4	8	150-900m	>3km	light shower hour 3
16/03/2013	1	JK	0635-0935	E,NE	1,0,2	3,3,4	150-900m	>3km	nil

Appendix 10.2: Continued**Breeding bird survey 2012**

Date	Obs	Time	Wind		Cloud		Visibility	Precipitation
			Direction	Force	Cover	Height		
16/04/2012	DP	1710-1830	SW	2	0	-	>2km	nil
18/04/2012	DP	1055-1355	NE	2,4	7	>900m	>2km	nil
03/05/2012	DP	1100-1730	N	2	2,6	>900m	>2km	nil
04/05/2012	DP	0700-1200	N	4	8	<500,5-900	1-2,>2km	nil
15/05/2012	DP	0700-1130	NW	3,4	7	5-900m	>3km	nil
21/05/2012	DP	0900-1700	-	0	5	5-900m	>3km	nil
22/05/2012	DP	0800-1600	SE	1	4	5-900m	>3km	nil
09/06/2012	DP	1300-1830	NE	2	8	300m	>2km	nil
10/06/2012	DP	0930-1730	NE	1	3	500m	>2km	nil
16/06/2012	DP	1000-1600	E	2	5	>900m	>2km	nil

Appendix 10.2: Continued**Breeding raptor survey 2012**

Date	VP	Obs	Time	Wind		Cloud		Visibility	Precipitation
				Direction	Force	Cover	Base		
26/03/2012		DL	1000-1640	E	2	3	>900m	>3km	nil
28/03/2012		DO	0845-1500	E	1,2	3,4	>900m	>3km	nil
28/04/2012		DL	1245-1645	SW-W	2	5,7,8	>900m	>3km	nil
29/04/2012		DL	1350-1800	E	2,3	7	>900m	>3km	nil
30/05/2012		DL	0745-1900	S-NE	2,3	5,6,8	>900m	>3km	showers
02/07/2012		DL	0920-1630	S	2	6,7	>900m	>3km	nil
03/07/2012		DL	1100-1800	SW	3	6	>900m	>3km	nil

Appendix 10.2: Continued

2. Spring and summer 2013

The data are: date; observer initials; start and end times of the survey session; wind direction; wind force (Beaufort); cloud cover (eighths); cloud base height; visibility; and precipitation.

The codes for cloud height, visibility and precipitation are as follows:

Cloud height	0	<150m	Visibility	0	Poor; <1 km	Precipitation	0	None
	1	150-900m		1	Moderate; 1-2 km		1	Drizzle/mist
	2	>900m		2	Good; >2 km		2	Light showers
							3	Heavy showers
							4	Heavy rain

Breeding bird survey 2013

Date	Obs	Time	Wind		Cloud		Visibility	Precipitation
			Direction	Force	Cover	Height		
01/05/2013	LC	1230-1530	W-NW	3	4,5	1	2	0
02/05/2013	LC	0830-1130	SW	2,3	8	1	1	0
03/05/2013	LC	0815-1215	N	2	4,5	1	2	0
06/05/2013	LC, HG	0840-1700	SW	2	8	1	2	0
29/05/2013	DL	0730-1230	SE	2	6,7	2	2	0
31/05/2013	DL	0820-1530	S-SE	2,3	5,7,8	2	2	0
01/06/2013	DL, RM	0900-1700	S	1,2	8	1	1,2	1,2
01/07/2013	DP	1100-1730	SW	3	8	2	2	0
02/07/2013	DP	0900-1815	SE	2	8	2	2	0,1,2
03/07/2013	DP	0900-1815	SW	2,3	6,8	2	2	0

Appendix 10.2: Continued

Breeding raptor survey 2013

Date	Obs	Time	Wind		Cloud		Visibility	Precipitation
			<i>Direction</i>	<i>Force</i>	<i>Cover</i>	<i>Height</i>		
01/04/2013	JK	0935-1540	SE	3,4	0,1	0,2	2	0
03/04/2013	JK	0915-1515	E,SE,NE	1,2	6,7,8	1	2	2
22/04/2013	DL	0830-1445	NW	2,3	6,8	2	2	0
25/04/2013	DL	0900-1600	W	2	4,5	2	2	0
28/05/2013	DL	1200-1820	S-SW	2,3	4,5,	2	2	0
30/05/2013	DL	1215-1900	S	2	5,7	2	2	0
24/06/2013	JK	1500-1745	N-NW	2,3	8	1	2	0
28/06/2013	JK	1720-2000	W-NW	3,4	6,7	1	2	0
30/06/2013	JK	1535-1945	W-SW	3,4	6,7	1	2	1
03/07/2013	JK	0845-1150	NW	3	6,7	1	2	0