

Meenbog Windfarm EIAR Co. Donegal

Birds Technical Appendix 7.2



Planning & Environmental Consultants

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Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/04/2015	Breeding	Vantage Point Survey	1	06:00 starting at 07:45	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
15/05/2015	Breeding	Vantage Point Survey	1	06:00 starting at 08:30	Wind Speed and Direction:Light Breeze, SE; Visibility: No Visibility; Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
04/06/2015	Breeding	Vantage Point Survey	1	03:00 starting at 09:30	Wind Speed and Direction:Light Air, E; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
04/06/2015	Breeding	Vantage Point Survey	1	03:00 starting at 16:00	Wind Speed and Direction:Light Breeze, E; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/07/2015	Breeding	Vantage Point Survey	1	06:00 starting at 08:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	1	02:00 starting at 17:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
18/08/2015	Breeding	Vantage Point Survey	1	04:00 starting at 09:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
16/09/2015	Breeding	Vantage Point Survey	1	06:00 starting at 11:00	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:15	Wind Speed and Direction:Calm, ; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:00	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 13:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	
17/11/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 14:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 15:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 13:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
17/12/2015	Non-Breeding	Vantage Point Survey	1	01:00 starting at 14:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
03/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 13:00	Wind Speed and Direction:Fresh Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 14:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
03/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 15:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
25/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 45 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
25/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
25/01/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 55 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
17/02/2016	Non-Breeding	Vantage Point Survey	1	04:00 starting at 08:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	FEBRUARY SURVEY
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:30	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:30	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:30	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
20/03/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 15:27	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None	1 shower
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 16:27	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None	
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 17:27	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: Light Showers; Frost: None ; Snow: None	
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 18:57	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: Light Showers; Frost: None ; Snow: None	1 shower
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 19:57	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: Light Showers; Frost: None ; Snow: None	
27/04/2016	Breeding	Vantage Point Survey	1	01:00 starting at 20:57	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 04:03	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 05:03	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 06:03	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 07:03	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 08:33	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: Light Showers; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 09:33	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: Light Showers; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	1	01:00 starting at 10:33	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: Light Showers; Frost: None ; Snow: None	
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 13:23	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 14:23	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 15:23	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 16:53	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Showers in latter half of VP
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 17:53	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
18/06/2016	Breeding	Vantage Point Survey	1	01:00 starting at 18:53	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 11:53	Wind Speed and Direction:Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 95 Rain: None; Frost: None ; Snow: None	Drizzle for first hour then dry
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 12:53	Wind Speed and Direction:Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 95 Rain: None; Frost: None ; Snow: None	
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 13:53	Wind Speed and Direction:Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 95 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 15:23	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 16:23	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
20/07/2016	Breeding	Vantage Point Survey	1	01:00 starting at 17:23	Wind Speed and Direction: Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 10:27	Wind Speed and Direction: Moderate Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 11:27	Wind Speed and Direction: Moderate Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 12:27	Wind Speed and Direction: Moderate Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 13:57	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 14:57	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
08/08/2016	Breeding	Vantage Point Survey	1	01:00 starting at 15:57	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 06:13	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:13	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:13	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:43	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:43	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/09/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:43	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
14/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:50	Wind Speed and Direction: Light Breeze, SE; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Double Count

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
14/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:50	Wind Speed and Direction:Light Breeze, SE; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Double Count
14/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:50	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Double Count
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:15	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:15	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:15	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 10:45	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:45	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
21/10/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:45	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
14/11/2016	Non-Breeding	Vantage Point Survey	1	03:00 starting at 14:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Light Showers; Frost: None ; Snow: None	No birds - poor weather conditions
15/11/2016	Non-Breeding	Vantage Point Survey	1	03:00 starting at 14:30	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: Drizzle Mist; Frost: None ; Snow: None	3 SNIPE ON APPROACH TO VP , No BIRDS THEREAFTER
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 07:50	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 08:50	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 09:50	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 11:20	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 12:20	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel
16/12/2016	Non-Breeding	Vantage Point Survey	1	01:00 starting at 13:20	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	Kestrel

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/01/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 14:40	Wind Speed and Direction:Gentle Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
16/01/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 15:40	Wind Speed and Direction:Gentle Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
16/01/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 16:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
26/01/2017	Non-Breeding	Vantage Point Survey	1	03:00 starting at 14:25	Wind Speed and Direction:Strong Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	Grey Heron
18/02/2017	Non-Breeding	Vantage Point Survey	1	03:00 starting at 06:45	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Heavy Showers; Frost: None ; Snow: None	Red Grouse heard calling behind vp, off site
18/02/2017	Non-Breeding	Vantage Point Survey	1	03:00 starting at 10:15	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	Snipe
21/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 14:20	Wind Speed and Direction:Light Breeze, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: All Day	
21/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 15:20	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: All Day	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 16:20	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: Ground	
21/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 17:50	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: Ground	
21/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 18:50	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: Ground	
22/03/2017	Non-Breeding	Vantage Point Survey	1	01:00 starting at 18:10	Wind Speed and Direction:Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: Ground	Red grouse droppings observed on approach to VP
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 05:35	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 06:35	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 07:35	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 09:05	Wind Speed and Direction:Light Air, N; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 10:05	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	1	01:00 starting at 11:05	Wind Speed and Direction:Calm, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 15:50	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	RG call at 20:30 left of VP1
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 16:50	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 17:50	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 19:20	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 20:20	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	1	01:00 starting at 21:20	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 09:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 10:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 12:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 13:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
30/06/2017	Breeding	Vantage Point Survey	1	01:00 starting at 14:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 11:10	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 12:10	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
					Rain: Drizzle Mist; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 13:10	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 14:40	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 15:40	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
26/07/2017	Breeding	Vantage Point Survey	1	01:00 starting at 16:40	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
12/08/2017	Breeding	Vantage Point Survey	1	03:00 starting at 04:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
12/08/2017	Breeding	Vantage Point Survey	1	03:00 starting at 08:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 14:10	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 15:10	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 16:10	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	Kestrel female hunting
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 17:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 18:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
20/09/2017	Both Overlap	Vantage Point Survey	1	01:00 starting at 19:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
17/04/2015	Breeding	Vantage Point Survey	2	06:00 starting at 14:00	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/04/2015	Breeding	Vantage Point Survey	2	03:00 starting at 14:00	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	MAY SURVEY
13/05/2015	Breeding	Vantage Point Survey	2	03:00 starting at 08:00	Wind Speed and Direction:Light Breeze, N; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	MAY SURVEY
27/05/2015	Breeding	Vantage Point Survey	2	03:00 starting at 17:00	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	JUNE SURVEY
04/06/2015	Breeding	Vantage Point Survey	2	03:00 starting at 12:04	Wind Speed and Direction:Calm, ; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	JUNE SURVEY
19/07/2015	Breeding	Vantage Point Survey	2	06:00 starting at 15:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 09:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 10:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 11:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 13:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/08/2015	Breeding	Vantage Point Survey	2	01:00 starting at 14:00	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/09/2015	Breeding	Vantage Point Survey	2	06:00 starting at 11:00	Wind Speed and Direction:Moderate Breeze, N; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:30	Wind Speed and Direction:Calm, ; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:30	Wind Speed and Direction:Calm, ; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/10/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:30	Wind Speed and Direction:Calm, ; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:45	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 09:45	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 10:45	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 11:45	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:45	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/11/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:45	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 07:45	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:45	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 09:45	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:45	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:45	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:45	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Rain; Frost: None ; Snow: None	
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 10:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	TWO EXTRA HOURS TO HELP COVER 3 MISSED HOURS IN OCTOBER
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 11:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	TWO EXTRA HOURS TO HELP COVER 3 MISSED HOURS IN OCTOBER
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/12/2015	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:00	Wind Speed and Direction:Strong Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
20/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 07:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
20/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
25/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 55 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
25/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:30	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
25/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:30	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
25/01/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:30	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	FEBRUARY SURVEY
17/02/2016	Non-Breeding	Vantage Point Survey	2	02:00 starting at 13:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	FEBRUARY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 09:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 10:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 11:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
07/03/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 15:21	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	1 shower

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 16:21	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 17:21	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 18:51	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	3 showers
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 19:51	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
24/04/2016	Breeding	Vantage Point Survey	2	01:00 starting at 20:51	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 04:06	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 05:06	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 06:06	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 08:36	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 09:36	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
28/05/2016	Breeding	Vantage Point Survey	2	01:00 starting at 10:36	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 11:58	Wind Speed and Direction:Light Air, NE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Drizzle for first hour then dry
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 12:58	Wind Speed and Direction:Light Air, NE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 13:58	Wind Speed and Direction:Light Air, NE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 15:28	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 16:28	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
14/06/2016	Breeding	Vantage Point Survey	2	01:00 starting at 17:28	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 10:11	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	3 Showers
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 11:11	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 12:11	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 13:41	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Occ drizzly showers
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 14:41	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
03/07/2016	Breeding	Vantage Point Survey	2	01:00 starting at 15:41	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 09:44	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 10:44	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 11:44	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 13:14	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 14:14	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
01/08/2016	Breeding	Vantage Point Survey	2	01:00 starting at 15:14	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Light Showers; Frost: None ; Snow: None	
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:14	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:14	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 16:14	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 17:44	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 18:44	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
17/09/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 19:44	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:00	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:00	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:00	Wind Speed and Direction:Moderate Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 16:30	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 17:30	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
13/10/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 18:30	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 07:00	Wind Speed and Direction:Calm, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:00	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 09:00	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 10:30	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 11:30	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:30	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 10:35	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 11:35	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 12:35	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:05	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:05	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Vantage Point Survey	2	01:00 starting at 16:05	Wind Speed and Direction:Light Air, SW; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
18/01/2017	Non-Breeding	Vantage Point Survey	2	03:00 starting at 07:40	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	Woodcock observed on dawn return flight
18/01/2017	Non-Breeding	Vantage Point Survey	2	03:00 starting at 11:10	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No target species observed

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 06:45	Wind Speed and Direction: Moderate Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 07:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	
21/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 08:45	Wind Speed and Direction: Gentle Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	
23/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 13:05	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
23/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 14:05	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
23/02/2017	Non-Breeding	Vantage Point Survey	2	01:00 starting at 15:05	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
20/03/2017	Non-Breeding	Vantage Point Survey	2	03:00 starting at 13:15	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/03/2017	Non-Breeding	Vantage Point Survey	2	03:00 starting at 16:45	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 05:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 06:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 07:00	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 08:30	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 09:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Vantage Point Survey	2	01:00 starting at 10:30	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
29/05/2017	Breeding	Vantage Point Survey	2	05:45 starting at 17:45	Wind Speed and Direction: Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	SH observed close to site entrance during vp.

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 14:20	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Buzzard eating frog hunting
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 15:20	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 16:20	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 17:50	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 18:50	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 19:50	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 13:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 14:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 15:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 16:30	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
16/06/2017	Breeding	Vantage Point Survey	2	01:00 starting at 17:30	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
19/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 09:40	Wind Speed and Direction:Calm, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
19/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 10:40	Wind Speed and Direction:Calm, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
19/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 11:40	Wind Speed and Direction:Light Air, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 09:00	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 10:00	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/07/2017	Breeding	Vantage Point Survey	2	01:00 starting at 11:00	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
12/08/2017	Breeding	Vantage Point Survey	2	03:00 starting at 15:36	Wind Speed and Direction:Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No flight lines
12/08/2017	Breeding	Vantage Point Survey	2	03:00 starting at 19:06	Wind Speed and Direction:Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No flight lines
19/04/2015	Breeding	Vantage Point Survey	3	06:00 starting at 10:30	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
13/05/2015	Breeding	Vantage Point Survey	3	03:00 starting at 09:00	Wind Speed and Direction:Light Air, N; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
17/05/2015	Breeding	Vantage Point Survey	3	03:00 starting at 11:00	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
07/06/2015	Breeding	Vantage Point Survey	3	03:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, ; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
07/06/2015	Breeding	Vantage Point Survey	3	03:00 starting at 18:00	Wind Speed and Direction:Gentle Breeze, ; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
26/07/2015	Breeding	Vantage Point Survey	3	06:00 starting at 06:00	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/08/2015	Breeding	Vantage Point Survey	3	06:00 starting at 09:00	Wind Speed and Direction:Light Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/09/2015	Breeding	Vantage Point Survey	3	06:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, N; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 13:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
09/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:30	Wind Speed and Direction:Moderate Gale, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:30	Wind Speed and Direction:Moderate Gale, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:30	Wind Speed and Direction:Fresh Gale, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
24/11/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 13:30	Wind Speed and Direction: Moderate Gale, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:30	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
08/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 13:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
19/12/2015	Non-Breeding	Vantage Point Survey	3	01:00 starting at 15:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
18/02/2016	Non-Breeding	Vantage Point Survey	3	06:00 starting at 08:00	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 07:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 08:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 09:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 10:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 12:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: Drizzle Mist; Frost: None ; Snow: None	
11/04/2016	Breeding	Vantage Point Survey	3	01:00 starting at 13:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 30 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 04:08	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	Regular light showers
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 05:08	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 06:08	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 07:08	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 08:38	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Occ drizzly showers
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 09:38	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/05/2016	Breeding	Vantage Point Survey	3	01:00 starting at 10:38	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 11:00	Wind Speed and Direction:Light Breeze, WSW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	Some hill fog and occ drizzly showers
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 12:00	Wind Speed and Direction:Light Breeze, WSW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 13:00	Wind Speed and Direction:Light Breeze, WSW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 14:30	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	Occ drizzly showers
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 15:30	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/06/2016	Breeding	Vantage Point Survey	3	01:00 starting at 16:30	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 11:38	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 12:38	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 13:38	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 15:08	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: Drizzle Mist; Frost: None ; Snow: None	
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 16:08	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: Drizzle Mist; Frost: None ; Snow: None	
17/07/2016	Breeding	Vantage Point Survey	3	01:00 starting at 17:08	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: Drizzle Mist; Frost: None ; Snow: None	
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 09:14	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Heavy Showers; Frost: None ; Snow: None	Showers during third hour
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 10:14	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Heavy Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 11:14	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: Heavy Showers; Frost: None ; Snow: None	
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 12:44	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Prolonged showers, heavy in last 30 mins
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 13:44	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
07/08/2016	Breeding	Vantage Point Survey	3	01:00 starting at 14:44	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 06:17	Wind Speed and Direction: Light Air, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 07:17	Wind Speed and Direction: Light Air, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:17	Wind Speed and Direction: Light Air, SSW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:47	Wind Speed and Direction: Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 10:47	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
22/09/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:47	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
14/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 07:30	Wind Speed and Direction:Light Breeze, E; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	Hour 1 & 2 very foggy, hour 3 clear
14/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:30	Wind Speed and Direction:Light Breeze, E; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	Hour 1 & 2 very foggy, hour 3 clear
14/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:30	Wind Speed and Direction:Light Breeze, E; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	Hour 1 & 2 very foggy, hour 3 clear
26/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 07:30	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	No birds - poor weather conditions
26/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:30	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	No birds - poor weather conditions
26/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:30	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	No birds - poor weather conditions

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	Two hours completed to make up for foggy condition on the first attempted vp watch earlier in the month.
26/10/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:00	Wind Speed and Direction: Moderate Breeze, NE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	Two hours completed to make up for foggy condition on the first attempted vp watch earlier in the month.
14/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:40	Wind Speed and Direction: Light Breeze, S ; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
14/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 15:40	Wind Speed and Direction: Light Breeze, S; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
14/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 16:40	Wind Speed and Direction: Gentle Breeze, S; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:30	Wind Speed and Direction: Light Air, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 15:30	Wind Speed and Direction: Light Air, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 16:30	Wind Speed and Direction: Light Air, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 07:50	Wind Speed and Direction:Calm, SW; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 08:50	Wind Speed and Direction:Calm, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 09:50	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 11:20	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 12:20	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
16/12/2016	Non-Breeding	Vantage Point Survey	3	01:00 starting at 13:20	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/01/2017	Non-Breeding	Vantage Point Survey	3	03:00 starting at 14:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species observed
26/01/2017	Non-Breeding	Vantage Point Survey	3	01:00 starting at 14:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/01/2017	Non-Breeding	Vantage Point Survey	3	01:00 starting at 15:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
26/01/2017	Non-Breeding	Vantage Point Survey	3	01:00 starting at 16:00	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
17/02/2017	Non-Breeding	Vantage Point Survey	3	03:00 starting at 06:50	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	no target species
17/02/2017	Non-Breeding	Vantage Point Survey	3	03:00 starting at 10:20	Wind Speed and Direction:Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	no target species
21/03/2017	Non-Breeding	Vantage Point Survey	3	01:00 starting at 18:45	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None	
21/03/2017	Non-Breeding	Vantage Point Survey	3	03:00 starting at 15:15	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: Ground	Male Goshawk observed in flight
22/03/2017	Non-Breeding	Vantage Point Survey	3	01:00 starting at 16:45	Wind Speed and Direction:Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: Ground	Grey Heron in flight
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 05:35	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 06:35	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 07:35	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 08:35	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 09:35	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
13/04/2017	Breeding	Vantage Point Survey	3	01:00 starting at 10:35	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 08:20	Wind Speed and Direction:Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 09:20	Wind Speed and Direction:Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 15:50	Wind Speed and Direction:Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 16:50	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 17:50	Wind Speed and Direction:Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
08/05/2017	Breeding	Vantage Point Survey	3	01:00 starting at 19:20	Wind Speed and Direction:Calm, E; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 12:40	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 13:40	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 14:40	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 16:10	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Heavy Showers; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 17:10	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
					100 Rain: Heavy Showers; Frost: None ; Snow: None	
06/06/2017	Breeding	Vantage Point Survey	3	01:00 starting at 18:10	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Heavy Showers; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 09:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 10:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 11:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 13:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 14:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2017	Breeding	Vantage Point Survey	3	01:00 starting at 15:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/08/2017	Breeding	Vantage Point Survey	3	03:00 starting at 05:23	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	3	03:00 starting at 08:53	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target Spp.
12/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 14:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 15:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
15/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 16:30	Wind Speed and Direction:Light Breeze, S ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Sparrowhawk Female Hunting
15/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 17:30	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 18:30	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	sparrowhawk male Hunting
15/09/2017	Both Overlap	Vantage Point Survey	3	01:00 starting at 19:30	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/04/2015	Breeding	Vantage Point Survey	4	06:00 starting at 13:00	Wind Speed and Direction:Light Breeze, NE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
14/05/2015	Breeding	Vantage Point Survey	4	06:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
17/05/2015	Breeding	Vantage Point Survey	4	03:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Double Count
07/06/2015	Breeding	Vantage Point Survey	4	06:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, ; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
03/07/2015	Breeding	Vantage Point Survey	4	06:00 starting at 15:30	Wind Speed and Direction:Moderate Gale, S; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
16/08/2015	Breeding	Vantage Point Survey	4	03:00 starting at 13:15	Wind Speed and Direction:Light Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
18/08/2015	Breeding	Vantage Point Survey	4	03:00 starting at 15:10	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
19/09/2015	Breeding	Vantage Point Survey	4	04:00 starting at 08:00	Wind Speed and Direction:Light Breeze, NE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/09/2015	Breeding	Vantage Point Survey	4	02:00 starting at 13:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	OCTOBER SURVEY
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:00	Wind Speed and Direction: Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	OCTOBER SURVEY
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 14:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY
10/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 15:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	OCTOBER SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
21/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 13:30	Wind Speed and Direction:Strong Breeze, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 14:40	Wind Speed and Direction:Fresh Gale, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
24/11/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 15:40	Wind Speed and Direction:Fresh Gale, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:45	Wind Speed and Direction:Fresh Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
09/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:45	Wind Speed and Direction:Fresh Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:45	Wind Speed and Direction:Fresh Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 09:00	Wind Speed and Direction:Fresh Gale, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:00	Wind Speed and Direction:Fresh Gale, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction:Moderate Gale, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:00	Wind Speed and Direction:Moderate Gale, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction:Moderate Gale, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY
21/12/2015	Non-Breeding	Vantage Point Survey	4	01:00 starting at 14:00	Wind Speed and Direction:Fresh Gale, W; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	JANUARY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 07:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 08:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 09:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	FEBRUARY SURVEY
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	FEBRUARY SURVEY
26/01/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	FEBRUARY SURVEY
18/02/2016	Non-Breeding	Vantage Point Survey	4	03:00 starting at 14:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	FEBRUARY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 07:25	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 08:25	Wind Speed and Direction:Moderate Gale, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 09:25	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:25	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:25	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/03/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:25	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 04:05	Wind Speed and Direction:Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	Early morning fog clearing by 05:15

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 05:05	Wind Speed and Direction:Light Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 06:05	Wind Speed and Direction:Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 07:35	Wind Speed and Direction:Light Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 08:35	Wind Speed and Direction:Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 09:35	Wind Speed and Direction:Light Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY
30/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 10:35	Wind Speed and Direction:Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	APRIL SURVEY. WITH ONE EXTRA HOUR
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 15:25	Wind Speed and Direction:Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	Temp. 12-16°
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 16:25	Wind Speed and Direction:Gentle Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 17:25	Wind Speed and Direction:Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 18:25	Wind Speed and Direction:Gentle Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 19:25	Wind Speed and Direction:Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 19:55	Wind Speed and Direction:Gentle Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 20:55	Wind Speed and Direction:Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	2 EXTRA HOURS
31/05/2016	Breeding	Vantage Point Survey	4	01:00 starting at 21:55	Wind Speed and Direction:Gentle Breeze, Y; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	2 EXTRA HOURS
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 08:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 09:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-101 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 10:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-102 Rain: Light Showers; Frost: None ; Snow: None	
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 11:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-103 Rain: Light Showers; Frost: None ; Snow: None	
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 12:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-104 Rain: Light Showers; Frost: None ; Snow: None	
20/06/2016	Breeding	Vantage Point Survey	4	01:00 starting at 13:30	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-105 Rain: Light Showers; Frost: None ; Snow: None	
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 15:45	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Rain clearing at 1630. 13 degrees
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 16:45	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-101 Rain: Light Showers; Frost: None ; Snow: None	
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 17:45	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-102 Rain: Light Showers; Frost: None ; Snow: None	
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 19:15	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-103 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 20:15	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-104 Rain: Light Showers; Frost: None ; Snow: None	
04/07/2016	Breeding	Vantage Point Survey	4	01:00 starting at 21:15	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-105 Rain: Light Showers; Frost: None ; Snow: None	
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 10:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 12:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 13:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
11/08/2016	Breeding	Vantage Point Survey	4	01:00 starting at 14:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
28/09/2016	Non-Breeding	Vantage Point Survey	4	03:00 starting at 06:55	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	
28/09/2016	Non-Breeding	Vantage Point Survey	4	03:00 starting at 10:20	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 14:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 15:00	Wind Speed and Direction:Fresh Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 16:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Moderate (1- 2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 17:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Moderate (1- 2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/10/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 18:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Heavy Showers; Frost: None ; Snow: None	
23/11/2016	Non-Breeding	Vantage Point Survey	4	03:00 starting at 07:20	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: Heavy; Snow: Ground	
23/11/2016	Non-Breeding	Vantage Point Survey	4	03:00 starting at 10:50	Wind Speed and Direction: Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: On site; Snow: Ground	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:35	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:35	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:35	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 14:05	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 15:05	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
					Rain: Light Showers; Frost: None ; Snow: None	
14/12/2016	Non-Breeding	Vantage Point Survey	4	01:00 starting at 16:05	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 07:40	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 08:40	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 09:40	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:10	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:10	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
19/01/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 13:10	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 15:45	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
20/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 16:45	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
20/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 17:45	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
24/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	
24/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Rain; Frost: None ; Snow: None	
24/02/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 12:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Heavy Rain; Frost: None ; Snow: None	
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 05:30	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 06:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 07:30	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 09:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 10:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
23/03/2017	Non-Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction: Fresh Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 05:20	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 06:20	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 07:20	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 08:40	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 09:40	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Vantage Point Survey	4	01:00 starting at 10:40	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 17:50	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
09/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 18:50	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
09/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 19:50	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
09/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 21:20	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	SN Drumming at 22:00 beinD VP4
31/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
31/05/2017	Breeding	Vantage Point Survey	4	01:00 starting at 14:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 14:00	Wind Speed and Direction:Calm, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 15:30	Wind Speed and Direction:Light Air, S ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 16:30	Wind Speed and Direction:Calm, S ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
27/06/2017	Breeding	Vantage Point Survey	4	01:00 starting at 17:30	Wind Speed and Direction:Calm, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-100 Rain: None; Frost: None ; Snow: None	
09/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 14:30	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 15:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
09/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 16:30	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
09/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 18:00	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
25/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 13:45	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
25/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 14:45	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
25/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 15:45	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	SEPTEMBER SURVEY
27/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 11:00	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	SEPTEMBER SURVEY
27/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 12:00	Wind Speed and Direction: Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	SEPTEMBER SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/07/2017	Breeding	Vantage Point Survey	4	01:00 starting at 13:00	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	SEPTEMBER SURVEY
10/08/2017	Breeding	Vantage Point Survey	4	03:00 starting at 04:45	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
10/08/2017	Breeding	Vantage Point Survey	4	03:00 starting at 08:15	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
26/09/2017	Both Overlap	Vantage Point Survey	4	01:00 starting at 18:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
26/09/2017	Both Overlap	Vantage Point Survey	4	01:00 starting at 19:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
10/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 19:20	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	PASSERINE LIST R, WW, CR, SK, CH, WR, BC, CT, GC. APRIL SURVEY
10/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 20:20	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	APRIL SURVEY
10/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 21:20	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	APRIL SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 12:30	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	Temp. 12°, Forestry Operation 3km away. APRIL SURVEY
23/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 13:30	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	APRIL SURVEY
23/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 14:30	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	APRIL SURVEY
23/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 15:30	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: Drizzle Mist; Frost: None ; Snow: None	APRIL SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 04:16	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	Temp. 6-12°, Fog dense at start of survey. MAY SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 05:16	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 06:16	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 07:46	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 08:46	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 09:46	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY
24/05/2016	Breeding	Vantage Point Survey	18	01:00 starting at 10:46	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	MAY SURVEY
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 08:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Temp. 16 degrees, Helicopter circling close to the site for approx 4 minutes.
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 09:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-101 Rain: None; Frost: None ; Snow: None	
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 10:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-102 Rain: None; Frost: None ; Snow: None	
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 11:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-103 Rain: None; Frost: None ; Snow: None	
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 12:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-104 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/06/2016	Breeding	Vantage Point Survey	18	01:00 starting at 13:45	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-105 Rain: None; Frost: None ; Snow: None	
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 15:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Temp 14- 16 degrees.
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 16:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-101 Rain: Drizzle Mist; Frost: None ; Snow: None	
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 17:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-102 Rain: Drizzle Mist; Frost: None ; Snow: None	
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 18:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-103 Rain: Drizzle Mist; Frost: None ; Snow: None	
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 19:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-104 Rain: Drizzle Mist; Frost: None ; Snow: None	
25/07/2016	Breeding	Vantage Point Survey	18	01:00 starting at 20:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-105 Rain: Drizzle Mist; Frost: None ; Snow: None	
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 09:00	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 10:00	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 11:00	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 12:45	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 13:45	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/08/2016	Breeding	Vantage Point Survey	18	01:00 starting at 14:45	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 13:20	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 14:20	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 15:20	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 16:50	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 17:50	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 18:50	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: None; Frost: None ; Snow: None	
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 07:20	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 08:20	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 09:20	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 10:50	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 11:50	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
28/10/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 12:50	Wind Speed and Direction:Calm, ; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 11:30	Wind Speed and Direction:Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: On site; Snow: Ground	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 12:30	Wind Speed and Direction:Gentle Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 0-33 Rain: Light Showers; Frost: On site; Snow: Ground	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 13:30	Wind Speed and Direction:Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: On site; Snow: Ground	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 14:30	Wind Speed and Direction:Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: On site; Snow: Ground	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 15:30	Wind Speed and Direction:Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: On site; Snow: Ground	
22/11/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 16:30	Wind Speed and Direction:Gentle Breeze, N; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: On site; Snow: Ground	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 07:50	Wind Speed and Direction:Light Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 08:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: Ground	
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 09:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: Ground	
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 11:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 12:20	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
21/12/2016	Non-Breeding	Vantage Point Survey	18	01:00 starting at 13:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: Ground	
17/01/2017	Non-Breeding	Vantage Point Survey	18	03:00 starting at 07:40	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
17/01/2017	Non-Breeding	Vantage Point Survey	18	03:00 starting at 11:10	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Male Sparrowhawk observed

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
01/02/2017	Non-Breeding	Vantage Point Survey	18	02:00 starting at 15:10	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	No target species observed
01/02/2017	Non-Breeding	Vantage Point Survey	18	03:00 starting at 11:40	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species observed
09/02/2017	Non-Breeding	Vantage Point Survey	18	01:00 starting at 17:20	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
22/03/2017	Non-Breeding	Vantage Point Survey	18	01:00 starting at 15:30	Wind Speed and Direction:Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
22/03/2017	Non-Breeding	Vantage Point Survey	18	03:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
29/03/2017	Non-Breeding	Vantage Point Survey	18	01:00 starting at 07:10	Wind Speed and Direction:Light Air, SE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	No target species observed
30/03/2017	Non-Breeding	Vantage Point Survey	18	01:00 starting at 10:20	Wind Speed and Direction:Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No target species observed
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 15:05	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 16:05	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 17:05	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 18:35	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 19:35	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/04/2017	Breeding	Vantage Point Survey	18	01:00 starting at 20:35	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
30/05/2017	Breeding	Vantage Point Survey	18	06:30 starting at 04:30	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	1 BZ recorded when leaving site.
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 13:00	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 14:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 15:30	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 16:30	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
15/06/2017	Breeding	Vantage Point Survey	18	01:00 starting at 17:30	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
20/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 12:10	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 13:10	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 14:10	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
24/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 12:00	Wind Speed and Direction: Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
24/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 13:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
24/07/2017	Breeding	Vantage Point Survey	18	01:00 starting at 14:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 05:20	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 06:20	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 07:20	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 08:50	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 09:50	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2017	Breeding	Vantage Point Survey	18	01:00 starting at 10:50	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 1: Vantage Point Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 14:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 15:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 16:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Kestrel female hunting
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 17:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 18:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/09/2017	Both Overlap	Vantage Point Survey	18	01:00 starting at 19:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
29/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 06:40	Wind Speed and Direction: Fresh Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
29/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:40	Wind Speed and Direction: Fresh Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
29/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:40	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
29/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:40	Wind Speed and Direction: Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
29/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:30	Wind Speed and Direction: Light Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
30/10/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:30	Wind Speed and Direction: Light Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 65 Rain: None; Frost: None ; Snow: None	
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:00	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: Light Showers; Frost: None ; Snow: None	
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	
16/11/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 13:00	Wind Speed and Direction:Moderate Gale, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
02/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:40	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Heavy Showers; Frost: None ; Snow: None	JANUARY SURVEY
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 13:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 75 Rain: None; Frost: None ; Snow: None	JANUARY SURVEY
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 14:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: All Day	JANUARY SURVEY
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: All Day	JANUARY SURVEY
10/12/2015	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: All Day	JANUARY SURVEY

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
05/02/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	06:00 starting at 07:50	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:00	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 17:00	Wind Speed and Direction:Light Air, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
22/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 18:00	Wind Speed and Direction:Light Air, SW; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
24/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:20	Wind Speed and Direction:Strong Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
24/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
24/03/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:20	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 05:19	Wind Speed and Direction:Calm, SE; Visibility: Moderate (1-2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: On site; Snow: None	R/ CH WW HC WR ST BC HM MA (MA heard)

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 06:19	Wind Speed and Direction:Calm, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: On site; Snow: None	
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:19	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: On site; Snow: None	
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:50	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:50	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
20/04/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:50	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 04:40	Wind Speed and Direction:Moderate Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	R/ B/ CK WW WR RN ST SL HC GT CH MP
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 05:40	Wind Speed and Direction:Moderate Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 06:40	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:40	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:00	Wind Speed and Direction:Light Breeze, SE; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
08/05/2016	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:00	Wind Speed and Direction:Light Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 06:30	Wind Speed and Direction:Gentle Breeze, S; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	R.,B.,MP,HC,WR,GO,GT,BT
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:30	Wind Speed and Direction:Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:30	Wind Speed and Direction:Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:00	Wind Speed and Direction:Fresh Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:00	Wind Speed and Direction:Fresh Breeze, S; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
23/09/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:00	Wind Speed and Direction:Fresh Breeze, S; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 13:15	Wind Speed and Direction:Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 14:15	Wind Speed and Direction:Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:15	Wind Speed and Direction:Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:45	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33- 66 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 17:45	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33- 66 Rain: None; Frost: None ; Snow: None	
13/10/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 18:45	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33- 66 Rain: None; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
15/11/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 07:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Drizzle Mist; Frost: None ; Snow: None	
15/11/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 10:30	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: Rain: Drizzle Mist; Frost: None ; Snow: None	
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:35	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 11:35	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:35	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 14:05	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:05	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
12/12/2016	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:05	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Whooper swan
19/01/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 07:40	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No target species observed
19/01/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 11:10	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No target species observed
16/02/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	02:00 starting at 12:15	Wind Speed and Direction: Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	No target species
22/02/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 12:00	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
22/02/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 13:00	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
22/02/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 14:00	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
22/02/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:30	Wind Speed and Direction: Strong Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/03/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 05:30	Wind Speed and Direction:Strong Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species observed
23/03/2017	Non-Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	03:00 starting at 09:00	Wind Speed and Direction:Strong Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No target species observed
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 05:00	Wind Speed and Direction:Light Breeze, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 06:00	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 07:00	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 08:30	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 09:30	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
28/04/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 10:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
29/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 19:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
29/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 20:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
29/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 21:30	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
31/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
31/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 16:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
31/05/2017	Breeding	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 17:30	Wind Speed and Direction: Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 13:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 14:30	Wind Speed and Direction: Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 2: Commuting/Migratory VP Surveys (Barnesmore Gap)

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 15:30	Wind Speed and Direction:Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 17:00	Wind Speed and Direction:Fresh Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 18:00	Wind Speed and Direction:Strong Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	
21/09/2017	Both Overlap	Commuting/Migratory Bird Vantage Point Survey of Barnesmore Gap	CMVP	01:00 starting at 19:00	Wind Speed and Direction:Strong Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Heavy Showers; Frost: None ; Snow: None	

Table 3: Breeding Bird Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
14/08/2015	Breeding	BBS	T	02:30 starting at 18:10	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 55 Rain: None; Frost: None ; Snow: None	
15/08/2015	Breeding	BBS	T1	02:00 starting at 15:00	Wind Speed and Direction: Light Air, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 65 Rain: Drizzle Mist; Frost: None ; Snow: None	
16/08/2015	Breeding	BBS	T2	02:00 starting at 18:10	Wind Speed and Direction: Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 35 Rain: Drizzle Mist; Frost: None ; Snow: None	
14/04/2015	Breeding	BBS		04:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, SE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/04/2015	Breeding	BBS		01:00 starting at 06:45	Wind Speed and Direction: Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
19/04/2015	Breeding	BBS		02:00 starting at 08:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
19/04/2015	Breeding	BBS		02:00 starting at 16:30	Wind Speed and Direction: Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
22/04/2015	Breeding	BBS		04:00 starting at 09:30	Wind Speed and Direction: Light Breeze, NW; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	

Table 3: Breeding Bird Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/04/2015	Breeding	BBS		03:30 starting at 10:00	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 25 Rain: None; Frost: None ; Snow: None	
10/05/2015	Breeding	BBS		02:30 starting at 17:00	Wind Speed and Direction:Gentle Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
10/05/2015	Breeding	BBS		03:00 starting at 08:50	Wind Speed and Direction:Gentle Breeze, N; Visibility: Limited (<500m); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	
13/05/2015	Breeding	BBS		06:00 starting at 14:00	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
14/05/2015	Breeding	BBS		03:00 starting at 15:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Poor (<km); Cloud Height: >500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	
17/05/2015	Breeding	BBS		05:00 starting at 15:15	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	
05/06/2015	Breeding	BBS		08:00 starting at 09:00	Wind Speed and Direction:Moderate Gale, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None	
06/06/2015	Breeding	BBS		07:00 starting at 10:00	Wind Speed and Direction:Strong Breeze, SE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 3: Breeding Bird Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
12/06/2015	Breeding	BBS		07:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
15/06/2015	Breeding	BBS		08:00 starting at 10:00	Wind Speed and Direction:Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
16/06/2015	Breeding	BBS		08:00 starting at 09:00	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
25/06/2015	Breeding	BBS		08:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
14/07/2015	Breeding	BBS		04:00 starting at 16:05	Wind Speed and Direction:Light Air, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
20/07/2015	Breeding	BBS		07:00 starting at 13:00	Wind Speed and Direction:Moderate Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	
21/07/2015	Breeding	BBS		04:00 starting at 16:30	Wind Speed and Direction:Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
24/07/2015	Breeding	BBS		07:00 starting at 09:00	Wind Speed and Direction:Moderate Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 3: Breeding Bird Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/08/2015	Breeding	BBS		03:00 starting at 08:50	Wind Speed and Direction:Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
17/08/2015	Breeding	BBS		03:00 starting at 15:00	Wind Speed and Direction:Light Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	
19/08/2015	Breeding	BBS		08:00 starting at 09:00	Wind Speed and Direction:Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/08/2015	Breeding	BBS		07:30 starting at 09:30	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
21/08/2015	Breeding	BBS		03:00 starting at 09:00	Wind Speed and Direction:Strong Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
04/09/2015	Breeding	BBS		03:00 starting at 08:45	Wind Speed and Direction:Fresh Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
13/09/2015	Breeding	BBS		05:00 starting at 10:00	Wind Speed and Direction:Gentle Breeze, S; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 3: Breeding Bird Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/09/2015	Breeding	BBS		02:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
20/09/2015	Breeding	BBS		02:00 starting at 09:00	Wind Speed and Direction: Moderate Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
20/09/2015	Breeding	BBS		02:00 starting at 17:00	Wind Speed and Direction: Gentle Breeze, N; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
21/09/2015	Breeding	BBS		02:00 starting at 11:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	
21/09/2015	Breeding	BBS		02:00 starting at 15:00	Wind Speed and Direction: Moderate Breeze, NW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	

Table 4: Breeding Walkover Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 08:30	Wind Speed and Direction:Light Breeze, sw; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
24/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 11:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
25/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, N ; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: All Day	
26/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:30 starting at 11:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
27/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:30 starting at 10:00	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
28/04/2017	Breeding	Breeding Walkover Survey	500m Buffer	02:00 starting at 15:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
12/05/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 10:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
18/05/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 4: Breeding Walkover Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/05/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
30/05/2017	Breeding	Breeding Walkover Survey	500m Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
20/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
21/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	03:00 starting at 14:30	Wind Speed and Direction:Calm, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
22/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	02:30 starting at 15:00	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
26/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	03:30 starting at 13:30	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
29/06/2017	Breeding	Breeding Walkover Survey	500M Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 4: Breeding Walkover Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
11/07/2017	Breeding	Breeding Walkover Survey	500M Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
12/07/2017	Breeding	Breeding Walkover Survey	500M Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
13/07/2017	Breeding	Breeding Walkover Survey	500M Buffer	03:00 starting at 15:00	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
14/07/2017	Breeding	Breeding Walkover Survey	500M Buffer	04:30 starting at 12:00	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
17/07/2017	Breeding	Breeding Walkover Survey	500M Buffer	04:30 starting at 13:00	Wind Speed and Direction:Light Air, S ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
24/04/2017	Breeding	Breeding Walkover Survey		06:00 starting at 11:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
26/04/2017	Breeding	Breeding Walkover Survey		06:30 starting at 11:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
27/04/2017	Breeding	Breeding Walkover Survey		06:30 starting at 10:00	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 4: Breeding Walkover Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
28/04/2017	Breeding	Breeding Walkover Survey		02:00 starting at 15:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	

Table 5: Breeding Brown and Shepard Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
13/04/2016	Breeding	Brown & Shepherd 500m Quadrats		08:15 starting at 09:15	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Odd shower/drizzle
14/04/2016	Breeding	Brown & Shepherd 500m Quadrats		08:06 starting at 08:54	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 99 Rain: None; Frost: None ; Snow: None	
20/04/2016	Breeding	Brown & Shepherd 500m Quadrats		09:20 starting at 09:00	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
10/05/2016	Breeding	Brown & Shepherd 500m Quadrats		08:45 starting at 09:15	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None	2 showers around midday
12/05/2016	Breeding	Brown & Shepherd 500m Quadrats		08:25 starting at 09:15	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 25 Rain: None; Frost: None ; Snow: None	
13/05/2016	Breeding	Brown & Shepherd 500m Quadrats		08:15 starting at 10:05	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
01/06/2016	Breeding	Brown & Shepherd 500m Quadrats		08:00 starting at 09:10	Wind Speed and Direction:Light Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
02/06/2016	Breeding	Brown & Shepherd 500m Quadrats		08:15 starting at 09:15	Wind Speed and Direction:Gentle Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	

Table 5: Breeding Brown and Shepard Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
03/06/2016	Breeding	Brown & Shepherd 500m Quadrats		08:05 starting at 09:00	Wind Speed and Direction:Light Air, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
05/07/2016	Breeding	Brown & Shepherd 500m Quadrats		08:00 starting at 09:00	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 95 Rain: None; Frost: None ; Snow: None	
14/07/2016	Breeding	Brown & Shepherd 500m Quadrats		09:10 starting at 08:15	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	
18/07/2016	Breeding	Brown & Shepherd 500m Quadrats		08:20 starting at 09:00	Wind Speed and Direction:Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	

Table 6: Breeding Raptor Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
11/04/2016	Breeding	Breeding Raptor survey	-	03:00 starting at 14:30	Wind Speed and Direction:Light Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None ; Snow: None	Occ showers am
19/04/2016	Breeding	Breeding Raptor survey	-	03:00 starting at 09:00	Wind Speed and Direction:Calm, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
25/04/2016	Breeding	Breeding Raptor survey	-	08:40 starting at 09:10	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
29/04/2016	Breeding	Breeding Raptor survey	-	03:00 starting at 09:15	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: Light Showers; Frost: None ; Snow: None	Occ showers
16/05/2016	Breeding	Breeding Raptor survey	-	08:20 starting at 09:10	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	
27/05/2016	Breeding	Breeding Raptor survey	-	08:00 starting at 09:15	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
06/06/2016	Breeding	Breeding Raptor survey	-	08:10 starting at 09:20	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	
20/06/2016	Breeding	Breeding Raptor survey	-	07:30 starting at 10:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: Light Showers; Frost: None ; Snow: None	Showers am

Table 6: Breeding Raptor Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/06/2016	Breeding	Breeding Raptor survey	-	07:35 starting at 09:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Occ drizzly showers
07/07/2016	Breeding	Breeding Raptor survey	-	08:10 starting at 09:20	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 80 Rain: None; Frost: None ; Snow: None	
12/07/2016	Breeding	Breeding Raptor survey	-	03:00 starting at 09:00	Wind Speed and Direction:Light Air, NW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: Light Showers; Frost: None ; Snow: None	
16/07/2016	Breeding	Breeding Raptor survey	-	08:20 starting at 09:20	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
07/06/2017	Breeding	Breeding Raptor survey	5km Buffer	06:30 starting at 12:00	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
08/06/2017	Breeding	Breeding Raptor survey	5km Buffer	06:30 starting at 12:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
09/06/2017	Breeding	Breeding Raptor survey	5km Buffer	03:00 starting at 15:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/06/2017	Breeding	Breeding Raptor survey	5km Buffer	04:30 starting at 13:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 6: Breeding Raptor Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
13/06/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	2 Kestrel
14/06/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 11:30	Wind Speed and Direction:Gentle Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	2 Peregrine at Nest site H03233 85417. 1 Adult Golden Eagle flying SE with Yellow tag on right wing
02/07/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 12:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	BZ hunting over WD4, PB2
03/07/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	BZ. Male HH hunting over Meenbog hill, flew SW
04/07/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 12:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	Adult Golden Eagle (No tags). Male Kestrel hunting. Adult Peregrine near known nest.
05/07/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 11:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
06/07/2017	Breeding	Breeding Raptor survey	5km Buffer	06:00 starting at 12:00	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	Male Kestrel hunting. Male Merlin repeated territorial calling from conifers.
10/07/2017	Breeding	Breeding Raptor survey	5km Buffer	04:30 starting at 15:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 6: Breeding Raptor Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
12/07/2015	Non-Breeding	Breeding Raptor survey	Carrickaduff	#VALUE!	Wind Speed and Direction:, WSW; Visibility: ; Cloud Height: ; Cloud Cover %: 10-100 Rain: Light Showers; Frost: None ; Snow: None	Carrickaduff walkovers/VPs. 3 SH
29/07/2015	Non-Breeding	Breeding Raptor survey	Carrickaduff	#VALUE!	Wind Speed and Direction:, NW; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Carrickaduff VPs. 1HH, 1 BZ, 2 SH
04/04/2017	Breeding	Breeding Raptor survey	RVP1	06:35 starting at 09:40	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	SN, GP
06/04/2017	Breeding	Breeding Raptor survey	RVP1	03:00 starting at 09:56	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Occ drizzle am, dry pm. BZ
17/04/2017	Breeding	Breeding Raptor survey	RVP1	07:40 starting at 09:30	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
18/04/2017	Breeding	Breeding Raptor survey	RVP1	07:14 starting at 09:38	Wind Speed and Direction:Light Air, S ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	GP, SH
22/04/2017	Breeding	Breeding Raptor survey	RVP1	07:50 starting at 09:30	Wind Speed and Direction:Light Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	Occ drizzle. LG
23/04/2017	Breeding	Breeding Raptor survey	RVP1	08:19 starting at 09:28	Wind Speed and Direction:Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	Light showers/drizzle am, ML, SH, BZ, GP

Table 6: Breeding Raptor Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
04/05/2017	Breeding	Breeding Raptor survey	RVP2	07:43 starting at 09:27	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	SH, BZ
05/05/2017	Breeding	Breeding Raptor survey	RVP2	07:41 starting at 09:43	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	BZ
06/05/2017	Breeding	Breeding Raptor survey	RVP2	08:32 starting at 09:43	Wind Speed and Direction:Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	GP, PE
07/05/2017	Breeding	Breeding Raptor survey	RVP2	07:18 starting at 09:48	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
10/05/2017	Breeding	Breeding Raptor survey	RVP2	07:46 starting at 09:38	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	BZ
30/04/2015	Non-Breeding	Breeding Raptor survey		#VALUE!	Wind Speed and Direction:, NE; Visibility: ; Cloud Height: ; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
16/05/2015	Non-Breeding	Breeding Raptor survey		#VALUE!	Wind Speed and Direction:, W; Visibility: ; Cloud Height: ; Cloud Cover %: 50 Rain: Light Showers; Frost: None ; Snow: None	

Table 7: Red Grouse Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
14/03/2017	Non-Breeding	Red Grouse Survey	1	00:30 starting at 09:30	Wind Speed and Direction:Moderate Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	Strip of PB along road and river
14/03/2017	Non-Breeding	Red Grouse Survey	2	01:15 starting at 10:30	Wind Speed and Direction:Fresh Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 80 Rain: Light Showers; Frost: None ; Snow: None	HH, PB on hill by VP1
14/03/2017	Non-Breeding	Red Grouse Survey	3	00:20 starting at 12:05	Wind Speed and Direction:Gentle Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	Strip of PB along road and WD4
14/03/2017	Non-Breeding	Red Grouse Survey	4	02:45 starting at 12:55	Wind Speed and Direction:Gentle Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 70 Rain: Drizzle Mist; Frost: None ; Snow: None	Variable PB generally overgrazed
14/03/2017	Non-Breeding	Red Grouse Survey	5	00:20 starting at 16:15	Wind Speed and Direction:Light Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	Enclosed bog surrounded by WD4
14/03/2017	Non-Breeding	Red Grouse Survey	6	02:15 starting at 17:05	Wind Speed and Direction:Gentle Breeze, W; Visibility: ; Cloud Height: ; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	Lowland PB and HH
15/03/2017	Non-Breeding	Red Grouse Survey	7	02:55 starting at 08:00	Wind Speed and Direction:Light Air, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 95 Rain: None; Frost: None ; Snow: None	Variable quality PB, much overgrazed, HH, GS4, FW1
15/03/2017	Non-Breeding	Red Grouse Survey	8	01:30 starting at 11:00	Wind Speed and Direction:Light Air, SW; Visibility: ; Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	Variable quality PB, much overgrazed, HH, GS4, FW2
16/03/2015	Breeding	Red Grouse Survey		05:57 starting at 11:13	Wind Speed and Direction:., ; Visibility: ; Cloud Height: ; Cloud Cover %: Rain: ; Frost: ; Snow:	

Table 7: Red Grouse Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/03/2015	Breeding	Red Grouse Survey		06:20 starting at 09:02	Wind Speed and Direction: ; ; Visibility: ; Cloud Height: ; Cloud Cover %: Rain: ; Frost: ; Snow:	
29/03/2016	Non-Breeding	Red Grouse Survey		08:00 starting at 10:00	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Light Showers; Frost: None ; Snow: None	Licence no. 004/2016. Overall on site peatland poor RG habitat. Best habitat off site and in the 500m buffer to the S of the site around Barnesmore.

Table 8: Goshawk Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/03/2017	Both Overlap	Goshawk Survey	Survey 2	06:40 starting at 06:20	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	NO GOSHAWK
30/03/2017	Both Overlap	Goshawk Survey	Survey 3	07:20 starting at 06:10	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	NO GOSHAWK

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/11/2015	Non-Breeding	HH roost survey	1	03:08 starting at 14:04	Wind Speed and Direction:Gentle Breeze, WSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 80 Rain: Light Showers; Frost: ; Snow:	
03/12/2015	Non-Breeding	HH roost survey	1	03:00 starting at 13:46	Wind Speed and Direction:Light Breeze, Variable; Visibility: Moderate (1-2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: ; Snow:	
05/01/2016	Non-Breeding	HH roost survey	1	03:00 starting at 13:51	Wind Speed and Direction:Gentle Breeze, NNE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: ; Snow:	
25/02/2016	Non-Breeding	HH roost survey	1	03:00 starting at 15:26	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: ; Snow:	
17/03/2016	Non-Breeding	HH roost survey	1	03:00 starting at 16:08	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 0 Rain: None; Frost: None ; Snow: None	
02/11/2016	Non-Breeding	HH roost survey	1	03:00 starting at 14:20	Wind Speed and Direction:Light Air, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	Occ drizzly showers
24/11/2016	Non-Breeding	HH roost survey	1	03:00 starting at 13:46	Wind Speed and Direction:Light Air, ENE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-66 Rain: None; Frost: None ; Snow: None	
18/12/2016	Non-Breeding	HH roost survey	1	03:00 starting at 13:34	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/01/2017	Non-Breeding	HH roost survey	1	03:00 starting at 14:16	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
25/11/2015	Non-Breeding	HH roost survey	2	03:00 starting at 13:57	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 90 Rain: None; Frost: ; Snow:	1 Adult Male
30/11/2015	Non-Breeding	HH roost survey	2	03:00 starting at 13:43	Wind Speed and Direction:Gentle Breeze, WNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 20 Rain: None; Frost: ; Snow:	
11/12/2015	Non-Breeding	HH roost survey	2	03:00 starting at 13:37	Wind Speed and Direction:Moderate Breeze, W; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 50 Rain: Light Showers; Frost: ; Snow:	2 Adult Males
23/12/2015	Non-Breeding	HH roost survey	2	03:00 starting at 13:36	Wind Speed and Direction:Moderate Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: ; Snow:	
08/01/2016	Non-Breeding	HH roost survey	2	03:00 starting at 13:56	Wind Speed and Direction:Moderate Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: ; Snow:	1 Adult Male
24/01/2016	Non-Breeding	HH roost survey	2	03:05 starting at 14:15	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: ; Snow:	
04/02/2016	Non-Breeding	HH roost survey	2	03:00 starting at 14:45	Wind Speed and Direction:Fresh Breeze, WSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: Light Showers; Frost: ; Snow:	1 Adult Male

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
05/03/2016	Non-Breeding	HH roost survey	2	03:04 starting at 15:40	Wind Speed and Direction:Gentle Breeze, N; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 30 Rain: None; Frost: ; Snow:	
18/03/2016	Non-Breeding	HH roost survey	2	03:00 starting at 16:09	Wind Speed and Direction:Gentle Breeze, NNE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
05/11/2016	Non-Breeding	HH roost survey	2	03:00 starting at 14:15	Wind Speed and Direction:Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
19/11/2016	Non-Breeding	HH roost survey	2	03:00 starting at 13:53	Wind Speed and Direction:Light Air, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: Drizzle Mist; Frost: None ; Snow: None	Occasional Showers
03/12/2016	Non-Breeding	HH roost survey	2	03:00 starting at 13:38	Wind Speed and Direction:Light Air, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
02/01/2017	Non-Breeding	HH roost survey	2	03:00 starting at 13:46	Wind Speed and Direction:Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: None ; Snow: None	
22/11/2015	Non-Breeding	HH roost survey	3	03:00 starting at 14:04	Wind Speed and Direction:Gentle Breeze, NNE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 10 Rain: None; Frost: ; Snow:	1 Adult Male
21/12/2015	Non-Breeding	HH roost survey	3	03:00 starting at 13:35	Wind Speed and Direction:Fresh Breeze, SW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 50 Rain: Light Showers; Frost: ; Snow:	1 Adult Male

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/01/2016	Non-Breeding	HH roost survey	3	03:00 starting at 14:15	Wind Speed and Direction: Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: Light Showers; Frost: ; Snow:	
12/02/2016	Non-Breeding	HH roost survey	3	03:03 starting at 14:58	Wind Speed and Direction: Gentle Breeze, ESE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 40 Rain: None; Frost: ; Snow:	
23/03/2016	Non-Breeding	HH roost survey	3	03:02 starting at 16:18	Wind Speed and Direction: Light Breeze, W; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 90 Rain: None; Frost: ; Snow:	1 Adult Male
08/11/2016	Non-Breeding	HH roost survey	3	03:00 starting at 14:10	Wind Speed and Direction: Light Air, SSW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
22/11/2016	Non-Breeding	HH roost survey	3	03:00 starting at 13:49	Wind Speed and Direction: Light Breeze, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-66 Rain: Light Showers; Frost: None ; Snow: None	
09/12/2016	Non-Breeding	HH roost survey	3	03:00 starting at 13:35	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
04/01/2017	Non-Breeding	HH roost survey	3	03:00 starting at 13:50	Wind Speed and Direction: Light Air, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
19/11/2015	Non-Breeding	HH roost survey	4	03:07 starting at 14:02	Wind Speed and Direction: Gentle Breeze, WNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 30 Rain: Light Showers; Frost: ; Snow:	

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
21/11/2015	Non-Breeding	HH roost survey	4	03:00 starting at 14:02	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 90 Rain: Light Showers; Frost: ; Snow:	
17/12/2015	Non-Breeding	HH roost survey	4	03:01 starting at 13:34	Wind Speed and Direction:Fresh Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: Light Showers; Frost: ; Snow:	
20/01/2016	Non-Breeding	HH roost survey	4	03:02 starting at 14:13	Wind Speed and Direction:Gentle Breeze, SSE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 50 Rain: None; Frost: ; Snow:	
14/02/2016	Non-Breeding	HH roost survey	4	03:02 starting at 15:01	Wind Speed and Direction:Gentle Breeze, NNE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 20 Rain: None; Frost: ; Snow:	
12/03/2016	Non-Breeding	HH roost survey	4	03:03 starting at 15:55	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
07/11/2016	Non-Breeding	HH roost survey	4	03:00 starting at 14:15	Wind Speed and Direction:Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
26/11/2016	Non-Breeding	HH roost survey	4	03:00 starting at 13:44	Wind Speed and Direction:Light Air, ENE; Visibility: Poor (<km); Cloud Height: 150- 500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
19/12/2016	Non-Breeding	HH roost survey	4	03:00 starting at 13:35	Wind Speed and Direction:Calm, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-66 Rain: None; Frost: None ; Snow: None	

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
17/01/2017	Non-Breeding	HH roost survey	4	03:00 starting at 14:09	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
30/12/2015	Non-Breeding	HH roost survey	5	03:04 starting at 13:40	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 20 Rain: None; Frost: ; Snow:	1 Adult Male
12/01/2016	Non-Breeding	HH roost survey	5	03:00 starting at 14:01	Wind Speed and Direction:Moderate Breeze, NNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 40 Rain: Light Showers; Frost: ; Snow:	2 Adult males
24/02/2016	Non-Breeding	HH roost survey	5	03:00 starting at 15:25	Wind Speed and Direction:Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 20 Rain: None; Frost: ; Snow:	
28/02/2016	Non-Breeding	HH roost survey	5	03:03 starting at 15:29	Wind Speed and Direction:Gentle Breeze, SSE; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 90 Rain: None; Frost: ; Snow:	
09/03/2016	Non-Breeding	HH roost survey	5	03:02 starting at 15:50	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: ; Cloud Cover %: 40 Rain: Light Showers; Frost: None ; Snow: None	2 Adult Males
06/11/2016	Non-Breeding	HH roost survey	5	03:00 starting at 14:14	Wind Speed and Direction:Moderate Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0- 33 Rain: Light Showers; Frost: None ; Snow: None	
25/11/2016	Non-Breeding	HH roost survey	5	03:00 starting at 13:45	Wind Speed and Direction:Calm, U; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-66 Rain: None; Frost: None ; Snow: None	

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
08/12/2016	Non-Breeding	HH roost survey	5	03:00 starting at 13:35	Wind Speed and Direction:Light Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
01/01/2017	Non-Breeding	HH roost survey	5	03:00 starting at 13:44	Wind Speed and Direction:Moderate Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
12/02/2017	Non-Breeding	HH roost survey	5	03:00 starting at 15:01	Wind Speed and Direction:Light Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
05/03/2017	Both Overlap	HH roost survey	5	03:00 starting at 15:44	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
17/12/2016	Non-Breeding	HH roost survey	-	03:00 starting at 13:34	Wind Speed and Direction:Light Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
15/01/2017	Non-Breeding	HH roost survey	-	03:00 starting at 14:03	Wind Speed and Direction:Gentle Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
20/04/2015	Breeding	HH roost survey	HHVP1 & HHVP2	04:00 starting at 14:00	Wind Speed and Direction:Light Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	NO HH OBSERVED
21/04/2015	Breeding	HH roost survey	HHVP3, HHVP4 & HHVP5	08:30 starting at 08:30	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	NO HH OBSERVED

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/04/2015	Breeding	HH roost survey	HHVP6	03:30 starting at 09:00	Wind Speed and Direction:Light Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: None ; Snow: None	NO HH OBSERVED
13/02/2017	Non-Breeding	HH roost survey		03:00 starting at 15:03	Wind Speed and Direction:Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
20/02/2017	Non-Breeding	HH roost survey		03:00 starting at 15:17	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
22/02/2017	Non-Breeding	HH roost survey		03:00 starting at 15:21	Wind Speed and Direction:Calm, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
25/02/2017	Non-Breeding	HH roost survey		03:00 starting at 15:28	Wind Speed and Direction:Light Air, W ; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
27/02/2017	Non-Breeding	HH roost survey		03:00 starting at 15:31	Wind Speed and Direction:Calm, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
10/03/2017	Both Overlap	HH roost survey		03:00 starting at 15:54	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/03/2017	Both Overlap	HH roost survey		03:00 starting at 15:58	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 9: Hen Harrier Roost Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
22/03/2017	Both Overlap	HH roost survey		03:00 starting at 16:17	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
28/03/2017	Both Overlap	HH roost survey		03:00 starting at 17:28	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
30/03/2017	Both Overlap	HH roost survey		03:00 starting at 17:31	Wind Speed and Direction:Light Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 10: Breeding Woodcock Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 20:30	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No Woodcock Observed
20/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 21:30	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
20/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 22:30	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
21/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 20:30	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
21/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 21:30	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
21/06/2017	Breeding	Woodcock Survey	Transects on site	01:00 starting at 22:30	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
27/05/2016	Non-Breeding	Woodcock Survey		02:00 starting at 20:50	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	1 calling, 1 roding/calling
08/06/2016	Non-Breeding	Woodcock Survey		02:00 starting at 21:05	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 - 33 Rain: None; Frost: None ; Snow: None	No Woodcock Observed

Table 10: Breeding Woodcock Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
22/06/2016	Non-Breeding	Woodcock Survey		02:00 starting at 21:15	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	No Woodcock Observed
24/06/2016	Non-Breeding	Woodcock Survey		02:00 starting at 21:15	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No Woodcock Observed
27/06/2016	Non-Breeding	Woodcock Survey		02:00 starting at 21:15	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No Woodcock Observed

Table 11: Winter Walkover Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
25/10/2016	Non-Breeding	Winter Walkover	WW01	08:00 starting at 09:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: Rain: Drizzle Mist; Frost: None ; Snow: None	Foggy conditions during morning surveys, clearing from noon onwards
08/11/2016	Non-Breeding	Winter Walkover	WW01	07:30 starting at 10:00	Wind Speed and Direction:Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: Light Showers; Frost: None ; Snow: None	
29/03/2016	Non-Breeding	Winter Walkover		07:00 starting at 09:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 85 Rain: None; Frost: None ; Snow: None	
26/01/2017	Non-Breeding	Winter Walkover		07:59 starting at 09:28	Wind Speed and Direction:Fresh Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
10/09/2016	Non-Breeding	Waterfowl Survey	-	06:05 starting at 09:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
11/09/2016	Non-Breeding	Waterfowl Survey	-	03:12 starting at 13:20	Wind Speed and Direction:Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
13/09/2016	Non-Breeding	Waterfowl Survey	-	06:43 starting at 10:00	Wind Speed and Direction:Gentle Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 40 Rain: None; Frost: None ; Snow: None	
23/09/2016	Non-Breeding	Waterfowl Survey	-	06:13 starting at 09:35	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	Heavy showers pm
25/09/2016	Non-Breeding	Waterfowl Survey	-	03:10 starting at 14:00	Wind Speed and Direction:Moderate Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	
27/09/2016	Non-Breeding	Waterfowl Survey	-	06:14 starting at 09:56	Wind Speed and Direction:Moderate Breeze, WSW; Visibility: Moderate (1- 2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
08/10/2016	Non-Breeding	Waterfowl Survey	-	03:24 starting at 13:00	Wind Speed and Direction:Light Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
10/10/2016	Non-Breeding	Waterfowl Survey	-	06:14 starting at 10:00	Wind Speed and Direction:Light Air, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
11/10/2016	Non-Breeding	Waterfowl Survey	-	06:18 starting at 09:52	Wind Speed and Direction: Moderate Breeze, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: None; Frost: None ; Snow: None	
23/10/2016	Non-Breeding	Waterfowl Survey	-	03:06 starting at 13:08	Wind Speed and Direction: Moderate Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
24/10/2016	Non-Breeding	Waterfowl Survey	-	06:29 starting at 09:45	Wind Speed and Direction: Gentle Breeze, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: None; Frost: None ; Snow: None	
25/10/2016	Non-Breeding	Waterfowl Survey	-	05:58 starting at 10:02	Wind Speed and Direction: Gentle Breeze, SSE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	Some hill fog first thing, clearing later
06/11/2016	Non-Breeding	Waterfowl Survey	-	03:00 starting at 09:14	Wind Speed and Direction: Moderate Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: Drizzle Mist; Frost: None ; Snow: None	Occ drizzly showers
09/11/2016	Non-Breeding	Waterfowl Survey	-	05:31 starting at 08:51	Wind Speed and Direction: Light Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
10/11/2016	Non-Breeding	Waterfowl Survey	-	06:17 starting at 09:30	Wind Speed and Direction: Moderate Breeze, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 30 Rain: Light Showers; Frost: None ; Snow: None	
21/11/2016	Non-Breeding	Waterfowl Survey	-	06:23 starting at 09:00	Wind Speed and Direction: Light Breeze, N; Visibility: Limited (<500m); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/11/2016	Non-Breeding	Waterfowl Survey	-	05:52 starting at 09:25	Wind Speed and Direction:Light Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
26/11/2016	Non-Breeding	Waterfowl Survey	-	03:05 starting at 09:03	Wind Speed and Direction:Light Breeze, ENE; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
03/12/2016	Non-Breeding	Waterfowl Survey	-	02:56 starting at 09:30	Wind Speed and Direction:Light Air, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
04/12/2016	Non-Breeding	Waterfowl Survey	-	06:09 starting at 09:45	Wind Speed and Direction:Light Breeze, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
05/12/2016	Non-Breeding	Waterfowl Survey	-	06:28 starting at 09:04	Wind Speed and Direction:Light Breeze, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
07/12/2016	Non-Breeding	Waterfowl Survey	-	06:10 starting at 09:00	Wind Speed and Direction:Moderate Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
17/12/2016	Non-Breeding	Waterfowl Survey	-	03:41 starting at 09:20	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
18/12/2016	Non-Breeding	Waterfowl Survey	-	03:07 starting at 09:46	Wind Speed and Direction:Gentle Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
19/12/2016	Non-Breeding	Waterfowl Survey	-	03:38 starting at 09:09	Wind Speed and Direction:Light Breeze, WNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 20 Rain: None; Frost: None ; Snow: None	
21/12/2016	Non-Breeding	Waterfowl Survey	-	06:42 starting at 09:04	Wind Speed and Direction:Light Air, WSW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: Heavy Showers; Frost: None ; Snow: None	
13/04/2016	Non-Breeding	Waterfowl Survey		06:30 starting at 14:00	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
14/04/2016	Non-Breeding	Waterfowl Survey		11:00 starting at 08:00	Wind Speed and Direction:Light Air, N; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
07/05/2016	Breeding	Waterfowl Survey		03:00 starting at 13:55	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	
08/05/2016	Breeding	Waterfowl Survey		03:49 starting at 09:19	Wind Speed and Direction:Light Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
08/05/2016	Breeding	Waterfowl Survey		06:57 starting at 13:08	Wind Speed and Direction:Light Air, SW; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
09/05/2016	Breeding	Waterfowl Survey		02:00 starting at 07:50	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
10/05/2016	Breeding	Waterfowl Survey		07:54 starting at 07:46	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
17/05/2016	Breeding	Waterfowl Survey		06:00 starting at 09:00	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
18/05/2016	Breeding	Waterfowl Survey		12:15 starting at 08:40	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
19/05/2016	Breeding	Waterfowl Survey		07:00 starting at 09:00	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
23/05/2016	Breeding	Waterfowl Survey		00:20 starting at 18:10	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
23/05/2016	Breeding	Waterfowl Survey		01:25 starting at 13:25	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
23/05/2016	Breeding	Waterfowl Survey		02:10 starting at 10:50	Wind Speed and Direction:Light Breeze, W; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
23/05/2016	Breeding	Waterfowl Survey		02:10 starting at 15:45	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
23/05/2016	Breeding	Waterfowl Survey		02:45 starting at 07:45	Wind Speed and Direction:Light Breeze, NW; Visibility: Poor (<km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
24/05/2016	Breeding	Waterfowl Survey		00:30 starting at 09:05	Wind Speed and Direction:Calm, No wind; Visibility: Moderate (1-2km); Cloud Height: <150m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
24/05/2016	Breeding	Waterfowl Survey		08:25 starting at 11:00	Wind Speed and Direction:Light Air, NE; Visibility: Good (>2km); Cloud Height: <150m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
04/08/2016	Non-Breeding	Waterfowl Survey		05:40 starting at 09:20	Wind Speed and Direction:Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
05/08/2016	Non-Breeding	Waterfowl Survey		07:14 starting at 09:18	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
06/08/2016	Non-Breeding	Waterfowl Survey		06:56 starting at 10:08	Wind Speed and Direction:Moderate Breeze, SSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: None; Frost: None ; Snow: None	
10/08/2016	Non-Breeding	Waterfowl Survey		06:34 starting at 09:04	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	Showers throughout
19/08/2016	Non-Breeding	Waterfowl Survey		07:45 starting at 09:10	Wind Speed and Direction:Moderate Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
26/08/2016	Non-Breeding	Waterfowl Survey		06:07 starting at 09:15	Wind Speed and Direction: Moderate Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
27/08/2016	Non-Breeding	Waterfowl Survey		06:48 starting at 09:50	Wind Speed and Direction: Light Breeze, ESE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
01/01/2017	Non-Breeding	Waterfowl Survey		03:07 starting at 09:48	Wind Speed and Direction: Moderate Breeze, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 50 Rain: Heavy Showers; Frost: None ; Snow: None	
02/01/2017	Non-Breeding	Waterfowl Survey		03:12 starting at 09:02	Wind Speed and Direction: Light Air, NNW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 5 Rain: None; Frost: Heavy; Snow: None	
04/01/2017	Non-Breeding	Waterfowl Survey		04:30 starting at 09:00	Wind Speed and Direction: Light Air, NNE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 90 Rain: None; Frost: None ; Snow: None	
05/01/2017	Non-Breeding	Waterfowl Survey		07:07 starting at 08:56	Wind Speed and Direction: Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
15/01/2017	Non-Breeding	Waterfowl Survey		03:03 starting at 10:07	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
17/01/2017	Non-Breeding	Waterfowl Survey		04:28 starting at 08:47	Wind Speed and Direction: Gentle Breeze, SSW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 70 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
20/01/2017	Non-Breeding	Waterfowl Survey		06:21 starting at 08:48	Wind Speed and Direction:Light Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 100 Rain: None; Frost: None ; Snow: None	
21/01/2017	Non-Breeding	Waterfowl Survey		03:51 starting at 09:20	Wind Speed and Direction:Gentle Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0 Rain: None; Frost: On site; Snow: None	
29/01/2017	Non-Breeding	Waterfowl Survey		03:14 starting at 08:50	Wind Speed and Direction:Light Breeze, SSE; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 10 Rain: None; Frost: On site; Snow: Ground	
31/01/2017	Non-Breeding	Waterfowl Survey		06:44 starting at 09:18	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 60 Rain: None; Frost: None ; Snow: None	
01/02/2017	Non-Breeding	Waterfowl Survey		06:34 starting at 09:08	Wind Speed and Direction:Fresh Breeze, S ; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
12/02/2017	Non-Breeding	Waterfowl Survey		03:27 starting at 10:30	Wind Speed and Direction:Gentle Breeze, NE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None	
13/02/2017	Non-Breeding	Waterfowl Survey		05:24 starting at 09:09	Wind Speed and Direction:Fresh Breeze, E; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
14/02/2017	Non-Breeding	Waterfowl Survey		07:03 starting at 09:04	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
16/02/2017	Non-Breeding	Waterfowl Survey		03:53 starting at 09:34	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
26/02/2017	Non-Breeding	Waterfowl Survey		03:11 starting at 14:48	Wind Speed and Direction:Moderate Breeze, WSW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33- 66 Rain: Light Showers; Frost: None ; Snow: None	
27/02/2017	Non-Breeding	Waterfowl Survey		06:14 starting at 09:02	Wind Speed and Direction:Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: On site; Snow: None	
02/03/2017	Both Overlap	Waterfowl Survey		06:47 starting at 09:23	Wind Speed and Direction:Light Air, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
03/03/2017	Both Overlap	Waterfowl Survey		03:00 starting at 10:09	Wind Speed and Direction:Light Breeze, NE; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Drizzle Mist; Frost: None ; Snow: None	
12/03/2017	Both Overlap	Waterfowl Survey		03:07 starting at 12:18	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
13/03/2017	Both Overlap	Waterfowl Survey		06:10 starting at 09:40	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
14/03/2017	Both Overlap	Waterfowl Survey		03:10 starting at 08:50	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
15/03/2017	Both Overlap	Waterfowl Survey		08:32 starting at 09:02	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/03/2017	Both Overlap	Waterfowl Survey		03:17 starting at 10:40	Wind Speed and Direction:Gentle Breeze, E; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
27/03/2017	Both Overlap	Waterfowl Survey		07:10 starting at 10:00	Wind Speed and Direction:Gentle Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
28/03/2017	Both Overlap	Waterfowl Survey		06:20 starting at 11:00	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
10/08/2017	Non-Breeding	Waterfowl Survey		06:12 starting at 10:00	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
12/08/2017	Non-Breeding	Waterfowl Survey		03:16 starting at 10:04	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No sightings
13/08/2017	Non-Breeding	Waterfowl Survey		06:21 starting at 10:13	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
26/08/2017	Non-Breeding	Waterfowl Survey		06:24 starting at 10:30	Wind Speed and Direction:Calm, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Drizzle Mist; Frost: None ; Snow: None	Light drizzle early on, dry later

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/08/2017	Non-Breeding	Waterfowl Survey		03:24 starting at 10:43	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No sightings
29/08/2017	Non-Breeding	Waterfowl Survey		06:42 starting at 10:01	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	
01/09/2017	Both Overlap	Waterfowl Survey		07:00 starting at 10:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100% Rain: None; Frost: None ; Snow: None	
04/09/2017	Both Overlap	Waterfowl Survey		05:00 starting at 14:00	Wind Speed and Direction:Moderate Breeze, S; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100% Rain: Drizzle Mist; Frost: None ; Snow: None	
05/09/2017	Both Overlap	Waterfowl Survey		07:00 starting at 11:00	Wind Speed and Direction:Moderate Breeze, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66- 100% Rain: None; Frost: None ; Snow: None	
10/09/2017	Non-Breeding	Waterfowl Survey		03:04 starting at 15:20	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100 Rain: Light Showers; Frost: None ; Snow: None	AUGUST SURVEY CONTINUED
11/09/2017	Non-Breeding	Waterfowl Survey		06:56 starting at 10:03	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	AUGUST SURVEY CONTINUED
12/09/2017	Non-Breeding	Waterfowl Survey		06:43 starting at 09:40	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100	AUGUST SURVEY CONTINUED

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
					Rain: Light Showers; Frost: None ; Snow: None	
13/09/2017	Non-Breeding	Waterfowl Survey		06:23 starting at 09:54	Wind Speed and Direction:Light Air, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Heavy Showers; Frost: None ; Snow: None	AUGUST SURVEY CONTINUED
18/09/2017	Both Overlap	Waterfowl Survey		06:00 starting at 12:30	Wind Speed and Direction:Light Air, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66% Rain: Drizzle Mist; Frost: None ; Snow: None	
22/09/2017	Both Overlap	Waterfowl Survey		06:30 starting at 12:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100% Rain: Light Showers; Frost: None ; Snow: None	
25/09/2017	Both Overlap	Waterfowl Survey		04:30 starting at 13:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 00-33% Rain: None; Frost: None ; Snow: None	
26/09/2017	Both Overlap	Waterfowl Survey		05:00 starting at 13:00	Wind Speed and Direction:Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66- 100% Rain: Light Showers; Frost: None ; Snow: None	
27/09/2017	Both Overlap	Waterfowl Survey		06:00 starting at 13:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Poor (<km); Cloud Height: 150-500m; Cloud Cover %: 66- 100% Rain: Heavy Showers; Frost: None ; Snow: None	
25/10/2016	Non-Breeding	Winter Walkover	WW01	08:00 starting at 09:30	Wind Speed and Direction:Light Breeze, SW; Visibility: Limited (<500m); Cloud Height: <150m; Cloud Cover %: Rain: Drizzle Mist; Frost: None ; Snow: None	Foggy conditions during morning surveys, clearing from noon onwards

Table 12: Waterfowl Surveys

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
08/11/2016	Non-Breeding	Winter Walkover	WW01	07:30 starting at 10:00	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: Rain: Light Showers; Frost: None ; Snow: None	
29/03/2016	Non-Breeding	Winter Walkover		07:00 starting at 09:00	Wind Speed and Direction: Gentle Breeze, SW; Visibility: Moderate (1-2km); Cloud Height: >500m; Cloud Cover %: 85 Rain: None; Frost: None ; Snow: None	
26/01/2017	Non-Breeding	Winter Walkover		07:59 starting at 09:28	Wind Speed and Direction: Fresh Breeze, SSE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 13: Red-throated Diver Survey

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 19:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No RH
27/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 20:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No RH
27/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 21:15	Wind Speed and Direction: Moderate Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No RH
28/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 05:06	Wind Speed and Direction: Light Air, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	No RH
28/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 06:06	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: Light Showers; Frost: None ; Snow: None	No RH
28/06/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 07:06	Wind Speed and Direction: Light Breeze, S; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	No RH
18/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 18:54	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
18/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 19:54	Wind Speed and Direction: Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	

Table 13: Red-throated Diver Survey

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
18/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 20:54	Wind Speed and Direction:Light Breeze, SW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 0-33 Rain: None; Frost: None ; Snow: None	
19/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 05:23	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
19/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 06:23	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
19/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 07:23	Wind Speed and Direction:Light Air, SE; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
26/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 18:42	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 19:42	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
26/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 20:42	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
27/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 05:36	Wind Speed and Direction:Light Breeze, NW; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 13: Red-throated Diver Survey

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
27/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 06:36	Wind Speed and Direction:Light Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
27/07/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 07:36	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
03/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 05:49	Wind Speed and Direction:Light Breeze, W; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: Drizzle Mist; Frost: None ; Snow: None	
03/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 06:49	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: Light Showers; Frost: None ; Snow: None	
03/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 07:49	Wind Speed and Direction:Light Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 18:19	Wind Speed and Direction:Gentle Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 33-66 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 19:19	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
08/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 20:19	Wind Speed and Direction:Moderate Breeze, NW; Visibility: Good (>2km); Cloud Height: >500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	

Table 13: Red-throated Diver Survey

Date	Season	Survey Method	VP/Transect/Quadrat/ Area Number	Survey Duration	Weather Conditions	Comments
09/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 06:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 07:00	Wind Speed and Direction:Gentle Breeze, W; Visibility: Good (>2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	
09/08/2016	Breeding	Red-throated Diver Survey	1	01:00 starting at 08:00	Wind Speed and Direction:Moderate Breeze, W; Visibility: Moderate (1-2km); Cloud Height: 150-500m; Cloud Cover %: 66-100 Rain: None; Frost: None ; Snow: None	