

## **APPENDIX 11.16:**

### **BIRD SURVEYS OVERVIEW**

## Breeding and Winter Bird Surveys Overview

### Breeding Bird Surveys (Brown & Shepherd)

#### 2010 Surveys

Date of Survey	Surveyor	Time on Site	Weather Conditions
22/04/2010	DA, EJ, SS	10.15 to 16.00	mild, still clear 10% cloud, wind BS 2/3 Westerly
27/05/2010	SS, TL, KM	10.00 to 16.00	cool, showers, 50-100% cloud, wind BS 4/5, NW

#### 2008 Survey (focusing on Curlew)

Date of Survey	Surveyor	Time on Site	Weather Conditions
23/05/2008	DA, SS	10.00 to 16.00	mild, partly sunny, dry
06/06/2008	EJ, KM	10.00 to 16.00	

#### Winter Bird Surveys (Brown & Shepherd) 2010/11

Date of Survey	Surveyor	Time on Site	Weather Conditions
09/12/2010	DA, SS, KM	9.50 to 15.05	cold 0° ground mostly snow and ice covered. Clear, wind BS 3 N
26/01/2011	DA, HS	9.50 to 15.25	cold 2-3o C, visibility good, cloudy, wind BS 3/4 NE
16/02/2011	DA, KM, HS	10.05 to 15.35	cold 3°, cloudy dry visibility good, wind BS 2/3 SE

#### Explanatory notes

Surveyors as follows:

DA Danny Ardeshir, EJ Emily Jackson, HS Heather Scott, KM Ken Milner, SS Steve Shepherd, TL Tony Lathwood

BS under weather conditions denotes Beaufort Scale

### Vantage Point Surveys Overview

Date	Surveyor	Time	Vantage Point	Weather
04/10/2009	DA	9.45 to 15.45	North	Cloud cover 1/8, Visibility very good, Wind BS 3, SW. Sunny, clear, 13°C, clouds came in at 12, gone by 12.45 and sunny again later
26/11/2009	SC	12.30 to 15.30	South	Cloud cover 7/8, Visibility poor, Wind BS 3-6, SW. Blustery showers (rain and hail)
26/11/2009	SC	08.30 to 11.30	North	Cloud cover 8/8, Visibility poor, Wind BS 2-5, SW. Blustery showers (rain and hail)
27/11/2009	SC	08.00 to 11.00	North	Cloud cover 4-7 of 8, hail & rain showers, wind SW BS 2-4
27/11/2009	SC	12.00 to 15.00	South	Cloud cover 8, rain showers, wind SW BS 3-5
10/12/2009	SS	10.05 - 13.00	North	Cloud cover 4/8, Visibility good, Wind BS 3, SW, Dry
10/12/2009	SS	13.30 to 16.15	South	Cloud cover 4/8, Visibility good, Wind BS 3, SW
17/12/2009	DA	12.30 to 15.30	South	Cloud cover 5/8, Visibility good, Wind BS 4, E. Cold snow Flurries - 2°C
17/12/2009	DA	09.00 to 12.00	North	Cloud cover 4/8, Visibility good, Wind BS 3, E. Very cold approx 0°C, snow flurries
25/01/2010	DA	12.50 to 15.50	South	Cloud cover 8/8, Visibility moderate, Wind BS 2, NE.
25/01/2010	DA	08.55 to 11.55	North	Cloud cover 2/8, Visibility moderate-poor, Wind BS 3-4, NE
29/01/2010	SS	09.00 to 12.00	North	Cloud cover 8/8, Visibility moderate, Wind BS 4, W, Sunny periods with frequent sleet showers 3°C
30/01/2010	SS	09.00 to 12.00	South	Cloud cover 8/8, Visibility moderate, Wind BS 4, W, Showers 6°C
17/02/2010	DA	09.30 to 12.30	South	Cloud cover 8/8, Visibility poor 200-700m, Wind BS 1, W, In clouds visibility improved, but still poor, icy frozen
22/02/2010	SS	13.45 to 16.45	North	Cloud cover 8/8, Visibility good, Wind BS F4, N, 0°C, Dry
22/02/2010	DA	13.35 to 16.35	South	Cloud cover 100%, Visibility good 6 miles, Wind BS 4, NE, 3 inches of snow - 2°C
11/03/2010	DA	09.45 to 12.45	North	Cloud cover 1/8, Visibility good 10km, Wind BS 2, NW, clear, sunny, cool 3°C snow has gone
11/03/2010	DA	13.30 to 16.30	South	Cloud cover 1/8, Visibility very good, Wind BS 3, S. 6°C
15/03/2010	SS	10.00 to 13.00	North	Cloud cover 4/8, Visibility good, Wind BS 3, E, Dry 6°C
13/04/2010	KM	10.05 to 16.25	South	Cloud cover 7/8, Visibility 5km +, Wind BS 3, ESE, 14.30 - wind backing to WNW F5

Date	Surveyor	Time	Vantage Point	Weather
16/04/2010	DA	10.00 to 16.00	North	Cloud cover 1/8, Visibility good 10km, Wind BS 4, NE,
21/04/2010	SS	09.30 to 15.30	North	Cloud cover 8, Visibility good, Wind BS F4, W, Dry. 10% cloud 10°C
23/04/2010	DA	09.55 to 15.55	South	Cloud cover 0/8, Visibility good, Wind BS 3, SW, In clouds visibility improved, but still poor, icy frozen.
26/04/2010	SS	09.00 to 15.00	South	Cloud cover 8/8, Visibility moderate-poor, Wind BS 3, W. Dry warm
04/05/2010	TL	09.00 to 15.15	North	Cloud cover 2, Visibility very good, Wind BS 4, N to NE. Dry, sunny, cool. Wind increased as day progressed. Cloud cover increased to 8 during afternoon
18/05/2010	TL	08.30 to 15.10	North	Cloud cover 1 x, Visibility very good, Wind BS 2, SW. Sunny warm day. Increased during day to 7, wind also increased to 3-4
25/05/2010	TL	08.45 to 14.45	North	Cloud cover 9/9, Visibility poor at start, Wind BS 5, NE. On arrival tops in mist, cleared to leave poor visibility, couldn't see S part of site, by 10.15am visibility improved significantly to Good/ V Good
30/05/2010	KM	09.25 to 15.25	South	Cloud cover 8/8, Visibility moderate-poor, Wind BS 2, SW. NB No wind generated up draughts or thermals to induce soaring raptors
03/06/2010	KM	08.40 to 14.40	South	Cloud cover 3/8, Visibility very good, Wind BS 3, SSE
05/07/2010	DA	09.45 to 15.45	North	Cloud cover 4/8, Visibility good, Wind BS 3-4, SW. 14-18°C
16/07/2010	SS	09.00 to 15.00	South	Cloud cover 100%, Visibility moderate, Wind BS F3-4, S. Cool, heavy rain pm
26/07/2010	SS	10.00 to 16.00	North	Cloud cover 100%, Visibility good, Wind BS F1, W. 100% cloud, warm, dry
27/07/2010	SS	10.00 to 16.00	South	Cloud cover 100%, Visibility good, Wind BS F3, W. Warm, drizzle in the afternoon, dry am
13/08/2010	EJ	09.30 to 15.30	South	Cloud cover 5/8, Visibility good, Wind BS 6, NW. Sunny, 7°C at bottom of hill, raining occ, sunny
13/08/2010	HS	09.30 to 15.30	North	Cloud cover 60-100%, Visibility very good, Wind BS 3-4, NW. Dry and sunny spells at first, showers occasionally developing from late morning, cool.
22/09/2010	SS	09.30 to 15.30	South	Cloud cover 70%, Visibility good, Wind BS F2, W. Dry, warm (rain pm) 100% cloud.
27/09/2010	DA	09.45 to 15.45	North	Cloud cover 100%, Visibility poor-moderate, Wind BS 1/2. Low cloud, Light drizzle - different VP site chosen as cloud low.
28/09/2010	SS	10.00 to 16.00	South	Cloud cover 70%-100%, Visibility good, Wind BS F3, W

Date	Surveyor	Time	Vantage Point	Weather
13/10/2010	DA	10.00 to 16.00	South	Cloud cover 8/8 to 0/8, Visibility poor to good, Wind BS 1/2, E. Thick cloud mist initially gradually clearing to sun and good visibility by 13.00pm, cold all day.
28/10/2010	KM	10.00 to 16.00	South	Cloud cover 8/8, Visibility moderate, Wind BS 2 bec 4 SW. Overcast, intermittent light showers, occ, V, weak sun, wind speed increasing.
28/10/2010	SS	10.00 to 16.00	North	Cloud cover 100%, Visibility good, Wind BS F6, W. Cool, frequent showers
29/10/2010	SS	10.00to 1600	North	Cloud cover 100%, visibility Good, Wind BS F5. W. Cool wind, occasional heavy showers.
10/11/2010	DA	10.05 to 16.05	North	Cloud cover 7/8 Visibility Very good, Wind BS1 NW. Cold start, ice on puddles, still, by 11.30am sunny and warming up to 5°C. By 2.00pm cloudy and freezing.
10/11/2010	SS	10.30 to 16.30	South	Cold start, ice on puddles, still, by 11.30 sunny and warming up to 5°C by 2pm cloudy and freezing.
19/11/2010	SS	10.30to16.30	North	Cloud cover 10% Visibility excellent. Wind BS F2 W. Dry, cold

### Explanatory notes

Surveyors as follows:

DA - Danny Ardeshir, EJ - Emily Jackson, HS - Heather Scott, KM - Ken Milner, SC - Simon Cope, SS - Steve Shepherd, TL - Tony Lathwood

BS under weather conditions denotes Beaufort Scale