Offshore Wind Power Limited

West of Orkney Windfarm Onshore EIA Report

Volume 2, Supporting Study 8: Terrestrial Ornithology Technical Survey Report

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West of Orkney Windfarm

West of Orkney Windfarm Onshore EIA Supporting Study 8: Terrestrial Ornithology Technical Survey Report

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1 Introduction

This technical supporting study report presents the following information in support of chapter 11: Terrestrial Ornithology of the West of Orkney Windfarm Onshore Environmental Impact Assessment (EIA) Report.

- Survey Methodology: the methodology employed by Caledonian Conservation Ltd between March 2022 to May 2023 in order to provide baseline information on the terrestrial ornithology interests within the onshore Project area and surroundings;
- Existing records: a summary of records of sensitive ornithological features (i.e. sites, and species that are afforded special protection and/or are of conservation concern) were received through data requests as part of the desk study;
- Results from the surveys outlined above;
- Limitations: all deviations from guidance due to weather, access restrictions, and project refinements are discussed and justified; and
- References.

This technical report is supported by Supporting Study 9: Terrestrial Ornithology Confidential Annex which is provided separately.

2 Survey Methodology

The following sections provide detailed descriptions of survey methods followed, and limitations. The survey work included:

- A Desk Study;
- Breeding Bird Survey;
- Breeding Raptor and Owl Surveys;
- Breeding Corncrake Survey;
- Breeding Diver Survey;
- Breeding Seabird Surveys;
- Winter Bird Survey;
- Wetland Bird Survey; and
- Goose and Swan Survey.

2.1 Desk Study

A detailed desk study of the existing literature and data relating to terrestrial ornithology was undertaken within the onshore Project area, Figure 11-1 (chapter 11: Terrestrial ornithology). As part of this desk study, requests for ornithological data recorded within 2 km of the onshore Project area were made to organisations on 22nd March 2022. Additionally, data pertaining to eagle species recorded within 6 km of the onshore Project area was also requested from Highland Raptor Study Group (HRSG) on 25th May 2022. Relevant available digital datasets and published reports were also reviewed. The National Biodiversity Network (NBN) Atlas database was searched for ornithological records on 6th April 2022. Only records with licences allowing commercial use were included (Creative Commons License with attribution (CC-BY), Creative Commons No rights reserved licence (CCO), Open Government Licence (OGL)). The NBN Atlas also provides Creative Comms with attribution Non-Commercial (CC-BY-NC) data. CC-BY-NC data can only be used for non-commercial purposes and can therefore not be referenced by this report. This is not considered a notable constraint, as a range of organisations that hold specific data on protected species were contacted for data. Data requests for information were made to British Trust for Ornithology (BTO), Royal Society for the Protection of Birds (RSPB), Wildfowl and Wetlands Trust (WWT), HRSG, Scottish Ornithologists Club (SOC), NatureScot, Highland Biological Recording Group (HBRG) and Caithness Biodiversity Group. Only records from the past ten years were considered in this study, as older records are less likely to be an accurate reflection of the current baseline. Preliminary survey methods are detailed below.

In addition, a search of available datasets was made to identify any sites designated for ornithological features which may be affected by the project. Designated sites were considered where any part of the site fell within a 5 km buffer (for designations of national importance) or a 20 km buffer (for designations of international importance) of the data search area boundary.

2.2 Breeding Bird Survey

All survey methodologies were designed with reference to NatureScot (formerly known as Scottish Natural Heritage (SNH)) guidance (SNH, 2017).

2.2.1 Field Survey Methods

The terrestrial ornithology onshore study area is defined as the onshore Project area (see Figure 11-1 (Chapter 11: Terrestrial ornithology)) and an additional 'buffer area' encompassing the zone of influence (ZOI) over which terrestrial avian receptors may be affected. In addition, the breeding bird surveys were completed within target areas, as outlined in Figure 11-1 (Chapter 11: Terrestrial ornithology). The survey followed the modified Brown and Shepherd methodology (1993) recommended by NatureScot guidance and based on the methods detailed in Gilbert *et al.* (1998). This methodology was used to census upland breeding birds which use more open habitats within the terrestrial ornithology onshore study area. Four survey visits were made between April and July 2022, in line with NatureScot guidance (SNH, 2017) and Calladine *et al.* (2009). Each 500 m by 500 m quadrat of open land was surveyed for 20-25 minutes with all areas approached within 100 m. Details of bird behaviour was noted using standard BTO Common Bird Census (CBC) notation (Gilbert *et al.*, 1998).

The surveys focussed on breeding waders, in accordance with NatureScot guidance (SNH, 2017). However, all species seen or heard were recorded accurately onto 1:10,000 scale maps using BTO Countryside Bird Survey (CBS) codes. This allowed distinction between different species and between behaviours, particularly between behaviours indicative of breeding and those not related to breeding.

2.2.2 Territory Analysis

Territories were estimated by digitising the results of the four breeding bird survey visits, and analysing these in ArcGIS. Clusters of registrations of birds showing breeding behaviour on two or more visits were interpreted as a breeding territory. A map indicating the estimated number and location of the breeding territories was produced. Cuckoos (*Cuculus canorus*) are brood parasites, laying their eggs in the nests of other birds – particularly skylark (*Alauda arvensis*). As such, although there is evidence of cuckoos displaying breeding behaviour at the site, a territory analysis cannot be undertaken for this species.

2.3 Breeding Raptor and Owl Survey

Walkover and short vantage point surveys of targeted areas within the terrestrial ornithology onshore study area (onshore Project area plus 6 km buffer for eagles and 2 km for other species) for breeding raptor and owl species were carried out between March and July 2022. The surveys were used to establish whether protected raptors and owls were breeding within or close to the onshore Project area, following methodologies detailed in Hardey *et al.* (2013) and Barn Owl Trust (2001 and 2012). Targeted species were those listed as Annex I (EU Birds Directive) and Schedule 1 (Wildlife and Countryside Act).

Surveyors accessed the terrestrial ornithology onshore study area from public roads and public rights of way searching for field signs (e.g. pellets, pluck sites, kill sites, nests, egg fragments etc.) and undertook short vantage point surveys from areas of good visibility of suitable breeding habitats using magnification to aid the detection and identification of observed birds. High suitability habitat for breeding target species was visited at least twice during the breeding season to determine occupancy of territories.

All signs and observation were recorded on large scale maps (1:10,000 or 1:25,000 scale maps), using BTO notation. All surveys were undertaken by surveyors

operating as accredited agents under a valid Schedule 1 licence issued by NatureScot.

2.4 Breeding Corncrake Survey

Two visits were undertaken at night (00:00 to 03:00) between the end of May and June 2022 to survey for calling corncrake (*Crex crex*) in fields or other habitats with vegetation over 20 cm, within the known corncrake distribution of the onshore Project area (Gilbert *et al.,* 1998).

2.5 Breeding Diver Survey

All suitable breeding habitat within the onshore Project area was surveyed for breeding red-throated divers (*Gavia stellata*), following the standard survey methods detailed in Gilbert *et al.* (1998). All water bodies were visited on two occasions.

The first visit was undertaken between May and June, to detect occupancy of territories. Waterbodies were observed at distance using a telescope on the first visit, to avoid unnecessary disturbance at a sensitive early breeding stage.

The second visit was undertaken in July, with waterbodies observed at distance using a telescope for half an hour. During this time, all signs of breeding were noted (e.g. nest scrapes, incubating birds, chicks, eggshell fragments). If red-throated divers (*Gavia stellata*) were observed on the water, but no signs of breeding were detected, or if no target species were observed in the area, the entire shoreline was walked, looking for evidence of nest scrapes, hidden chicks, and eggshell fragments. Where no conclusive evidence was obtained during the survey of the shoreline, waterbodies would be surveyed from distance for a further hour.

As divers will not breed every year, when signs of breeding activity from previous years was observed (such as old nest scrapes, or eggshell fragments), the data was recorded to build a picture of historic use.

A third visit to check productivity was not considered necessary for the onshore Project area, as further survey visits would only cause additional disturbance and would not provide further data to inform the EIA Report or mitigation design.

2.6 Breeding Seabird Surveys

2.6.1 Tern

The shoreline of the terrestrial ornithology onshore study area was surveyed for breeding tern including common tern (*Sterna hirundo*) and arctic tern (*Sterna paradisaea*).

Counts of apparently occupied nest sites were carried out from May to August 2022. These surveys took place during the middle of the day to count incubating birds (Walsh *et al.,* 1995; Gilbert *et al.,* 1998; SNH, 2017).

2.6.2 Black Guillemot

The shoreline of the terrestrial ornithology onshore study area was surveyed for breeding black guillemots (*Cepphus grylle*).

Counts of adult plumage black guillemots that landed on land or the sea within 200 m of the shore were undertaken monthly from May to August 2022 between 05:00 and 08:00 in order to estimate the number of breeding birds (Walsh *et al.,* 1995; Gilbert *et al.,* 1998).

2.6.3 General

The shoreline of the terrestrial ornithology onshore study area was surveyed for all other breeding seabirds.

Monthly survey visits between May and August 2022 were undertaken to count apparently occupied nest sites for all other seabirds in order to estimate numbers of breeding birds. Surveys were undertaken during the middle of the day to count incubating seabird species (Walsh *et al.,* 1995; Gilbert *et al.,* 1998; SNH, 2017).

2.7 Winter Bird Surveys

All survey methodologies were designed with reference to NatureScot guidance (SNH, 2017).

2.7.1 Field Survey Methods

The wintering bird surveys were completed within the target areas, as outlined in Figure 11-1 (chapter 11: Terrestrial ornithology). The survey follows the modified Brown and Shepherd (1993) methodology recommended by NatureScot guidance and based upon the methods detailed in Gilbert *et al.* (1998). Three survey visits were made between September 2022 and February 2023, in line with NatureScot guidance (SNH, 2017). Each 500 m x 500 m quadrat of open land was surveyed for 20-25 minutes with all areas approached within 200 m.

Details of bird behaviour and all species seen or heard were recorded accurately onto 1:10,000 scale maps, using BTO CBC notation (Gilbert *et al.*, 1998). The purpose of the winter bird survey was to assess how birds use the onshore Project area and surrounding area during winter.

2.8 Wetland Bird Survey

Surveys followed the standard Wetland Bird Survey (WeBS) Core Counts method (Gilbert *et al*., 1998). All waders and wildfowl species using the shore within the onshore Project area and 500 m buffer were recorded. Counts were made using telescopes from vantage points, to avoid disturbance to birds. When birds moved during the count, this was recorded to avoid double counting. All counts were completed within a seven-hour period commencing 3.5 hours before the advertised time of low water and finishing 3.5 hours after low water.

The accuracy of counts was indicated for each survey visit, taking into account weather conditions and any other factors affecting the survey. Where a nil return occurred during a survey, an attempt to identify the cause was undertaken.

All signs and observations were recorded on 1:10,000 scale maps using standard BTO notation.

2.9 Goose and Swan Survey

A survey of foraging geese was undertaken during the winter of 2022/2023 to establish the number of geese foraging in the onshore Project area and surrounding buffer. The survey methodology involved driving the wider area and selecting vantage points to observe fields within at least 3 km of the proposed onshore export cable corridor (SNH, 2017). The terrestrial ornithology onshore study area exceeded the recommended 500 m (SNH, 2017) buffer area in order to provide a robust dataset to allow the assessment of effects on geese associated with Caithness Loch Special Protection Area (SPA), and to inform an appropriate assessment. Foraging

goose surveys were undertaken every two weeks between September 2022 and mid-May 2023.

Surveys were undertaken as short vantage point surveys from areas offering good visibility of suitable foraging using magnification to aid the detection and identification of birds observed.

All signs and observations were recorded on 1:10,000 scale maps using standard BTO notation.

3 Survey Results

3.1 Desk Study

The results of the terrestrial ornithology desked-based study are discussed in detail below.

3.1.1 Data Search

Data was supplied by:

- BTO;
- RSPB;
- HBRG;
- HRSG; and
- NatureScot.

Data held by Caledonian Conservation Ltd was also used in the desk study.

The HRSG confirmed that, while their data search returned no records of breeding schedule 1 raptors within the search area, the location is rarely surveyed by HRSG members and therefore the negative response does not confirm absence of breeding schedule 1 raptors in the search area.

BTO provided a report summarising species associated with the data search area and the importance of the site at various spatial scales. This report is informed by data from the 2007-2011 Bird Atlas and BirdTrack and Breeding Bird Survey data from the last five years.

3.1.2 Desk Study Results

BTO data included records of 162 bird species recorded during the breeding season between the years of 2018 and 2022. This includes 22 Annex I species, 27 Schedule 1 species and 44 Birds of Conservation Concern (BoCC) Red listed species. Based on 2007-2011 records, 129 bird species likely breed within the data search area and 133 species use the area in winter.

Based on the 2007-2011 Bird Atlas data, the site supports 0% to 8.3% of the geographic range and 0% to 14% of the total population size of bird species in the United Kingdom (UK), Isle of Man and Channel Islands. BTO considers a species notable when the site accounts for at least 2% of the geographic range in the UK. Species found to be notable within the data search area include:

- Breeding (range): whooper swan (*Cygnus cygnus*) (2.4%), common scoter (*Melanitta nigra*) (8.3%) and whimbrel (*Numenius phaeopus*) (2.4%);
- Winter (range): storm petrel (*Hydrobates pelagicus*) (2.2%);
- Breeding (population size): wigeon (*Anas penelope*) (3.9%), common scoter (14%), osprey (*Pandion haliaetus*) (2.2%) and long-eared owl (*Asio otus*) (2.3%); and
- Winter (population size): purple sandpiper (*Calidris maritima*) (2%), glaucous gull (*Larus hyperboreus*) (3%), Iceland gull (*Larus glaucoides*) (3.4%), little auk

(*Alle alle*) (3.6%), common redpoll (*Acanthis flammea*) (7%) and snow bunting (*Plectrophenax nivalis*) (5.2%).

3.1.2.1 Raptor and Owls

Barn owl (*Tyto alba*) has been recorded within the data search area during the breeding and winter seasons, including one apparently occupied territory between the years 2013 and 2019 (Seven RSPB records and three BTO records). BTO data also confirmed that there is a breeding population of barn owl within the data search area. Barn owl are protected under Schedule 1 of the WCA 1981 (as amended) and are listed on the Scottish Biodiversity List (SBL).

Golden eagle (*Aquila chrysaetos*) has been recorded within the data search area (one record based on RSPB data). HRSG are not aware of any breeding territories of golden eagle within the search area. Golden eagle are protected under Schedule 1 of the WCA 1981 (as amended) and are listed on the SBL, as well as being a Local Biodiversity Action Plan (LBAP) priority species.

Hen harrier (*Circus cyaneus*) has been recorded 28 times within the data search area with several records indicating potential breeding and suitable breeding habitat (based on RSPB and BTO records). BTO data confirms that this species may overwinter in the area. Hen harrier are protected under Schedule 1 of the WCA 1981 (as amended) and are listed as Red on the BoCC. In addition, this species is listed on the SBL and is an LBAP priority species.

Kestrel (*Falco tinnunculus*) has been recorded 28 times within the data search area (based on RSPB and BTO records). Records include one instance of confirmed breeding and several other instances of potential breeding, with suitable breeding habitat being present within the data search area. BTO data has also confirmed that this species breeds and overwinters within the data search area. Kestrel is listed as Amber on the BoCC and listed on the SBL.

Merlin (*Falco columbarius*) has been recorded within the data search area, based on RSPB and BTO records (four RSPB records and two BTO records), as well as BTO data confirming breeding within the data search area. BTO data also confirms that merlin overwinter in the area. Merlin are protected under Annex I of the Birds Directive, Schedule 1 of the WCA 1981 (as amended) and is listed as Red on the BoCC. In addition, this species is listed on the SBL and is an LBAP priority species.

Nine records of osprey were found within the data search based on RSPB data. BTO data also indicates osprey breed within the data search area. Osprey are protected under Annex I of the Birds Directive, Schedule 1 of the WCA 1981 (as amended), are listed as Amber on the BoCC and listed on the SBL.

Peregrine (*Falco peregrinus*) has been recorded within the data search area (based on three RSPB records). RSPB records and BTO data confirm that peregrine breed and overwinter within the data search area. Peregrine are protected under Annex I of the Birds Directive, Schedule 1 of the WCA 1981 (as amended) and are listed on the SBL, as well as being an LBAP priority species.

One record of red kite (*Milvus milvus*) was found within the data search area (based on RSPB records). Suitable breeding habitat for this species can be found within the data search area. Red kite is protected under Schedule 1 of the WCA 1981 (as amended) and are listed on the SBL, as well as being an LBAP priority species.

Short-eared owl (*Asio flammeus*) have been recorded within the data search area (based on 11 RSPB records and one BTO record). BTO data confirms that this species breeds and overwinters within the data search area. Short-eared owl are

protected under Annex I of the Birds Directive and are listed as Amber on the BoCC. In addition, this species is listed on the SBL.

Ten records of sparrowhawk (*Accipiter nisus*) were found within the data search area (based on RSPB and BTO records). These records and BTO data confirm sparrowhawk breed and overwinter within the data search area. They are listed as Amber on the BoCC.

Tawny owl (*Strix aluco*) has been recorded within the data search area (based on one RSPB record). BTO data confirms that this species breeds and overwinters within the data search area. They are listed as Amber on the BoCC.

Three records of white-tailed eagle (*Haliaeetus albicilla*) were recorded within the data search area (based on RSPB records) but not within the onshore Project area. BTO data indicates that white-tailed eagle breeds and over-winters within the data search area. White-tailed eagle are protected under Annex I of the Birds Directive, Schedule 1 of the WCA 1981 (as amended) and are listed as Amber on the BoCC. In addition, this species is listed on the SBL and is an LBAP priority species.

The BTO data indicates that long-eared owl breed within the data search area and marsh harrier (*Circus aeruginosus*) (Annex I of Birds Directive, Schedule 1 of the WCA 1981 (as amended), Amber listed on the BoCC and listed on the SBL) and honey-buzzard (*Pernis apivorus*) (Annex I of Birds Directive, Schedule 1 of the WCA 1981 (as amended), Amber listed on the BoCC and listed on the SBL) may be present and breeding.

3.1.2.2 Wildfowl

Greenland white-fronted geese (*Answer albifrons*) have been recorded within the data search area 33 times (based on RSPB data). This species is known to overwinter in the area (based on BTO data). Greenland white-fronted goose is listed as Red on the BoCC and listed on the SBL, as well as being an LBAP priority species.

Greylag geese (*Anser anser*) are recorded throughout the data search area (225 RSPB records and 13 BTO records). Most records related to overwintering greylag geese either foraging or roosting, but this species is also known to breed in the area, with 16 RSPB records indicating possible breeding within the data search area and BTO data confirming breeding activity. Greylag geese are Amber listed on the BoCC.

Whooper swan are recorded within the data search area (94 RSPB records and 11 BTO records). The data search area is used by non-breeding (over-wintering) whooper swan but RSPB and BTO data also indicate that this species could also breed in the area. This species is protected under Annex I of the Birds Directive and Schedule 1 of the WCA 1981 (as amended). They are Amber listed on the BoCC and listed on the SBL.

Pink-footed geese (*Anser brachyrhynchus*) are recorded within the data search area (60 RSPB records and five BTO records). RSPB and BTO data indicate that this species over-winters within the area where both foraging and roosting habitat is present but that they may also breed within the data search area. They are Amber listed on the BoCC.

One record of an over-wintering barnacle goose (*Branta leucopsis*) and another of an over-wintering brent goose (*Branta bernicla*) was recorded (based on RSPB records). These species have also been confirmed as over-wintering by BTO data. Barnacle goose are Amber listed on the BoCC, is listed on the SBL and is protected under

Annex I of the Birds Directive but is also listed under Schedule 9 of the WCA 1981 (as amended) as an invasive species. Brent goose are Amber listed on the BoCC.

Quail (*Coturnix Coturnix*) are likely to breed within the data search area (BTO data and two RSPB records). This species is protected under Schedule 1 of the WCA (as amended) and are Amber listed on the BoCC.

3.1.2.3 Waders and Corncrake

Corncrake has been recorded within the data search area (based on one RSPB record). BTO data indicate that this species may breed within the data search area. Corncrake is protected under Annex I of the Birds Directive and Schedule 1 of the WCA (as amended). They are Red listed on the BoCC is listed on the SBL, as well as being an LBAP priority species.

Black-tailed godwit (*Limosa limosa*) has been recorded once within the data search area (based on RSPB records). BTO data suggests this species may breed and over-winter in the area. Black-tailed godwit is protected under the Schedule 1 of the WCA (as amended), is listed as Red on the BoCC and listed on the SBL.

Dunlin (*Calidris alpina)* has been recorded within the data search area (27 RSPB records and three BTO records). BTO data also confirmed that this species breeds and over-winters in the area. This species is protected under Annex I of the Birds Annex, is listed as Red on the BoCC, and listed on the SBL, as well as being an LBAP priority species.

Golden plover (*Pluvialis apricaria*) has been recorded 97 times within the data search area with evidence of both breeding and non-breeding populations of this species (based on RSPB and BTO records). This species is protected under Annex I of the Birds Directive and is listed on the SBL, as well as being an LBAP priority species.

Greenshank (*Tringa nebularia*) is present and likely to breed within the data search area (64 RSPB records and one BTO record). BTO data indicates that this species breeds and over-winters in the area. This species is protected under Schedule 1 of the WCA (as amended) and is listed as Amber on the BoCC, as well as being an LBAP priority species.

Whimbrel has been recorded once within the data search area (based on RSPB records). BTO data suggest that this species may breed and overwinter in the area. Whimbrel are protected under Schedule 1 of the WCA (as amended) and is listed as Red on the BoCC.

Wood sandpiper (*Tringa glareola*) has been recorded within the data search area (13 RSPB records). BTO data also indicates that this species breeds in the area. This species is protected under Annex I of the Birds Directive, Schedule 1 of the WCA (as amended), listed as Amber on the BoCC, and is listed on the SBL, as well as being an LBAP priority species.

Species with designations but which are not protected under the Birds Directive or WCA 1981 are summarised in Table 1 below. Note, BTO data is not able to confirm if a species has been recorded on site.

Table 1. Wader species recorded from the data search area.

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Common sandpiper (*Actitis hypoleucos*)	RSPB (33 records), BTO (nine records)	Confirmed	Yes	
Curlew (*Numenius arquata*)	RSPB (804 records), BTO (35 records)	Confirmed	Yes	**SBL, LBAP**
Lapwing (*Vanellus vanellus*)	RSPB (1,116 records), BTO (35 records)	Confirmed	Yes	**SBL, LBAP**
Oystercatcher (*Haematopus ostralegus*)	RSPB (399 records), BTO (27 records)	Confirmed	Yes	**LBAP**
Redshank (*Tringa tetanus*)	RSPB (251 records), BTO (18 records)	Confirmed	Yes	**LBAP**
Ringed plover (*Charadrius hiaticula*)	BTO (two records)	Unknown	Yes	
Snipe (*Gallinago gallinago*)	RSPB (880 records), BTO (25 records)	Confirmed	Yes	**LBAP**
Spotted crake (*Porzana porzana*)	RSPB (18 records)	Possible	Yes	**SBL**
Turnstone (*Arenaria interpres*)	BTO (one record)	Possible	Yes	
Woodcock (*Scolopax rusticola*)	RSPB (four records)	Confirmed	Yes	**SBL**

Key
SBL = Scottish Biodiversity List

LBAP = Local Biodiversity Action Plan priority species

Colours indicate whether species is Green, Amber or Red listed in Birds of Conservation Concern 5 (Stanbury et al., 2021).

3.1.2.4 Passerines

A non-breeding population of brambling (*Fringilla montifringilla*) was recorded during the data search (based on BTO data and 25 BTO records). Brambling is protected under Schedule 1 of the WCA (as amended) and is listed on the SBL.

BTO data indicates common crossbill (*Loxia curvirostra*) may winter and breed in the data search area. This species is protected under Schedule 1 of the WCA (as amended).

Four record of fieldfare (*Turdus pilaris*) was recorded during the data search (based on RSPB records). BTO data also confirms that this species is present within the data search area. BTO data indicates that this species may breed and winter in the area. Fieldfare are protected under Schedule 1 of the WCA (as amended) and are listed as Red on the BoCC.

BTO data indicate kingfisher (*Alcedo atthis*) was recorded within the data search area. This species is protected under Annex 1 of the Birds Directive and Schedule 1 of the WCA (as amended). They are also listed on the SBL.

Based on BTO data, Lapland bunting (*Calcarius lapponicus*) are within the data search area. This species is protected under Schedule 1 of the WCA (as amended) and is listed as Amber on the BoCC.

BTO data indicate marsh warbler (*Acrocephalus palustris*) could breed within the data search area. This species is protected under Schedule 1 of the WCA (as amended) and is listed as Red on the BoCC.

Redwing (*Turdus iliacus*) was recorded within the data search area (based on six RSPB records and one BTO record). This species has also been confirmed to be present within the area by BTO data. Redwing winter and may breed in the area. This species is protected under Schedule 1 of the WCA (as amended), is listed as Amber on the BoCC and is listed on the SBL.

BTO data indicates that snow bunting is present within the data search area, both during the breeding and non-breeding season. This species is protected under Schedule 1 of the WCA (as amended), is listed as Amber on the BoCC and is listed on the SBL.

Species with designations but which are not protected under the Birds Directive or WCA 1981 are summarised in Table 2 below. Note, BTO data is not able to confirm if a species has been recorded on site.

Table 2. Bird species recorded from the data search area.

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Bullfinch (*Pyrrhula pyrrhula*)	RSPB (one record), BTO (23 records)	Confirmed	Yes	**SBL**
Common redpoll	RSPB (five records), BTO (17 records)	Confirmed	Yes	
Cuckoo	RSPB (23 records), BTO (2 records)	Probable	No	**SBL**
Dipper (*Cinclus cinclus*)	RSPB (one record), BTO data	Probable	Yes	
Dunnock (*Prunella modularis*)	RSPB (one record), BTO (196 records)	Probable	Yes	
Grasshopper warbler (*Locustella naevia*)	RSPB (22 records), BTO (three records)	Probable	No	**SBL**
Greenfinch (*Chloris chloris*)	RSPB (one record), BTO (264 records)	Confirmed	Yes	

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Grey wagtail (*Motacilla cinerea*)	RSPB (seven records), BTO (four records)	Confirmed	Yes	
Hawfinch (*Coccothraustes coccothraustes*)	BTO data	No	Yes	**SBL**
Hooded crow (*Corvus cornix*)	RSPB (58 records), BTO (12 records)	Confirmed	Yes	**SBL**
House martin (*Delichon urbicum*)	RSPB (five records), BTO (one record)	Confirmed	Yes	
House sparrow (*Passer domesticus*)	RSPB (62 records), BTO (64 records)	Confirmed	Yes	**SBL**
Lesser redpoll (*Acanthis cabaret*)	RSPB (47 records), BTO (201 records)	Probable	Yes	**SBL**
Linnet (*Linaria cannabina*)	RSPB (16 records), BTO (six records)	Probable	Yes	**SBL**
Meadow pipit (*Anthus pratensis*)	RSPB (14 records), BTO (57 records)	Confirmed	Yes	
Mistle thrush (*Turdus viscivorus*)	RSPB (seven records), BTO data	Confirmed	Yes	
Pied flycatcher (*Ficedula hypoleuca*)	BTO (one record)	Possible	No	
Redstart (*Phoenicurus phoenicurus*)	BTO (two records)	Probable	No	
Reed bunting (*Emberiza schoeniclus*)	RSPB (470 records), BTO (61 records)	Confirmed	Yes	**SBL**
Ring Ouzel (*Turdus torquatus*)	BTO data	No	Yes	**SBL, LBAP**
Rook (*Corvus frugilegus*)	RSPB (123 records), BTO (18 records)	Confirmed	Yes	
Sedge warbler (*Acrocephalus schoenobaenu*)	RSPB (324 records), BTO (71 records)	Confirmed	No	
Siskin (*Carduelis spinus*)	RSPB (three records), BTO (373 records)	Confirmed	Yes	**SBL**
Skylark	RSPB (16 records), BTO (32 records)	Confirmed	Yes	**SBL**

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Song thrush (*Turdus philomelos*)	RSPB (10 records), BTO (28 records)	Confirmed	Yes	**SBL**
Spotted flycatcher (*Muscicapa striata*)	BTO (eight records)	Possible	No	**SBL**
Starling (*Sturnus vulgaris*)	RSPB (156 records), BTO (49 records)	Confirmed	Yes	**SBL**
Stock dove (*Columba oenas*)	BTO data	No	No	
Swift (*Apus apus*)	RSPB (three records), BTO three records)	Probable	No	**SBL, LBAP**
Tree pipit (*Anthus trivialis*)	BTO data	No	No	**SBL**
Tree sparrow (*Passer montanus*)	BTO data	Confirmed	Yes	**SBL**
Turtle dove (*Streptopelia turtur*)	RSPB (one record), BTO data	Possible	No	**SBL**
Twite (*Linaria flavirostris*)	RSPB (four records), BTO data	Probable	Yes	**SBL**
Wheatear (*Oenanthe Oenanthe*)	RSPB (86 records), BTO (ls1 record)	Confirmed	Yes	
Whinchat (*Saxicola rubetra*)	RSPB (one record), BTO data	Confirmed	No	
Whitethroat (*Curruca communis*)	BTO data	Possible	No	
Willow warbler (*Phylloscopus trochilus*)	RSPB (48 records), BTO (89 records)	Confirmed	No	
Wood warbler (*Phylloscopus sibilatrix*)	RSPB (one record), BTO data	Possible	No	**SBL**
Woodpigeon (*Columba palumbus*)	RSPB (55 records), BTO (23 records)	Confirmed	Yes	
Wren (*Troglodytes troglodytes*)	RSPB (28 records), BTO (141 records)	Probable	Yes	
Yellowhammer (*Emberiza citronella*)	RSPB (7 records), BTO (one record)	Probable	Yes	**SBL**
Yellow wagtail (*Motacilla flava*)	BTO data	No	No	**SBL**

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Key *SBL = Scottish Biodiversity List* *LBAP = Local Biodiversity Action Plan priority species* *Colours indicate whether species is Green, Amber or Red listed in Birds of Conservation Concern 5 (Stanbury et al., 2021).*				

3.1.2.5 Seabirds and seaducks

BTO data indicates that Arctic tern (*Sterna paradisaea*) is likely to breed within the data search area. In addition to this, three records of Arctic tern were found within the data search area (BTO records). This species is protected under Annex I of the Birds Directive, is listed as Amber on the BoCC and is listed on the SBL, as well as being an LBAP priority species.

Common scoter was recorded within the data search area (two records based on RSPB data). Along with BTO data, this species is thought to breed and over-winter within the area. Common scoter is protected under Schedule 1 of the WCA (as amended), is a priority species on the SBL and is listed as Red on the BoCC, as well as being an LBAP priority species.

Common tern (*Sterna hirundo*) has been confirmed as breeding within the data search area (based on BTO data and two BTO records). This species is protected under Annex I of the Birds Directive and is listed as Amber on the BoCC, as well as being an LBAP priority species.

BTO data confirmed that Leach's petrel (*Hydrobates leucorhous*) can be found within the data search area. This species is protected under Annex I of the Birds Directive and Schedule 1 of the WCA (as amended). Leach's petrel is also a priority species on the SBL and is listed as Red on the BoCC.

Little gull (*Hydrocoloeus minutus*) has been found within the data search area (based on BTO data). This species is protected under Annex I of the Birds Directive and Schedule 1 of the WCA (as amended).

BTO data indicates that long-tailed duck (*Clangula hyemalis*) can be found over-wintering within the data search area. This species is protected under Schedule 1 of the WCA (as amended) and is listed as Red on the BoCC.

Mediterranean gull (*Larus melanocephalus*) can be found within the data search area (based on BTO data). This species is protected under Annex I of the Birds Directive, and Schedule 1 of the WCA (as amended) and is listed as Amber on the BoCC.

BTO data suggested that red-necked phalarope (*Phalaropus lobatus*) may breed within the data search. This species is protected under Annex I of the Birds Directive and Schedule 1 of the WCA (as amended). They are listed as Red on the BoCC.

Sandwich tern (*Sterna sandvicensis*) is likely to be within the data search area (based on BTO data). This species is protected under Annex I of the Birds Directive, is listed as Amber on the BoCC and is listed on the SBL.

BTO data indicated that Scaup (*Aythya marila*) is likely to be within the data search area. This species is protected under Schedule 1 of the WCA (as amended). They are listed as Red on the BoCC and listed on the SBL.

Storm petrel (*Hydrobates pelagicus*) is likely to be within the data search area during the breeding season (based on BTO data). This species is protected under Annex I of the Birds Directive and is listed as Amber on the BoCC.

BTO data indicates that velvet scoter (*Melanitta fusca*) is likely to be within the data search area. This species is protected under Schedule 1 of the WCA (as amended) and are listed as Red on the BoCC.

Species with designations but which are not protected under the Birds Directive or WCA are summarised in Table 3 below. Note, BTO data is not able to confirm if a species has been recorded on site.

Table 3. Seabird and duck species recorded from the data search area.

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Arctic skua (*Stercorarius parasiticus*)	BTO data	Probable	Yes	**SBL**
Black guillemot	BTO data	Possible	Yes	
Black-headed gull (*Chroicocephalus ridibundus*)	RSPB (one record), BTO (five records)	Possible	Yes	**SBL**
Common gull (*Larus canus*)	RSPB (144 records), BTO (34 records)	Confirmed	Yes	
Eider (*Somateria mollissima*)	BTO (one record)	Confirmed	Yes	
Fulmar (*Fulmarus glacialis*)	BTO data	Confirmed	Yes	
Gannet (*Morus bassanus*)	BTO data	No	Yes	
Glaucous gull	RSPB (one record), BTO (one record)	Possible	Yes	
Goldeneye (*Bucephala clangula*)	RSPB (five records), BTO (three records)	Probable	Yes	
Great black-backed gull (*Larus marinus*)	RSPB (42 records), BTO (13 records)	Probable	Yes	
Great skua (*Stercorarius skua*)	BTO data	Yes	Yes	
Guillemot (*Uria aalge*)	BTO (two records)	No	Yes	
Herring gull (*Larus argentatus)*	RSPB (73 records), BTO (19 records)	Confirmed	Yes	**SBL**
Iceland gull (*Larus glaucoides*)	BTO (six records)	No	Yes	
Kittiwake (*Rissa tridactyla*)	BTO data	Confirmed	Yes	

Species	Data Provider(s)	Breeding	Wintering	Conservation Status
Lesser black-backed gull (*Larus fuscus*)	RSPB (17 records), BTO (one record)	Confirmed	Yes	
Mallard (*Anas platyrhynchos*)	RSPB (184 records), BTO (53 records)	Confirmed	Yes	
Manx shearwater (*Puffinus puffinus*)	BTO data	No	Yes	**SBL**
Pintail (*Anas acuta*)	BTO data	Confirmed	Yes	
Pochard (*Aythya farina*)	BTO data	No	Yes	**SBL**
Puffin (*Fratercula arctica*)	BTO data	Confirmed	Yes	
Razorbill (*Alca torda*)	BTO data	Confirmed	No	
Red-breasted merganser (*Mergus serrator*)	RSPB (one record), BTO (two records)	Probable	Yes	
Shag (*Gulosus aristotelis*)	BTO (two records)	Probable	Yes	
Shelduck (*Tadorna tadorna*)	BTO data	Probable	Yes	
Shoveler (*Anas clypeata*)	RSPB (eight records), BTO data	Confirmed	Yes	
Teal *(Anas crecca*)	RSPB (62 records), BTO (15 records)	Confirmed	Yes	
Wigeon	RSPB (26 records), BTO (21 records)	Probable	Yes	

Key

SBL = Scottish Biodiversity List

LBAP = Local Biodiversity Action Plan priority species

Colours indicate whether species is Green, Amber or Red listed in Birds of Conservation Concern 5 (Stanbury et al., 2021).

3.1.2.6 Divers

Red-throated diver was recorded within the data search area (one record based on RSPB data). BTO data also confirms that this species may breed and winter within the area. Red-throated diver is protected under Annex 1 of the Birds Directive, Schedule 1 of the WCA (as amended) and is listed on the SBL, as well as being an LBAP priority species.

Black-throated diver (*Gavia arctica*) is present and likely breeds and winters within the data search area (based on BTO data). This species is protected under Annex I of the Birds Directive, Schedule 1 of the WCA (as amended). They are listed as Amber on the BoCC and are listed on the SBL, as well as being an LBAP priority species.

Great northern diver (*Gavia immer*) is present and winters within the data search area (based on BTO data). This species is protected under Annex I of the Birds Directive, Schedule 1 of the WCA (as amended), is listed as Amber on the BoCC and is listed on the SBL.

3.1.3 Designated Sites

A search of available digital datasets indicates that there are five statutory designations of international importance relating to ornithological features within 20 km of the data search area (Caithness Lochs SPA and Ramsar and Caithness and Sutherland Peatlands SPA and Ramsar site, and North Caithness Cliffs SPA). None of the statutory designated site of international importance fall within the onshore Project area.

There are four designations of national importance relating to ornithological features within 5 km of the data search area (Loch Calder Sites of Special Scientific Interest (SSSI), Broubster Leans SSSI, Loch Scarmclate SSSI and Red Point Coast SSSI).

Table 4 provides details of statutory designations relating to ornithological features of international importance (SPAs and Ramsar sites) within 20 km and those of national importance (SSSIs) within 5 km of the data search area. Maps showing the SPAs and Ramsars within 20 km and SSSIs within 5 km of the site can be found in Figure 11-2 (chapter 11: Terrestrial ornithology). Full citations for statutory designated sites can be requested from Caledonian Conservation Ltd. or can be obtained at https://sitelink.nature.scot/home.

Table 4. Designated Sites Relevant to Terrestrial Ornithology

Designation	Site name	Distance (km)	Comments
SPA	North Caithness Cliffs	1.4 km Northeast	Internationally important breeding populations of: • Fulmar • Guillemot • Kittiwake • Peregrine • Puffin • Razorbill Supports an internationally important breeding seabird assemblage.
SPA	Caithness Lochs	1.6 km West	Includes six lochs for internationally important populations of the following wintering (non-breeding) bird species: • Greenland white-fronted goose • Greylag goose • Whooper swan
Ramsar	Caithness Lochs	1.6 km West	Includes six lochs for internationally important populations of the following wintering (non-breeding) bird species: • Greenland white-fronted goose • Greylag goose • Whooper swan
SSSI	Loch Calder	1.6 km West	Nationally important populations of the following wintering (non-breeding) bird species: • Greenland white-fronted goose • Greylag goose • Whooper swan

Designation	Site name	Distance (km)	Comments
			Loch Calder SSSI is also part of Caithness Lochs SPA. See relevant entry in table for more information on this designated site.
SSSI	Broubster Leans	2.8 km Southwest	Support a nationally important breeding bird assemblage, including species of wildfowl and waders, such as: • Wigeon • Snipe • Teal • Greenshank • Dunlin • Wood sandpiper • Spotted crake Important foraging area for the following species: • Hen harrier • Short-eared owl Broubster Leans SSSI is also part of Caithness Lochs SPA. See relevant entry in table for more information on this designated site.
SSSI	Loch Scarmclate	3.1 km East	Supports nationally important overwintering (non-breeding) population of greylag geese. Loch Scarmclate SSSI is also part of Caithness Lochs SPA. See relevant entry in table for more information on this designated site.
SSSI	Red Point Coast	4.6 km West	Supports nationally important population of breeding seabirds including a nationally important breeding population of guillemot. Red Pont Coast SSSI is part of the North Caithness Cliffs SPA. See relevant entry in table for more information this designated site.
SPA	Caithness and Sutherland Peatlands	5.4 km Southeast	Supports internationally important populations of the following bird species: • Black-throated diver • Common Scoter

Designation	Site name	Distance (km)	Comments
			• Dunlin • Golden eagle • Golden plover • Greenshank • Hen harrier • Merlin • Red-throated diver • Short-eared owl • Wigeon • Wood sandpiper
Ramsar	Caithness and Sutherland Peatlands	5.4 km Southeast	Supports internationally important populations of the following bird species: • Black-throated diver • Common scoter • Dunlin • Golden plover • Greenshank • Red throated diver • Wigeon • Wood sandpiper • Greylag goose (breeding)

3.2 Breeding Bird Survey

Table 5 provides a full species list based upon the results of the breeding bird survey of 2022. The table also indicates whether the bird is listed on Schedules 1, 1A, or A1 of the WCA (as amended), included on the SBL, and/or Red or Amber on the BoCC list. Species are listed in alphabetical order rather than taxonomic order for convenience. In total, 101 bird species were identified during the breeding bird surveys. Eight of these species were listed on Schedule 1 of the WCA 1981 (as amended). Additionally, 31 species are included on the SBL, 12 are LBAP priority species, 24 Red Listed, and a further 38 species are Amber listed on the BoCC list.

Recordings of birds exhibiting breeding behaviour (e.g. singing, alarm calling or carrying nest material) were analysed to produce an estimated number of breeding territories. If birds of the same species were observed to display breeding behaviour during two or more separate visits within close proximity (dependent on species), then this was considered to indicate breeding, and the presence of a territory. Of the 101 bird species recorded, 44 species were confirmed to be breeding, with at least one territory recorded within the onshore study area; 34 of which were located within the onshore Project area.

All estimated breeding territories are shown in Table 5. The table indicates which figure shows species specific records and territories (if any).

Table 5. Onshore terrestrial ornithology breeding bird survey results.

Species	Conservation Status	Breeding	Estimated Territories (within onshore study area)	Estimated Territories (within onshore Project area)	Figure[1]
Arctic tern	**SBL, LBAP**	No	-	-	-
Barn owl	**Schedule 1, SBL**	No	-	-	-
Blackbird (*Turdus merula)*		Yes	15	7	11-7c
Blackcap (*Sylvia atricapilla*)		Yes	3	1	11-7c
Black-headed gull	**SBL**	No	-	-	-
Blue tit (*Cyanistes caeruleus*)		Yes	2	0	11-7c
Brent goose		No	-	-	-
Buzzard (*Buteo buteo)*		No	-	-	-
Carrion crow (*Corvus corone*)		Yes	1	1	11-7c
Chaffinch (*Fringilla coelebs*)		Yes	15	3	11-7c
Chiffchaff (*Phylloscopus collybita*)		Possible	-	-	-
Coal tit (*Periparus ater*)		Yes	1	1	11-7c
Collared dove (*Streptopelia decaocto*)		No	-	-	-
Common gull		Yes	1	1	11-5
Common sandpiper		No	-	-	-

[1] See chapter 11: Terrestrial ornithology for figures.

Species	Conservation Status	Breeding	Estimated Territories (within onshore study area)	Estimated Territories (within onshore Project area)	Figure[1]
Cormorant (*Phalacrocorax carbo*)		No	-	-	-
Cuckoo	**SBL**	Yes	-	-	-
Curlew	**SBL, LBAP**	Yes	20	11	11-4
Dunnock		Yes	3	1	11-7c
Eider		No	-	-	-
Feral pigeon (*Columba livia*)		No	-	-	-
Fulmar		No	-	-	-
Garden warbler (*Sylvia borin*)		Possible	-	-	-
Goldcrest (*Regulus regulus*)		Yes	2	1	11-7c
Golden pheasant (*Chrysolophus pictus*)	**Introduced Species**	No	-	-	-
Golden plover	**SBL, LBAP**	No	-	-	11-8
Goldfinch (*Carduelis carduelis*)		Yes	4	2	11-7c
Grasshopper warbler	**SBL**	Possible	-	-	-
Great black-backed gull		No	-	-	-
Great tit (*Parus major*)		Yes	1	1	11-7c
Greenfinch (*Chloris chloris*)		Possible	-	-	-
Greenshank	**Schedule 1, LBAP**	No	-	-	11-8
Grey wagtail		Possible	-	-	-
Greylag goose	**Schedule 1**	Yes	1	1	11-3
Hen harrier	**Schedule 1, Schedule 1A, SBL, LBAP**	No	-	-	11-10
Heron (*Ardea cinerea*)		No	-	-	-
Herring gull	**SBL**	No	-	-	-
Hooded crow	**SBL**	No	-	-	-
House martin		Yes	2	1	11-7c
House sparrow	**SBL**	Yes	1	0	11-7c
Jack snipe (*Lymnocryptes minimus*)		No	-	-	-
Jackdaw (*Coloeus monedula*)		Yes	3	2	11-7c
Jay (*Garrulus glandarius*)		No	-	-	-
Kestrel	**SBL**	No	-	-	-
Kittiwake		No	-	-	-
Lapwing	**SBL, LBAP**	Yes	8	5	11-4
Lesser black-backed gull		No	-	-	-
Lesser redpoll	**SBL**	Yes	5	3	11-7c
Linnet	**SBL**	Yes	14	9	11-7c
Little grebe (*Tachybaptus ruficollis*)		No	-	-	-

Species	Conservation Status	Breeding	Estimated Territories (within onshore study area)	Estimated Territories (within onshore Project area)	Figure[1]
Long-eared owl		No	-	-	-
Mallard		Yes	3	0	11-6b
Marsh tit (*Poecile palustris*)	**SBL**	No	-	-	-
Meadow pipit		Yes	68	24	11-7b
Merlin	**Schedule 1, SBL, LBAP**	No	-	-	11-12
Mistle thrush		Possible	-	-	-
Moorhen (*Gallinula chloropus*)		No	-	-	-
Osprey	**Schedule 1, SBL**	No	-	-	-
Oystercatcher	**LBAP**	Yes	4	1	11-4
Peregrine	**Schedule 1, SBL, LBAP**	No	-	-	11-13
Pheasant (*Phasianus colchicus*)	**Introduced Species**	Possible	-	-	-
Pied wagtail (*Motacilla alba*)		Yes	1	1	11-7d
Pink-footed goose		No	-	-	-
Puffin		No	-	-	-
Raven (*Corvus corax*)		No	-	-	-
Red grouse (*Lagopus lagopus*)	**SBL**	Yes	1	1	-
Redpoll		No	-	-	-
Redshank	**LBAP**	Possible	-	-	-
Reed bunting	**SBL**	Yes	14	5	11-7d
Ringed plover		Possible	-	-	-
Robin (*Erithacus rubecula*)		Yes	6	1	11-7d
Rock pipit (*Anthus petrosus*)		Possible	-	-	-
Rook		Yes	2	1	11-7d
Sand martin (*Riparia riparia*)		Yes	1	0	11-7d
Sedge warbler		Yes	14	10	11-7d
Short-eared owl	**SBL**	No	-	-	11-14
Shoveler		No	-	-	-
Siskin	**SBL**	Yes	1	0	11-7d
Skylark	**SBL**	Yes	227	94	11-7a
Snipe	**SBL**	Yes	10	10	11-4
Song thrush	**SBL**	Yes	9	5	11-7d
Sparrowhawk		Yes	1	0	11-9
Spotted flycatcher	**SBL**	No	-	-	-
Starling	**SBL**	Yes	1	0	11-7d
Stonechat (*Saxicola rubicola*)		Yes	6	4	11-7d
Tawny owl		No	-	-	-
Teal		Yes	3	1	11-6b
Treecreeper (*Certhia familiaris*)		Possible	-	-	-

Species	Conservation Status	Breeding	Estimated Territories (within onshore study area)	Estimated Territories (within onshore Project area)	Figure[1]
Tufted duck (*Aythya fuligula*)		Yes	1	0	11-6b
Twite	**SBL**	No	-	-	-
Water rail (*Rallus aquaticus*)		Possible	-	-	-
Wheatear		Yes	6	4	11-7d
White-tailed eagle	**Schedule 1, Schedule 1A, Schedule A1, SBL, LBAP**	No	-	-	11-11
Whitethroat		Possible	-	-	-
Wigeon		Yes	1	0	11-6a
Willow warbler		Yes	39	15	11-7d
Woodcock	**SBL**	Possible	-	-	-
Woodpigeon		Possible	-	-	-
Wren		Yes	43	21	11-7d
Yellowhammer	**SBL**	Yes	8	7	11-7d

Key

Schedule 1/1A/A1 = Listed under Schedule 1/1A/A1 of the WCA 1981 (as amended)

SBL = Scottish Biodiversity List

LBAP = Local Biodiversity Action Plan priority species

Colours indicate whether species is Green, Amber or Red listed in Birds of Conservation Concern 5 (Stanbury et al., 2021).

Yes = Breeding confirmed
No = Breeding not confirmed
Possible = Possible breeding, but breeding behaviour observed only during a single survey visit.

Table A1.1 provides details of breeding bird survey visits and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.3 Breeding Raptor and Owl Survey

Barn owl (Schedule 1 species) were confirmed to breed in the onshore study area – full details are included in Supporting Study 9: Terrestrial Ornithology Confidential Annex). No other Schedule 1 or A1 breeding raptor or owl species were found within the onshore study area. Osprey were confirmed to breed, but this was outwith the onshore study area (see Supporting Study 9: Terrestrial Ornithology Confidential Annex).

Hen harrier and white-tailed eagle (Schedule 1A species) were recorded overflying or foraging within the onshore study area (Figure 11-10 and 11-11 of chapter 11: Terrestrial ornithology). No breeding activity was confirmed for these species within the onshore study area.

Merlin, peregrine (Schedule 1 species) and short-eared owl (Annex I of the Birds Directive) were recorded overflying or foraging within the onshore study area, but only occasionally (Figure 11-12 to 11-14 of chapter 11: Terrestrial ornithology). Buzzard, kestrel, long-eared owl and tawny owl were recorded overflying and foraging within the onshore study area, but breeding was not confirmed for these species.

Details of the breeding raptor and owl surveys are shown in Figures 11-9, 11-10, 11-11, 11-12, 11-13 and 11-14 (chapter 11: Terrestrial ornithology).

Table A1.2 provides details of breeding raptor and owl survey visits and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.4 Breeding Corncrake Survey

No evidence of breeding corncrake was recorded during the breeding corncrake surveys. Table A1.3 provides details of breeding corncrake survey visits. Table A1.3 provides details of breeding raptor and owl survey visits and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.5 Breeding Diver Survey

No evidence of breeding divers was recorded during the breeding divers survey.

Table A1.4 provides details of breeding diver survey visits. Table A1.4 provides details of breeding diver survey visits and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.6 Breeding Seabird Surveys

Fulmar, kittiwake, and puffin were recorded occasionally during breeding seabird surveys, particularly at the coast. No breeding sites were found, and only puffin was recorded showing potential breeding behaviour – overflying the onshore Project area at the coast carrying food.

Arctic tern, cormorant, black-headed gull, common gull, herring gull, lesser black-backed gull, and eider were also occasionally recorded in the onshore study area. Of these, only common gull was found to breed. There was no other indication of breeding for any species.

Table A1.5 provides details of breeding seabird survey visits and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.7 Winter Bird Surveys

In total, 75 species of bird were recorded during the winter bird surveys (see Table 6), eight of which (fieldfare, green sandpiper (*Tringa ochropus*), greylag goose, goldeneye, hen harrier, merlin, redwing, and whooper swan) are protected under Schedule 1 of the Wildlife and Countryside Act, 1981. In addition, 23 species are Amber listed on the BoCC, 16 are Red listed on BoCC, 3 species are included in the SBL, and six are LBAP priority species.

Table 6 provides details of the birds recorded during the winter bird survey visits and table A1.6 in Appendix 1 provides survey details and weather data. Overall, survey visits were undertaken during optimum weather conditions.

Table 6. Onshore terrestrial ornithology winter bird survey results.

Species	Conservation Status	Count	Figure
Blackbird (*Turdus merula)*		74	11-15a
Blackcap (*Sylvia atricapilla*)		6	11-15a
Black-headed gull	**SBL**	3	11-15a
Blue tit (*Cyanistes caeruleus*)		14	11-15a
Buzzard (*Buteo buteo)*		15	11-15a
Carrion crow (*Corvus corone*)		22	11-15a
Chaffinch		33	11-15a

Species	Conservation Status	Count	Figure
Chiffchaff (*Phylloscopus collybita*)		1	11-15a
Coal tit (*Periparus ater*)		3	11-15a
Collared dove (*Streptopelia decaocto*)		6	11-15a
Common gull		16	11-15a
Cormorant		2	11-15a
Curlew	**SBL, LBAP**	12	11-15a
Dunnock		32	11-15a
Feral pigeon (*Columba livia*)		3	11-15b
Fieldfare	**Schedule 1**	12	11-15b
Goldcrest (*Regulus regulus*)		4	11-15b
Goldeneye	**Schedule 1.2**	2	11-15b
Golden pheasant (*Chrysolophus pictus*)	**Introduced Species**	2	11-15b
Golden plover	**SBL, LBAP**	2	11-15b
Goldfinch (*Carduelis carduelis*)		14	11-15b
Great black-backed gull		6	11-15b
Great tit (*Parus major*)		9	11-15b
Green sandpiper	**SBL Schedule 1**	2	11-15b
Greenfinch (*Chloris chloris*)		2	11-15b
Grey partridge		1	11-15d
Grey wagtail		1	11-15b
Greylag goose	**Schedule 1 (breeding populations in outer Hebrides, Caithness and Wester Ross only)**	10	11-15b
Hen harrier	**Schedule 1, Schedule 1A, SBL, LBAP**	5	11-15c
Heron (*Ardea cinerea*)		15	11-15b
Herring gull	**SBL**	13	11-15c
Hooded crow	**SBL**	17	11-15c
House sparrow	**SBL**	7	11-15c
Jack snipe (*Lymnocryptes minimus*)		1	11-15c
Jackdaw (*Coloeus monedula*)		29	11-15c
Kestrel	**SBL**	8	11-15c
Lapwing	**SBL, LBAP**	11	11-15c
Lesser redpoll	**SBL**	2	11-15c
Linnet	**SBL**	21	11-15c
Little grebe (*Tachybaptus ruficollis*)		1	11-15c
Long-tailed tit		1	11-15c
Mallard		25	11-15c
Meadow pipit		77	11-15c
Merlin	**Schedule 1, SBL, LBAP**	3	11-15c
Moorhen (*Gallinula chloropus*)		1	11-15c
Mute swan		1	11-15d
Oystercatcher	**LBAP**	1	11-15d
Pheasant (*Phasianus colchicus*)	**Introduced Species**	33	11-15d

Species	Conservation Status	Count	Figure
Pied wagtail (*Motacilla alba*)		16	11-15d
Pink-footed goose		28	11-15d
Raven (*Corvus corax*)		12	11-15d
Red grouse (*Lagopus lagopus*)	**SBL**	5	11-15d
Redwing	**Schedule 1, SBL**	8	11-15d
Reed bunting	**SBL**	64	11-15d
Ringed plover		5	11-15d
Robin (*Erithacus rubecula*)		42	11-15d
Rock pipit (*Anthus petrosus*)		15	11-15d
Rook		17	11-15d
Short-eared owl	**SBL**	3	11-15e
Siskin	**SBL**	3	11-15e
Skylark	**SBL**	93	11-15d
Snipe	**LBAP**	82	11-15e
Song thrush	**SBL**	7	11-15e
Sparrowhawk		2	11-15e
Starling	**SBL**	27	11-15e
Stonechat (*Saxicola rubicola*)		82	11-15d
Teal		9	11-15e
Twite	**SBL**	1	11-15e
Wheatear		1	11-15e
Whooper swan	**Schedule 1, SBL**	2	11-15e
Wigeon		6	11-15e
Woodcock	**SBL**	1	11-15e
Woodpigeon		17	11-15e
Wren		212	11-15e
Yellowhammer	**SBL**	9	11-15e

Key

Schedule 1/1A/A1 = Listed under Schedule 1/1A/A1 of the WCA 1981 (as amended)

SBL = Scottish Biodiversity List

LBAP = Local Biodiversity Action Plan priority species

Colours indicate whether species is Green, Amber or Red listed in Birds of Conservation Concern 5 (Stanbury et al., 2021).

3.8 Wetland Bird Survey (WeBS)

Thirty-seven species of bird were recorded during the wetland bird surveys, eleven of which (black throated diver (*Gavia arctica*), common scoter, dunlin, golden plover, great northern diver, greylag, peregrine, red throated diver (*Gavia stellata*), Slavonian grebe (*Podiceps auritus*), whimbrel and whooper swan) are included on Schedule 1 of the Wildlife and Countryside Act, 1981. In addition, 24 species are Amber listed on the BoCC, eight are Red listed on the BoCC, 13 species are included in the SBL, and 11 are LBAP priority species.

Cormorant, great northern diver, guillemot and shag were recorded ubiquitously offshore within the northern extent of the study area. Whilst red-throated diver were only recorded in one location to the north-east, they were also frequently observed to

the north-west. Black guillemot was recorded in two locations; once offshore to the north-east and once to the north-west, and black-throated diver was recorded once, offshore to the north-west. Razorbill were recorded within three areas to the north of Crosskirk Bay.

Eider was the most frequently recorded duck, with numerous sightings offshore along the northern extent of the study area. Red-breasted merganser and wigeon were less frequent but also recorded fairly ubiquitously across the study area. For mallard, common scoter and teal, the vast majority, if not all, of the sightings were concentrated around Crosskirk Bay.

Waders, such as common sandpiper, dunlin, ringed plover, and snipe, were also primarily recorded around Crosskirk Bay, although snipe were also frequently observed foraging within grassland areas along the clifftops to the north-west, alongside smaller numbers of curlew, golden plover and lapwing. Curlew were also observed flying offshore. Purple sandpiper, turnstone and oystercatcher were recorded in smaller numbers foraging to the north-east and north-west, and bar-tailed godwit were recorded in one location; flying offshore towards the north-western extent of the study area. Whimbrel were also recorded, on one occasion, flying offshore north of Crosskirk Bay.

Two species of goose were recorded; pink footed goose and greylag. Pink footed goose was the most ubiquitous within the survey area with eight offshore sightings recorded. Greylag goose was recorded in only two locations, both off the coast of the western proposed landfall location.

Whooper swan were recorded in four locations within the western extent of the survey area; three offshore and one within the grassland area along the clifftop.

Great black-backed gull was the most frequently recorded gull, with six sightings along the shoreline; three along the coast of the western proposed landfall location and three within Crosskirk bay. Black-headed gull was recorded in one location to the north-west of the study area and common gull was recorded in one location to the north-east.

A single fulmar was recorded to the north of Crosskirk Bay (Figure 11-16b) and an individual Slavonian grebe was recorded offshore within the western portion of the study area.

Grey heron was observed fishing along the shoreline at Crosskirk Bay regularly.

Peregrine was recorded flying offshore on a single occasion.

Details of the birds recorded during the WeBS survey visits can be found in Figures 11-16a to 11-16d (chapter 11: Terrestrial ornithology). Table A1.7 in Appendix 1 provides survey details and weather data. Overall, survey visits were undertaken during optimum weather conditions.

3.9 Goose and Swan Survey

The goose and swan survey results are shown in Figures 11-17 to 11-22 (chapter 11: Terrestrial ornithology). Table A1.8 in Appendix 1 provides survey details and weather data. Overall, survey visits were undertaken during optimum weather conditions. Table 7 provides an analysis of results.

Table 7. Goose and swan survey results.

			Species				
			Greenland white-fronted goose	**Greylag goose**	**Barnacle goose**	**Pink-footed goose**	**Whooper swan**
Date range recorded			17/10/22 – 04/04/23	03/09/22 – 19/05/23	14/11/22 – 18/03/23	03/09/22 – 28/04/23	08/10/22 – 19/05/23
Foraging	**Number of flocks recorded**		34	376	4	273	68
	Flock size range		1 – 1,304	1 – 1,255	1 – 2	1 – 2,500	1 – 290
	Habitat (% of record-ed flocks)*	**G**	82	61	50	53	16
		S	12	37	50	44	35
		V	0	1	0	1.4	0
		D	0	0	0	0.4	0
		M	6	0.5	0	0.8	43
		L	0	0.5	0	0.4	6
Roosting	**Number of flocks**		1	21	0	10	6
	Flock size range		4	1 – 1,800	0	1 – 2,250	2 – 29
Notes ** G= grazing field; S = stubble field; V = vegetable field; D = drilled field; M = marsh; L = Loch*							

Four species of goose; Greenland white-fronted goose, greylag goose, barnacle goose and pink-footed goose, were recorded during the goose and swan surveys. Only one species of swan; whooper swan, was recorded. Greenland white-fronted goose are red listed on the BoCC and are also on the SBL, as well as being an LBAP priority species. Barnacle geese, greylag goose, pink-footed goose and whooper swans are Amber listed. Although greylag goose and whooper swan are protected under Schedule 1, this only applies to breeding birds and not winter migrant populations.

Foraging barnacle goose were recorded in four locations within the onshore study area, one to the east of Shebster and three around Buckies; one of which was located within the onshore Project area to the north-west of Braal Castle. Greylag goose and pink footed goose were numerous across the site, with roosting and foraging birds recorded throughout the Project area and within the 3 km buffer beyond. However, for both species, no birds were recorded within the south-eastern portion of the Project area; to the south of Braal Castle along the eastern route and to the south of Halkirk along the western route. Whooper swan sightings, while less frequent than greylag or pink-footed geese, were also relatively ubiquitous across the onshore study area, with concentrations of foraging activity recorded around Westfield. Roosting behaviour was also noted to the west of the onshore Project area, with four sites recorded between Westfield and Olgrinmore. As for greylag goose and pink footed goose, no whooper swan sightings were recorded within the south-eastern portion of the Project area.

White-fronted geese were recorded foraging across the survey area, with concentrations observed in Forss, between Shebster and Broubster, and to the north of Buckies where a roosting site was identified.

4 Limitations

A number of factors with the potential to present limitations to the survey were identified and are discussed in detail in the following sections.

4.1 Weather

A high level of survey effort was required, which increased the risk of adverse weather conditions affecting survey results. However, multiple surveyors were involved allowing for flexibility in survey dates. This mitigated the potential for weather to affect surveys, and it is considered that weather did not present a significant limitation to survey results for the purposes of the EIA.

4.2 Access

Access was permitted for the vast majority of the onshore study area. However, access was not permitted in some areas. Where access was not possible, surveys were undertaken using magnification (binoculars and telescope) from neighbouring land. This, combined with pre-construction surveys and pre-works checks, is considered to have mitigated the potential for access to present a significant limitation to survey results for the purposes of the EIA.

4.3 Desk Study

Three of the data providers identified during the data search did not provide any data (WWT, SOC and Caithness Biodiversity Group). However, records received from other data providers included many of the same taxonomic groups covered by the above organisations and so this is not considered to be a significant limitation.

Many of the data providers which did provide data held very few relevant records for the onshore study area within the timescale specified. As confirmed by the HRSG, it is known that the onshore study area is under-recorded. Therefore, the records received are not an accurate representation of the presence or absence of species of conservation concern within the onshore study area. Absence of data should not be considered to indicate that particular species are absent from the search area or wider landscape. However, as detailed Project specific surveys providing a more robust baseline have been undertaken, this is not considered to be a significant limitation.

4.4 Field Surveys

Surveys were carried out in safely accessible areas, where relevant permissions from landowners had been secured. Whilst access was granted to the majority of the onshore Project area, surveys were restricted in certain areas; namely small pockets of land between Forss and Westfield, towards the northern extent of the proposed route. There were also a number of fields and farm buildings within the onshore study area that could not be safely accessed due to the presence of cattle. Wherever possible, inaccessible areas were subject to visual assessment from adjoining fields and various vantage points using high-powered binoculars or telescopes. From these remote surveys, it was evident that the majority of the habitat types within the inaccessible areas were comprised of improved grassland areas and pockets of coniferous plantation woodland, and therefore not of ecological importance.

Due to the scale of the onshore Project area, general breeding bird and winter bird surveys were targeted, excluding habitats of low suitability (improved grassland and commercial forestry) (see Figure 11-1 in chapter 11: Terrestrial ornithology). In

addition, the standard approach to breeding bird surveys involves four visits between April and July. Due to refinement of the onshore Project area midway during breeding bird surveys, some small areas were not visited in April, May, or June. In order to compensate for this, an additional visit was made to all targeted areas in August – waders are likely to have family groups at this time, indicative of breeding. Data from similar habitats was also considered to ensure communities likely to be present in these areas were assessed. In addition, pre-construction surveys will be undertaken, and a Species Protection Plan implemented for breeding birds (see embedded mitigation in section 11.5.4 in chapter 11: Terrestrial ornithology). In this context, these are not considered to be significant limitations. This approach was agreed with NatureScot by e-mail (25/07/2022).

4.5 Revisions to Project Area

The onshore Project area was refined throughout the terrestrial ornithology surveys. This had no effect on most survey types, as these covered large buffer areas. However, such revisions to the project area occurred midway during the breeding bird surveys, meaning some small areas were not visited in April, May, or June. In order to compensate for this, an additional visit was made to all targeted areas in August – waders are likely to have family groups at this time, indicative of breeding. Furthermore, pre-construction surveys and pre-works checks will be undertaken, and a Species Protection Plan implemented for breeding birds. This approach was agreed with NatureScot by e-mail (25/07/2022) (see Table 11-3 in chapter 11: Terrestrial ornithology).

Using the data from five survey visits between April and August 2022, territory analysis has identified species and densities that would be expected within the habitats surveyed. In this context, this is not considered to be a significant limitation.

5 References

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Appendix 1: Survey Details and Weather Data

Table A1.1 provides details of breeding bird survey visits and weather data.

Table A1.1 Breeding bird survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	26/04/2022	NC	0800	1	1	NW	0	8	2	2	0	0
		NC		2	1	NW	0	6	2	2	0	0
		NC		3	1	NW	0	3	2	2	0	0
		NC		4	2	NW	0	2	2	2	0	0
		NC		5	1	NW	0	2	2	2	0	0
		NC		6	1	NW	0	2	2	2	0	0
		NC		7	1	NW	0	1	2	2	0	0
		NC		8	1	NW	0	1	2	2	0	0
		NC		9	1	NW	0	1	2	2	0	0
1	27/04/2022	NC	0820	1	3	S	0	8	2	2	0	0
		NC		2	2	S	0	5	2	2	0	0
		NC		3	2	S	0	3	2	2	0	0
		NC		4	2	S	0	3	2	2	0	0
		NC		5	2	S	0	4	2	2	0	0
		NC		6	2	S	0	4	2	2	0	0
		NC		7	2	S	0	4	2	2	0	0
		NC		8	3	S	0	4	2	2	0	0
		NC		9	3	S	0	4	2	2	0	0
1	28/04/2022	NC	0820	1	1	SW	0	1	2	2	0	0
		NC		2	1	SW	0	1	2	2	0	0
		NC		3	2	SW	0	2	2	2	0	0
		NC		4	2	W	0	3	2	2	0	0
		NC		5	1	W	0	2	2	2	0	0
		NC		6	1	W	0	2	2	2	0	0
		NC		7	1	W	0	2	2	2	0	0
		NC		8	1	W	0	2	2	2	0	0
1	29/04/2022	NC	0950	1	2	NW	2	8	1	1	0	0
2	01/05/2022	PJD	0800	1	2	SE	2	8	2	2	0	0
		PJD		2	2	S	0	7	2	2	0	0
		PJD		3	2	NW	0	7	2	2	0	0
		PJD		4	2	NW	0	6	2	2	0	0
		PJD		5	2	NW	0	6	2	2	0	0
		PJD		6	2	NW	0	6	2	2	0	0
		PJD		7	2	NW	0	6	2	2	0	0
		PJD		8	2	NW	0	6	2	2	0	0
2	02/05/2022	PJD	0800	1	3	NE	2	8	1	2	0	0
		PJD		2	3	NE	0	8	2	2	0	0
		PJD		3	2	NE	0	8	2	2	0	0
		PJD		4	2	NE	0	7	2	2	0	0
		PJD		5	2	NE	0	5	2	2	0	0
		PJD		6	2	NE	0	4	2	2	0	0
		PJD		7	2	NE	0	4	2	2	0	0
		PJD		8	3	NE	0	5	2	2	0	0
2	03/05/2022	PJD	0730	1	3	SE	2	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		2	3	SE	0	8	2	2	0	0
		PJD		3	3	SE	2	8	2	2	0	0
		PJD		4	3	SE	0	8	2	2	0	0
		PJD		5	3	SE	0	8	2	2	0	0
		PJD		6	3	SE	0	8	2	2	0	0
		PJD		7	3	SE	0	8	2	2	0	0
		PJD		8	4	SE	0	8	2	2	0	0
2	04/05/2022	PJD	0730	1	7	NW	4	8	2	0	0	0
		PJD		2	7	NW	4	8	2	1	0	0
		PJD		3	6	NW	4	8	2	1	0	0
		PJD		4	6	NW	3	8	2	1	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	0	6	2	2	0	0
		PJD		7	6	NW	0	6	2	2	0	0
		PJD		8	6	WNW	0	5	2	2	0	0
2	05/05/2022	PJD	0800	1	4	SW	2	8	2	2	0	0
		PJD		2	4	SW	2	8	2	2	0	0
		PJD		3	5	SW	0	8	2	2	0	0
		PJD		4	5	SW	0	8	2	2	0	0
		PJD		5	5	SW	0	8	2	2	0	0
		PJD		6	6	SW	0	8	2	2	0	0
		PJD		7	6	SW	0	7	2	2	0	0
		PJD		8	7	SW	0	7	2	2	0	0
2	10/05/2022	TM	0900	1	1	N	0	8	2	2	0	0
		TM		2	1	N	0	4	2	2	0	0
		TM		3	2	N	0	4	2	2	0	0
		TM		4	2	N	2	8	2	2	0	0
		TM		5	1	N	0	8	2	2	0	0
		TM		6	1	N	0	8	2	2	0	0
		TM		7	2	N	0	6	2	2	0	0
		TM		8	2	N	0	8	2	2	0	0
2	14/05/2022	TM	0900	1	1	NW	2	8	2	2	0	0
		TM		2	1	NW	0	7	2	2	0	0
		TM		3	2	NW	1	6	2	2	0	0
		TM		4	2	NW	0	7	2	2	0	0
		TM		5	3	NW	2	7	2	2	0	0
		TM		6	3	NW	0	7	2	2	0	0
		TM		7	4	NW	0	4	2	2	0	0
		TM		8	2	NW	0	4	2	2	0	0
2	12/05/2022	TM	0900	1	2	W	1	7	2	2	0	0
		TM		2	2	W	0	8	2	2	0	0
		TM		3	2	W	0	8	2	2	0	0
		TM		4	1	NW	1	3	2	2	0	0
		TM		5	0	NW	0	3	2	2	0	0
		TM		6	0	W	0	4	2	2	0	0
		TM		7	0	W	0	6	2	2	0	0
		TM		8	0	W	0	8	2	2	0	0
2	25/05/2022	PJD	1000	1	5	W	2	8	2	2	0	0
		PJD		2	5	W	4	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		3	5	W	0	4	1	0	0	0
		PJD		4	5	W		8	2	2	0	0
		PJD		5	5	W	0	5	2	2	0	0
		PJD		6	6	W	4	8	2	0	0	0
		PJD		7	6	W	2	8	2	2	0	0
		PJD		8	7	W	0	6	2	2	0	0
2	26/05/2022	PJD	0600	1	5	SW	2	2	2	2	0	0
		PJD		2	5	SW	0	3	2	2	0	0
		PJD		3	5	SW	0	5	2	2	0	0
		PJD		4	5	SW	2	6	2	2	0	0
		PJD		5	6	SW	4	8	1	2	0	0
		PJD		6	6	SW	2	8	2	2	0	0
		PJD		7	7	SW	4	8	2	1	0	0
		PJD		8	7	SW	2	8	2	2	0	0
		PJD		9	5	SW	0	6	2	2	0	0
		PJD		10	5	SW	0	6	2	2	0	0
		PJD		11	5	SW	3	7	2	2	0	0
2	27/05/2022	PJD	0700	1	5	NW	2	4	2	2	0	0
		PJD		2	5	NW	0	5	2	2	0	0
		PJD		3	5	NW	0	5	2	2	0	0
		PJD		4	5	NW	0	6	2	2	0	0
		PJD		5	5	NW	0	6	2	2	0	0
		PJD		6	6	NW	0	6	2	2	0	0
		PJD		7	6	NW	2	7	2	2	0	0
		PJD		8	6	NW	0	5	2	2	0	0
		PJD		9	7	NW	0	4	2	2	0	0
		PJD		10	7	NW	0	4	2	2	0	0
		PJD		11	6	NW	0	3	2	2	0	0
		PJD		12	6	NW	2	2	2	2	0	0
2	28/05/2022	PJD	0800	1	5	NW	2	8	2	2	0	0
		PJD		2	5	NW	0	8	2	2	0	0
		PJD		3	5	NW	2	8	2	2	0	0
		PJD		4	5	NW	0	8	2	2	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	0	8	2	2	0	0
		PJD		7	6	NW	2	8	2	0	0	0
		PJD		8	6	NW	0	8	2	1	0	0
		PJD		9	6	NW	0	8	2	2	0	0
2	29/05/2022	PJD	0830	1	6	N	4	8	2	1	0	0
		PJD		2	6	N	4	8	2	1	0	0
		PJD		3	6	N	4	8	2	1	0	0
		PJD		4	6	N	4	8	2	1	0	0
		PJD		5	6	N	4	8	2	1	0	0
		PJD		6	6	N	4	8	2	1	0	0
2	30/05/2022	PJD	0700	1	6	NNW	2	7	2	2	0	0
		PJD		2	6	NNW	2	7	2	2	0	0
		PJD		3	5	NNW	2	7	2	2	0	0
		PJD		4	5	NNW	0	6	2	2	0	0
		PJD		5	4	NNW	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		6	4	NNW	0	6	2	2	0	0
		PJD		7	4	NNW	0	5	2	2	0	0
		PJD		8	4	NNW	0	5	2	2	0	0
		PJD		9	4	NNW	0	4	2	2	0	0
		PJD		10	4	NNW	0	4	2	2	0	0
		PJD		11	4	NNW	0	4	2	2	0	0
2	30/05/2022	NC	1500	1	2	SSE	0	8	2	2	0	0
		NC		2	2	SSE	0	8	2	2	0	0
2	31/05/2022	PJD	1000	1	4	E	0	2	2	2	0	0
		PJD		2	4	E	0	3	2	2	0	0
		PJD		3	4	E	0	3	2	2	0	0
		PJD		4	4	E	0	4	2	2	0	0
		PJD		5	5	E	0	4	2	2	0	0
		PJD		6	5	E	0	5	2	2	0	0
		PJD		7	6	E	2	6	2	2	0	0
		PJD		8	7	E	0	7	2	2	0	0
2	31/05/2022	NC	0815	1	1	SE	0	8	2	2	0	0
		NC		2	2	SE	0	7	2	2	0	0
		NC		3	2	SE	0	6	2	2	0	0
		NC		4	3	SE	0	8	2	2	0	0
		NC		5	3	SE	0	8	2	2	0	0
		NC		6	2	SE	0	7	2	2	0	0
		NC		7	2	SE	0	7	2	2	0	0
		NC		8	2	SE	0	8	2	2	0	0
3	01/06/2022	NC	0820	1	2	NE	0	0	2	2	0	0
		NC		2	2	NE	0	0	2	2	0	0
		NC		3	2	NE	0	0	2	2	0	0
		NC		4	2	NE	0	0	2	2	0	0
		NC		5	2	NE	0	0	2	2	0	0
		NC		6	3	NE	0	0	2	2	0	0
		NC		7	4	NE	0	0	2	2	0	0
		NC		8	3	NE	0	0	2	2	0	0
		NC		9	2	NE	0	0	2	2	0	0
3	01/06/2022	PJD	0930	1	5	N	0	4	2	2	0	0
		PJD		2	5	N	0	3	2	2	0	0
		PJD		3	5	N	0	3	2	2	0	0
		PJD		4	4	N	0	4	2	2	0	0
		PJD		5	4	N	0	4	2	2	0	0
		PJD		6	4	N	0	3	2	2	0	0
3	02/06/2022	NC	0930	1	2	NNE	0	3	2	2	0	0
		NC		2	2	NNE	0	2	2	2	0	0
		NC		3	3	NNE	0	2	2	2	0	0
		NC		4	2	NNE	0	2	2	2	0	0
		NC		5	2	NNE	0	2	2	2	0	0
3	10/06/2022	PH	0800	1	4	S	0	3	2	2	0	0
		PH		2	4	S	0	3	2	2	0	0
		PH		3	4	S	0	3	2	2	0	0
		PH		4	4	S	0	3	2	2	0	0
		PH		5	4	S	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		6	4	S	0	3	2	2	0	0
		PH		7	4	S	0	3	2	2	0	0
3	12/06/2022	PH	0800	1	4	SW	0	5	2	2	0	0
		PH		2	4	S	0	5	2	2	0	0
		PH		3	4	SW	0	5	2	2	0	0
		PH		4	4	S	0	4	2	2	0	0
		PH		5	4	S	0	4	2	2	0	0
		PH		6	4	SW	0	4	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
3	16/06/2022	PH	0800	1	3	S	0	4	2	2	0	0
		PH		2	3	S	0	4	2	2	0	0
		PH		3	3	S	0	4	2	2	0	0
		PH		4	3	S	0	5	2	2	0	0
		PH		5	3	S	0	5	2	2	0	0
		PH		6	3	S	0	5	2	2	0	0
		PH		7	3	S	0	5	2	2	0	0
3	19/06/2022	PH	0800	1	4	NW	2	6	2	2	0	0
		PH		2	4	NW	2	6	2	2	0	0
		PH		3	5	NW	0	7	2	2	0	0
		PH		4	5	NW	0	7	2	2	0	0
		PH		5	4	NW	0	6	2	2	0	0
		PH		6	4	NW	0	6	2	2	0	0
		PH		7	4	NW	0	6	2	2	0	0
3	20/06/2022	PH	0800	1	2	SW	0	4	2	2	0	0
		PH		2	2	SW	0	4	2	2	0	0
		PH		3	2	S	0	4	2	2	0	0
		PH		4	3	S	0	5	2	2	0	0
		PH		5	3	S	0	5	2	2	0	0
		PH		6	3	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
3	22/06/2022	PH	0800	1	3	W	0	3	2	2	0	0
		PH		2	3	W	0	3	2	2	0	0
		PH		3	3	W	0	4	2	2	0	0
		PH		4	3	W	0	4	2	2	0	0
		PH		5	3	SW	0	3	2	2	0	0
		PH		6	4	SW	0	2	2	2	0	0
		PH		7	4	SW	0	2	2	2	0	0
3	23/06/2022	PH	0800	1	2	S	0	2	2	2	0	0
		PH		2	2	S	0	2	2	2	0	0
		PH		3	3	S	0	2	2	2	0	0
		PH	1100	4	3	SE	0	2	2	2	0	0
		PH	1430	5	3	SE	0	2	2	2	0	0
		PH		6	3	SE	0	2	2	2	0	0
		PH		7	3	SE	0	2	2	2	0	0
		PH		8	3	SE	0	3	2	2	0	0
3	27/06/2022	PH	0800	1	4	S	0	2	2	2	0	0
		PH		2	4	S	0	2	2	2	0	0
		PH		3	4	S	0	3	2	2	0	0
		PH		4	4	S	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
3	29/06/2022	PH	0800	1	4	SE	0	6	2	2	0	0
		PH		2	4	SE	0	6	2	2	0	0
		PH		3	4	SE	0	6	2	2	0	0
		PH	1100	4	4	SE	2	6	2	2	0	0
		PH	1500	5	4	SE	0	5	2	2	0	0
		PH		6	4	SE	0	4	2	2	0	0
		PH		7	4	SE	0	3	2	2	0	0
		PH		8	4	SE	0	3	2	2	0	0
3	30/06/2022	PH	0800	1	2	SE	2	5	2	0	0	0
		PH		2	2	SE	2	5	2	0	0	0
		PH		3	2	SE	2	6	2	0	0	0
		PH		4	2	SE	2	6	2	0	0	0
		PH		5	2	SE	2	6	2	0	0	0
		PH		6	2	SE	2	6	2	0	0	0
		PH		7	2	SE	2	6	2	0	0	0
4	01/07/2022	PH	0800	1	2	NE	1	6	2	2	0	0
		PH		2	2	NE	1	6	2	2	0	0
		PH		3	3	NE	1	6	2	2	0	0
		PH	1100	4	3	NE	0	6	2	2	0	0
		PH	1415	5	3	NE	0	6	2	2	0	0
		PH		6	3	NE	0	5	2	2	0	0
		PH		7	3	NE	0	5	2	2	0	0
		PH		8	3	NE	0	5	2	2	0	0
4	02/07/2022	PH	0800	1	2	SE	0	5	2	2	0	0
		PH		2	2	SE	0	5	2	2	0	0
		PH		3	2	SE	0	4	2	2	0	0
		PH		4	2	SE	0	5	2	2	0	0
		PH		5	2	SE	1	6	2	2	0	0
		PH		6	2	SE	0	6	2	2	0	0
		PH		7	2	SE	0	6	2	2	0	0
4	03/07/2022	PH	0800	1	4	E	0	6	2	2	0	0
		PH		2	4	E	0	6	2	2	0	0
		PH		3	4	E	0	5	2	2	0	0
		PH		4	4	E	0	5	2	2	0	0
		PH		5	3	E	0	5	2	2	0	0
		PH		6	3	E	0	4	2	2	0	0
		PH		7	3	E	0	4	2	2	0	0
4	04/07/2022	PH	0800	1	4	SW	0	6	2	2	0	0
		PH		2	4	SW	1	6	2	2	0	0
		PH		3	4	SW	1	6	2	2	0	0
		PH		4	4	W	0	6	2	2	0	0
		PH		5	4	W	1	5	2	2	0	0
		PH		6	4	W	0	4	2	2	0	0
		PH		7	4	W	0	4	2	2	0	0
4	12/07/2022	PH	0800	1	4	SW	0	2	2	2	0	0
		PH		2	4	SW	0	2	2	2	0	0
		PH		3	3	SW	0	3	2	2	0	0
		PH		4	3	SW	0	3	2	2	0	0
		PH		5	3	SW	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		6	4	SW	0	2	2	2	0	0
		PH		7	4	SW	0	2	2	2	0	0
4	14/07/2022	PH	0800	1	3	NW	0	3	2	2	0	0
		PH		2	3	NW	0	4	2	2	0	0
		PH		3	3	NW	0	6	2	2	0	0
		PH	1100	4	3	NW	0		2	2	0	0
		PH	1430	5	4	NW	0	6	2	2	0	0
		PH		6	4	NW	0	6	2	2	0	0
		PH		7	4	NW	0	6	2	2	0	0
		PH		8	4	NW	0	6	2	2	0	0
4	15/07/2022	PH	0830	1	2	NW	0	4	2	2	0	0
		PH		2	2	NW	0	4	2	2	0	0
		PH		3	3	NW	0	4	2	2	0	0
		PH	1130	4	3	NW	0	4	2	2	0	0
		PH	1500	5	3	NW	0	4	2	2	0	0
		PH		6	3	NW	0	4	2	2	0	0
		PH		7	3	NW	0	4	2	2	0	0
		PH		8	3	NW	0	4	2	2	0	0
4	18/07/2022	PH	0730	1	2	E	0	2	2	2	0	0
		PH		2	2	E	0	2	2	2	0	0
		PH		3	2	E	0	2	2	2	0	0
		PH		4	3	E	0	3	2	2	0	0
		PH		5	3	E	0	3	2	2	0	0
		PH		6	3	E	0	4	2	2	0	0
		PH		7	3	E	0	4	2	2	0	0
4	22/07/2022	FG	0800	1	1	ESE	0	7	2	2	0	0
		FG		2	1	ESE	0	7	2	2	0	0
		FG		3	2	ESE	0	7	2	2	0	0
		FG		4	2	ESE	0	7	2	2	0	0
		FG		5	2	ESE	0	5	2	2	0	0
		FG		6	2	ESE	0	4	2	2	0	0
		FG		7	2	ESE	0	4	2	2	0	0
		FG		8	2	ESE	0	4	2	2	0	0
4	23/07/2022	FG	0810	1	3	SE	0	8	2	2	0	0
		FG		2	4	SE	0	8	2	2	0	0
		FG		3	4	SE	0	8	2	2	0	0
		FG		4	3	SE	0	7	2	2	0	0
		FG		5	3	SE	0	7	2	2	0	0
		FG		6	3	SE	0	7	2	2	0	0
		FG		7	3	SE	0	6	2	2	0	0
4	25/07/2022	FG	0755	1	4-5	N	1	8	2	2	0	0
		FG		2	4	N	1	8	2	2	0	0
		FG		3	4	N	2	8	2	2	0	0
		FG		4	3	N	2	8	2	2	0	0
		FG		5	4	NW	0	7	2	2	0	0
		FG		6	4	NW	0	7	2	2	0	0
4	26/07/2022	FG	0745	1	3	NW	2	8	2	2	0	0
		FG		2	4	NW	1	8	2	2	0	0
		FG		3	4	NW	2	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		4	4-3	NW	2	7	2	2	0	0
		FG		5	4	NW	0	5	2	2	0	0
		FG		6	4	NW	0	6	2	2	0	0
		FG		7	4	NW	0	5	2	2	0	0
		FG		8	4-3	WNW	1	8	2	2	0	0
		FG		9	3	WNW	1	8	2	2	0	0
4	27/07/2022	FG	0730	1	2	NW	2	8	2	2	0	0
		FG		2	2	NW	2	7	2	2	0	0
		FG		3	3	NW	1	8	2	2	0	0
		FG		4	3	NW	0	8	2	2	0	0
		FG		5	2	NW	0	8	2	2	0	0
		FG		6	2	NW	1	7	2	2	0	0
		FG		7	2	NW	1	7	2	2	0	0
		FG		8	2	NW	0	7	2	2	0	0
		FG		9	2	NW	0	7	2	2	0	0
4	28/07/2022	FG	0735	1	3	SSE	0	7	2	2	0	0
		FG		2	3	SSE	0	7	2	2	0	0
		FG		3	3	SSE	0	7	2	2	0	0
		FG		4	3	SSE	0	6	2	2	0	0
		FG		5	3	SSE	0	5	2	2	0	0
		FG		6	3	SSE	0	4	2	2	0	0
		FG		7	3	SSE	0	4	2	2	0	0
		FG		8	3	SSE	0	3	2	2	0	0
		FG		9	3	SSE	0	3	2	2	0	0
5	01/08/2022	PH	0800	11	2	SW	0	2	2	2	0	0
		PH		2	2	SW	0	2	2	2	0	0
		PH		3	2	S	0	2	2	2	0	0
		PH		4	2	S	0	2	2	2	0	0
		PH		5	2	S	0	2	2	2	0	0
		PH		6	2	SE	0	2	2	2	0	0
		PH		7	2	SE	0	2	2	2	0	0
5	01/08/2022	FG	0745	1	2	SW	0	1	2	2	0	0
		FG		2	1	SW	0	1	2	2	0	0
		FG		3	1	SW	0	1	2	2	0	0
		FG		4	1	W	0	2	2	2	0	0
		FG		5	1	W	0	3	2	2	0	0
		FG		6	1	NW	0	5	2	2	0	0
		FG		7	1	N	0	6	2	2	0	0
5	02/08/2022	FG	0750	1	0	S	8	2	2	2	0	0
		FG		2	0	SW	7	2	2	2	0	0
		FG		3	0	SW	6	2	2	2	0	0
		FG		4	0	SW	6	2	2	2	0	0
		FG		5	1	SW	6	2	2	2	0	0
		FG		6	1	SW	7	2	2	2	0	0
		FG		7	0	SW	7	2	2	2	0	0
5	02/08/2022	FG	0800	1	3	SW	0	2	2	2	0	0
		FG		2	3	SW	0	2	2	2	0	0
		FG		3	3	SW	0	3	2	2	0	0
		FG		4	3	SW	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	4	SW	0	3	2	2	0	0
		FG		6	4	SW	0	4	2	2	0	0
		FG		7	4	SW	0	4	2	2	0	0
5	03/08/2022	PH	0800	1	3	SW	0	1	2	2	0	0
		PH		2	3	SW	2	1	2	2	0	0
		PH		3	3	W	2	2	2	2	0	0
		PH		4	3	W	0	2	2	2	0	0
		PH		5	3	NW	0	3	2	2	0	0
		PH		6	4	NW	0	3	2	2	0	0
		PH		7	4	NW	0	3	2	2	0	0
5	03/07/2022	FG	0745	1	5	S	1	8	2	2	0	0
		FG		2	5	SW	2	8	2	2	0	0
		FG		3	5	SW	1	7	2	2	0	0
		FG		4	4	SW	0	6	2	2	0	0
		FG		5	4	WNW	1	5	2	2	0	0
		FG		6	4	NW	1	8	2	2	0	0
		FG		7	4	NW	1	8	2	2	0	0
5	04/08/2022	FG	0755	1	1	NNE	3	8	2	2	0	0
		FG		2	1	ENE	3	8	2	2	0	0
		FG		3	1	ENE	3	8	2	2	0	0
		FG		4	2	ENE	3	8	2	2	0	0
		FG		5	3	ENE	0	6	2	2	0	0
		FG		6	3	E	0	4	2	2	0	0
		FG		7	3	E	0	4	2	2	0	0
5	04/08/2022	PH	0800	1	1	NW	0	5	2	2	0	0
		PH		2	2	NW	0	5	2	2	0	0
		PH		3	2	NW	2	6	2	2	0	0
		PH		4	3	NW	2	6	2	2	0	0
		PH		5	2	NW	2	6	2	2	0	0
		PH		6	2	NW	0	6	2	2	0	0
		PH		7	2	NW	0	6	2	2	0	0
5	05/08/2022	FG	0745	1	2	SW	0	3	2	2	0	0
		FG		2	2	SW	0	3	2	2	0	0
		FG		3	3	W	0	4	2	2	0	0
		FG		4	3	W	0	3	2	2	0	0
		FG		5	4	NW	2	3	2	2	0	0
		FG		6	4	NW	0	5	2	2	0	0
5	06/08/2022	FG	0755	1	3	SW	1	8	2	2	0	0
		FG		2	4	SW	2	8	2	2	0	0
		FG		3	4	W	2	8	2	2	0	0
		FG		4	4	SW	2	8	2	2	0	0
		FG		5	4	SW	1	7	2	2	0	0
		FG		6	4	SW	2	8	2	2	0	0
5	07/08/2022	FG	0750	1	5	W	2	8	2	2	0	0
		FG		2	5	W	2	8	2	2	0	0
		FG		3	5	W	1	8	2	2	0	0
		FG		4	4	WNW	0	8	2	2	0	0
		FG		5	4	WNW	0	8	2	2	0	0
		FG		6	4	WNW	0	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		7	4	WNW	0	8	2	2	0	0
5	08/08/2022	FG	0805	1	4	SW	0	6	2	2	0	0
		FG		2	3	SW	0	6	2	2	0	0
		FG		3	4	SW	0	7	2	2	0	0
		FG		4	3	SW	0	7	2	2	0	0
		FG		5	3	S	2	7	2	2	0	0
		FG		6	2	S	2	8	2	2	0	0
		FG		7	2	S	0	8	2	2	0	0
5	20/08/2022	PH	0800	1	4	SE	0	4	2	2	0	0
		PH		2	4	SE	0	4	2	2	0	0
		PH		3	4	SE	0	4	2	2	0	0
		PH		4	4	S	0	4	2	2	0	0
		PH		5	4	S	0	4	2	2	0	0
		PH		6	4	SW	0	4	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
5	21/08/2022	PH	0800	1	4	W	0	3	2	2	0	0
		PH		2	4	W	0	3	2	2	0	0
		PH		3	4	W	0	4	2	2	0	0
		PH		4	4	W	0	4	2	2	0	0
		PH		5	4	W	0	3	2	2	0	0
		PH		6	4	W	0	3	2	2	0	0
		PH		7	4	W	0	2	2	2	0	0
5	22/08/2022	PH	0800	1	1	E	0	1	2	2	0	0
		PH		2	2	E	0	2	2	2	0	0
		PH		3	2	E	0	2	2	2	0	0
		PH		4	2	E	0	2	2	2	0	0
		PH		5	3	SE	0	3	2	2	0	0
		PH		6	3	SE	0	2	2	2	0	0
		PH		7	2	SE	0	2	2	2	0	0
5	23/08/2022	PH	0800	1	3	SE	0	2	2	2	0	0
		PH		2	3	SE	0	2	2	2	0	0
		PH		3	3	SE	0	3	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
		PH		5	3	SE	0	3	2	2	0	0
		PH		6	3	SE	0	3	2	2	0	0
		PH		7	3	SE	0	3	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass / Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: FG = Francesco Germi / NC = Niall Currie / PH = Paul Higson / PJD = Paul Derbyshire / TM = Tony Monir

Table A1.2 provides detail of breeding raptor and owl survey visits and weather data.

Table A1.2 Breeding raptor and owl survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	19/03/2022	PJD	0700	1	7	SSE	0	1	2	2	0	0
		PJD		2	7	SSE	0	1	2	2	0	0
		PJD		3	7	SSE	0	1	2	2	0	0
		PJD		4	7	SSE	0	1	2	2	0	0
		PJD		5	6	SSE	0	1	2	2	0	0
		PJD		6	6	SSE	0	1	2	2	0	0
		PJD		7	5	SSE	0	1	2	2	0	0
		PJD		8	5	SSE	0	1	2	2	0	0
1	20/03/2022	PJD	0800	1	7	SE	0	5	2	2	0	0
		PJD		2	7	SE	0	5	2	2	0	0
		PJD		3	7	SE	0	5	2	2	0	0
		PJD		4	7	SE	0	4	2	2	0	0
		PJD		5	7	SE	0	4	2	2	0	0
		PJD		6	7	SE	0	3	2	2	0	0
		PJD		7	7	SE	0	2	2	2	0	0
		PJD		8	7	SE	0	1	2	2	0	0
1	21/03/2022	PJD	0715	1	2	SE	0	1	1	2	1	0
		PJD		2	2	SE	0	7	0	1	1	0
		PJD		3	2	SE	0	6	0	1	0	0
		PJD		4	2	SE	0	1	2	2	0	0
		PJD		5	3	SE	0	1	2	2	0	0
		PJD		6	3	SE	0	1	2	2	0	0
		PJD		7	3	SE	0	1	2	2	0	0
		PJD		8	3	SE	0	1	2	2	0	0
1	22/03/2022	PJD	0715	1	4	SE	0	1	2	2	1	0
		PJD		2	4	SE	0	1	2	2	0	0
		PJD		3	4	SE	0	0	2	2	0	0
		PJD		4	4	SE	0	0	2	2	0	0
		PJD		5	4	SE	0	0	2	2	0	0
		PJD		6	4	SE	0	0	2	2	0	0
		PJD		7	4	SE	0	0	2	2	0	0
		PJD		8	4	SE	0	0	2	2	0	0
1	23/03/2022	PJD	0715	1	3	SE	0	3	2	2	0	0
		PJD		2	2	S	0	3	2	2	0	0
		PJD		3	2	S	0	3	2	2	0	0
		PJD		4	2	SW	0	2	2	2	0	0
		PJD		5	2	SW	0	1	2	2	0	0
		PJD		6	2	SW	0	1	2	2	0	0
		PJD		7	3	SW	0	3	2	2	0	0
		PJD		8	3	WSW	0	3	2	2	0	0
1	24/03/2022	PJD	0730	1	4	W	0	3	2	2	0	0
		PJD		2	4	W	0	3	2	2	0	0
		PJD		3	5	W	0	3	2	2	0	0
		PJD		4	5	W	0	4	2	2	0	0
		PJD		5	4	W	0	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		6	4	W	0	4	2	2	0	0
		PJD		7	4	W	0	2	2	2	0	0
		PJD		8	4	W	0	2	2	2	0	0
1	25/032022	PJD	0715	1	4	SW	0	8	2	2	0	0
		PJD		2	4	SW	0	8	2	2	0	0
		PJD		3	4	W	0	8	2	2	0	0
		PJD		4	4	NW	0	3	2	2	0	0
		PJD		5	4	NW	0	2	2	2	0	0
		PJD		6	4	W	0	3	2	2	0	0
		PJD		7	4	W	0	6	2	2	0	0
		PJD		8	4	W	0	8	2	2	0	0
1	26/03/2022	PJD	0700	1	3	W	0	8	2	2	0	0
		PJD		2	3	W	1	8	2	2	0	0
		PJD		3	3	W	1	8	2	2	0	0
		PJD		4	3	W	0	5	2	2	0	0
		PJD		5	3	NW	0	4	2	2	0	0
		PJD		6	3	NW	0	3	2	2	0	0
		PJD		7	2	NW	0	2	2	2	0	0
		PJD		8	2	W	0	2	2	2	0	0
1	27/03/2022	PJD	0700	1	2	NW	0	0	-	2	1	0
		PJD		2	2	NW	0	0	-	2	1	0
		PJD		3	2	NW	0	0	-	2	0	0
		PJD		4	2	NW	0	0	-	2	0	0
		PJD		5	2	NW	0	0	-	2	0	0
		PJD		6	2	NW	0	0	-	2	0	0
		PJD		7	2	NW	0	0	-	2	0	0
		PJD		8	2	NW	0	0	-	2	0	0
1	28/03/2022	PH	0800	1	4	SSE	0	4	2	2	0	0
		PH		2	4	SSE	0	4	2	2	0	0
		PH		3	4	SE	0	4	2	2	0	0
		PH		4	4	SE	0	5	2	2	0	0
		PH		5	4	S	0	5	2	2	0	0
		PH		6	4	S	0	5	2	2	0	0
		PH		7	4	S	0	5	2	2	0	0
1	29/03/2022	PH	0800	1	3	NW	0	7	2	2	0	0
		PH		2	3	NW	0	7	2	2	0	0
		PH		3	3	NW	1	8	2	2	0	0
		PH		4	3	NW	1	8	2	2	0	0
		PH		5	3	NW	0	8	2	2	0	0
		PH		6	3	NW	0	8	2	2	0	0
		PH		7	3	NW	0	8	2	2	0	0
1	30/03/2022	PH	0800	1	4	WNW	2	7	2	2	0	2
		PH		2	4	W	2	8	2	2	0	2
		PH		3	4	W	2	8	2	2	0	2
		PH		4	4	W	2	7	2	2	0	2
		PH		5	4	W	0	6	2	2	0	0
		PH		6	4	W	0	5	2	2	0	0
		PH		7	4	W	0	5	2	2	0	0
1	31/03/2022	PH	0800	1	4	W	2	6	2	2	0	2

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		2	4	W	2	6	2	2	0	2
		PH		3	4	W	2	7	2	2	0	2
		PH		4	4	W	1	8	2	2	0	0
		PH		5	4	W	0	8	2	2	0	0
		PH		6	4	W	0	8	2	2	0	0
		PH		7	4	W	0	6	2	2	0	0
2	01/04/2022	PH	0800	1	4	W	2	7	2	2	0	0
		PH		2	4	W	2	7	2	2	0	0
		PH		3	4	WSW	0	8	2	2	0	0
		PH		4	3	WSW	0	8	2	2	0	0
		PH		5	3	WSW	2	8	2	2	0	0
		PH		6	3	SW	0	7	2	2	0	0
		PH		7	3	SW	0	7	2	2	0	0
2	02/04/2022	PH	0800	1	2	NE	0	2	2	2	0	0
		PH		2	2	NE	0	2	2	2	0	0
		PH		3	2	N	0	2	2	2	0	0
		PH		4	2	N	0	3	2	2	0	0
		PH		5	3	N	0	3	2	2	0	0
		PH		6	3	NW	0	3	2	2	0	0
		PH		7	3	NW	0	3	2	2	0	0
2	03/04/2022	PH	0800	1	4	SSE	0	8	2	2	0	0
		PH		2	4	SSE	2	8	2	2	0	0
		PH		3	4	SSE	0	8	2	2	0	0
		PH		4	4	SSE	2	8	2	2	0	0
2	04/04/2022	PH	0800	1	4	SW	2	8	2	2	0	0
		PH		2	4	SW	2	8	2	2	0	0
		PH		3	4	SW	0	8	2	2	0	0
		PH		4	4	SW	2	8	2	2	0	0
		PH		5	4	SW	2	7	2	2	0	0
		PH		6	4	SW	2	7	2	2	0	0
		PH		7	4	SW	2	8	2	2	0	0
2	05/04/2022	PH	0800	1	4	W	0	8	2	2	0	0
		PH		2	4	W	0	8	2	2	0	0
		PH		3	3	W	0	8	2	2	0	0
		PH		4	3	W	2	8	2	2	0	0
		PH		5	3	W	0	8	2	2	0	0
		PH		6	3	W	0	7	2	2	0	0
		PH		7	3	W	0	7	2	2	0	0
2	06/04/2022	PH	0800	1	4	N	2	8	2	2	0	2
		PH		2	4	N	2	8	2	2	0	2
		PH		3	4	N	2	7	2	2	0	0
		PH		4	4	NE	0	7	2	2	0	0
		PH		5	4	NE	0	8	2	2	0	0
		PH		6	4	NE	0	8	2	2	0	0
		PH		7	4	NE	0	8	2	2	0	0
2	07/04/2022	PH	0800	1	5	W	0	8	2	2	0	0
		PH		2	5	W	2	8	2	2	0	0
		PH		3	4	W	2	8	2	2	0	0
		PH		4	4	W	0	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	W	0	8	2	2	0	0
		PH		6	4	W	0	8	2	2	0	0
		PH		7	4	W	0	8	2	2	0	0
2	08/04/2022	PH	0730	1	4	W	2	8	2	2	0	0
		PH		2	4	W	2	8	2	2	0	0
		PH		3	4	W	2	8	2	2	0	0
		PH		4	4	W	0	7	2	2	0	0
		PH		5	4	W	0	7	2	2	0	0
		PH		6	4	W	2	7	2	2	0	0
		PH		7	4	W	2	6	2	2	0	0
2	09/04/2022	PH	0730	1	4	SW	2	6	2	2	0	0
		PH		2	5	SW	2	6	2	2	0	0
		PH		3	5	SW	0	7	2	2	0	0
		PH		4	4	SW	0	7	2	2	0	0
		PH		5	4	SW	0	6	2	2	0	0
		PH		6	4	SW	0	5	2	2	0	0
		PH		7	4	SW	0	5	2	2	0	0
2	10/04/2022	PH	0800	1	4	W	0	8	2	2	0	0
		PH		2	4	W	0	8	2	2	0	0
		PH		3	4	W	2	7	2	2	0	0
		PH		4	4	W	0	7	2	2	0	0
		PH		5	4	W	2	6	2	2	0	0
		PH		6	4	W	0	6	2	2	0	0
		PH		7	4	W	0	6	2	2	0	0
2	11/04/2022	PH	0730	1	3	NE	0	6	2	2	0	0
		PH		2	3	NE	0	6	2	2	0	0
		PH		3	3	NE	0	5	2	2	0	0
		PH		4	3	NE	0	5	2	2	0	0
		PH		5	4	NE	0	6	2	2	0	0
		PH		6	4	NE	0	6	2	2	0	0
		PH		7	4	NE	0	6	2	2	0	0
2	12/04/2022	PH	0700	1	5	NE	0	8	2	2	0	0
		PH	0700	2	5	NE	0	8	2	2	0	0
		PH		3	5	NE	0	8	2	2	0	0
		PH		4	5	NE	2	8	2	2	0	0
		PH		5	4	NE	0	8	2	2	0	0
		PH		6	4	NE	0	8	2	2	0	0
		PH		7	4	NE	0	8	2	2	0	0
2	13/04/2022	PH	0730	1	3	WSW	0	8	2	2	0	0
		PH		2	3	WSW	0	7	2	2	0	0
		PH		3	3	SW	0	7	2	2	0	0
		PH		4	3	SW	0	8	2	2	0	0
		PH		5	3	SW	0	8	2	2	0	0
		PH		6	3	SW	0	7	2	2	0	0
		PH		7	3	SW	0	7	2	2	0	0
2	14/04/2022	PH	0700	1	4	NE	0	2	2	2	0	0
		PH		2	4	NE	0	3	2	2	0	0
		PH		3	4	NE	0	4	2	2	0	0
		PH		4	4	NE	0	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	NE	0	5	2	2	0	0
		PH		6	4	NE	0	5	2	2	0	0
		PH		7	4	NE	0	6	2	2	0	0
2	15/04/2022	PH	0630	1	3	E	0	8	2	2	0	0
		PH		2	3	E	2	8	2	2	0	0
		PH		3	3	SE	0	2	2	2	0	0
		PH		4	2	SE	0	2	2	2	0	0
		PH		5	2	SE	0	2	2	2	0	0
		PH		6	2	SE	2	2	2	2	0	0
		PH		7	2	SE	0	2	2	2	0	0
2	16/04/2022	PH	0600	1	4	NE	0	4	2	2	0	0
		PH		2	4	NE	0	4	2	2	0	0
		PH		3	4	NE	0	3	2	2	0	0
		PH		4	4	NE	0	3	2	2	0	0
		PH		5	4	NE	0	3	2	2	0	0
		PH		6	4	NE	0	4	2	2	0	0
		PH		7	4	NE	0	4	2	2	0	0
2	18/04/2022	PH	0730	1	4	NE	0	5	2	2	0	0
		PH		2	4	NE	0	5	2	2	0	0
		PH		3	4	NE	0	7	2	2	0	0
		PH		4	4	E	0	8	2	2	0	0
		PH		5	4	E	2	8	2	2	0	0
		PH		6	3	SE	2	8	2	2	0	0
		PH		7	3	SW	0	7	2	2	0	0
2	19/04/2022	PH	0700	1	4	S	2	7	2	2	0	0
		PH		2	4	S	0	5	2	2	0	0
		PH		3	4	SW	0	2	2	2	0	0
		PH		4	4	SW	0	4	2	2	0	0
		PH		5	4	SW	0	3	2	2	0	0
		PH		6	4	SW	0	3	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
2	20/04/2022	PH	0600	1	3	NE	0	1	2	2	0	0
		PH		2	3	NE	0	1	2	2	0	0
		PH		3	3	NE	0	2	2	2	0	0
		PH		4	4	NE	0	2	2	2	0	0
		PH		5	4	NE	0	3	2	2	0	0
		PH		6	4	NE	0	3	2	2	0	0
		PH		7	4	NE	0	3	2	2	0	0
2	21/04/2022	PH	0600	1	4	NE	0	6	2	2	0	0
		PH		2	4	NE	0	6	2	2	0	0
		PH		3	4	NE	0	6	2	2	0	0
		PH		4	4	NE	0	6	2	2	0	0
		PH		5	4	N	0	4	2	2	0	0
		PH		6	4	N	0	4	2	2	0	0
		PH		7	4	N	0	4	2	2	0	0
2	22/04/2022	PH	0730	1	4	NW	0	4	2	2	0	0
		PH		2	4	NW	0	4	2	2	0	0
		PH		3	4	NW	0	5	2	2	0	0
		PH		4	4	NW	0	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	NW	0	7	2	2	0	0
		PH		6	3	NW	0	6	2	2	0	0
		PH		7	3	NW	0	4	2	2	0	0
2	23/04/2022	PH	0700	1	4	NW	0	4	2	2	0	0
		PH		2	4	NW	0	4	2	2	0	0
		PH		3	4	NW	0	6	2	2	0	0
		PH		4	4	NW	0	5	2	2	0	0
		PH		5	3	NW	0	3	2	2	0	0
		PH		6	3	NW	0	3	2	2	0	0
		PH		7	3	NW	0	3	2	2	0	0
2	24/04/2022	PH	0700	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	6	2	2	0	0
		PH		3	3	NE	0	5	2	2	0	0
		PH		4	3	NE	0	5	2	2	0	0
		PH		5	3	NE	0	6	2	2	0	0
		PH		6	3	NE	0	6	2	2	0	0
		PH		7	3	NE	0	6	2	2	0	0
2	25/04/2022	PH	0600	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	6	2	2	0	0
		PH		3	2	NE	0	7	2	2	0	0
		PH		4	2	NE	0	7	2	2	0	0
		PH		5	2	NE	0	8	2	2	0	0
		PH		6	2	NE	0	8	2	2	0	0
		PH		7	2	NE	0	8	2	2	0	0
2	27/04/2022	PJD	0800	1	4	NE	0	4	2	2	0	0
		PJD		2	4	NE	0	4	2	2	0	0
		PJD		3	3	NE	0	3	2	2	0	0
		PJD		4	3	SE	0	3	2	2	0	0
		PJD		5	3	SE	0	3	2	2	0	0
		PJD		6	3	SE	0	3	2	2	0	0
		PJD		7	2	SE	0	2	2	2	0	0
		PJD		8	2	SE	0	1	2	2	0	0
2	28/04/2022	PJD	0700	1	3	NW	0	8	2	2	0	0
		PJD		2	3	NW	0	8	2	2	0	0
		PJD		3	3	NW	0	6	2	2	0	0
		PJD		4	3	N	0	4	2	2	0	0
		PJD		5	2	NE	0	4	2	2	0	0
		PJD		6	2	NE	0	3	2	2	0	0
		PJD		7	3	NE	0	2	2	2	0	0
		PJD		8	3	NE	0	2	2	2	0	0
2	29/04/2022	PJD	0730	1	2	NW	3	8	1	0	0	0
		PJD		2	2	N	2	8	1	1	0	0
		PJD		3	2	NE	0	8	2	2	0	0
		PJD		4	2	NE	0	6	2	2	0	0
		PJD		5	2	NE	0	4	2	2	0	0
		PJD		6	2	NE	0	1	2	2	0	0
		PJD		7	2	NE	0	1	2	2	0	0
		PJD		8	2	NE	0	1	2	2	0	0
3	01/05/2022	PH	0700	1	3	NE	0	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		2	3	NE	0	7	2	2	0	0
		PH		3	3	NE	0	6	2	2	0	0
		PH		4	3	NE	0	6	2	2	0	0
		PH		5	3	NE	0	6	2	2	0	0
		PH		6	3	NE	0	6	2	2	0	0
		PH		7	3	NE	0	5	2	2	0	0
3	02/05/2022	PH	0600	1	3	SW	0	6	2	2	0	0
		PH		2	3	SW	0	6	2	2	0	0
		PH		3	3	SW	0	5	2	2	0	0
		PH		4	3	SW	2	5	2	2	0	0
		PH		5	3	W	2	6	2	2	0	0
		PH		6	3	W	0	6	2	2	0	0
		PH		7	3	W	0	6	2	2	0	0
3	03/05/2022	PH	0700	1	3	NE	0	6	2	2	0	0
		PH		2	3	NE	0	7	2	2	0	0
		PH		3	4	NE	0	7	2	2	0	0
		PH		4	4	NE	0	8	2	2	0	0
		PH		5	4	NE	0	8	2	2	0	0
		PH		6	4	NE	0	6	2	2	0	0
		PH		7	4	NE	0	5	2	2	0	0
3	04/05/2022	PH	0800	1	2	SE	0	7	2	2	0	0
		PH		2	2	SE	0	7	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	S	0	5	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	SW	0	5	2	2	0	0
		PH		7	4	SW	0	6	2	2	0	0
3	04/05/2022	PJD	0730	1	7	NW	4	8	2	0	0	0
		PJD		2	7	NW	4	8	2	1	0	0
		PJD		3	6	NW	4	8	2	1	0	0
		PJD		4	6	NW	3	8	2	1	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	0	6	2	2	0	0
		PJD		7	6	NW	0	6	2	2	0	0
		PJD		8	6	WNW	0	5	2	2	0	0
3	05/05/2022	PJD	0800	1	4	SW	2	8	2	2	0	0
		PJD		2	4	SW	2	8	2	2	0	0
		PJD		3	5	SW	0	8	2	2	0	0
		PJD		4	5	SW	0	8	2	2	0	0
		PJD		5	5	SW	0	8	2	2	0	0
		PJD		6	6	SW	0	8	2	2	0	0
		PJD		7	6	SW	0	7	2	2	0	0
		PJD		8	7	SW	4	7	2	2	0	0
3	05/05/2022	PH	0600	1	3	E	0	6	2	2	0	0
		PH		2	3	E	2	6	2	2	0	0
		PH		3	3	E	0	7	2	2	0	0
		PH		4	3	E	2	7	2	2	0	0
		PH		5	3	E	2	8	2	2	0	0
		PH		6	3	E	0	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		7	3	E	0	8	2	2	0	0
3	06/05/2022	PH	0530	1	4	SE	0	8	2	2	0	0
		PH		2	4	SE	0	8	2	2	0	0
		PH		3	4	S	2	7	2	2	0	0
		PH		4	4	S	0	6	2	2	0	0
		PH		5	4	S	0	8	2	2	0	0
		PH		6	4	S	0	8	2	2	0	0
		PH		7	4	S	0	8	2	2	0	0
3	07/05/2022	PH	0800	1	2	W	0	4	2	2	0	0
		PH		2	2	W	0	3	2	2	0	0
		PH		3	2	W	0	2	2	2	0	0
		PH		4	2	W	0	4	2	2	0	0
		PH		5	3	SW	0	3	2	2	0	0
		PH		6	3	SW	0	3	2	2	0	0
		PH		7	3	SW	0	3	2	2	0	0
3	08/05/2022	PH	0800	1	4	NE	0	5	2	2	0	0
		PH		2	4	NE	0	6	2	2	0	0
		PH		3	3	NE	0	7	2	2	0	0
		PH		4	3	NE	0	6	2	2	0	0
		PH		5	3	NE	0	6	2	2	0	0
		PH		6	3	NE	0	4	2	2	0	0
		PH		7	3	NE	0	3	2	2	0	0
3	10/05/2022	PH	0800	1	4	WSW	2	6	2	2	0	0
		PH		2	4	WSW	0	6	2	2	0	0
		PH		3	4	SW	0	8	2	2	0	0
		PH		4	4	SW	2	8	2	2	0	0
		PH		5	4	SW	2	8	2	2	0	0
		PH		6	4	S	2	8	2	2	0	0
		PH		7	4	S	0	8	2	2	0	0
3	11/05/2022	PH	0800	1	4	SE	0	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	7	2	2	0	0
		PH		4	4	S	0	7	2	2	0	0
		PH		5	4	S	2	8	2	2	0	0
		PH		6	4	S	2	8	2	2	0	0
		PH		7	4	S	0	8	2	2	0	0
3	22/05/2022	PH	0800	1	4	E	2	7	2	2	0	0
		PH		2	4	E	2	7	2	2	0	0
		PH		3	4	E	0	6	2	2	0	0
		PH		4	4	E	0	6	2	2	0	0
		PH		5	4	E	0	6	2	2	0	0
		PH		6	4	E	0	5	2	2	0	0
		PH		7	4	E	0	5	2	2	0	0
3	23/05/2022	PH	0800	1	3	NW	2	7	2	2	0	0
		PH		2	3	NW	2	7	2	2	0	0
		PH		3	4	NW	2	6	2	2	0	0
		PH		4	4	NW	0	6	2	2	0	0
		PH		5	4	NW	0	7	2	2	0	0
		PH		6	4	NW	0	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		7	4	NW	0	7	2	2	0	0
3	24/05/2022	PH	0800	1	4	SW	0	4	2	2	0	0
		PH		2	4	SW	0	4	2	2	0	0
		PH		3	4	SW	0	3	2	2	0	0
		PH		4	4	SW	0	3	2	2	0	0
		PH		5	4	SW	0	3	2	2	0	0
		PH		6	4	SW	0	3	2	2	0	0
		PH		7	4	SW	0	3	2	2	0	0
3	25/05/2022	PH	0800	1	3	SE	0	8	2	2	0	0
		PH		2	3	SE	0	8	2	2	0	0
		PH		3	4	SE	2	8	2	2	0	0
		PH		4	4	SE	2	7	2	2	0	0
		PH		5	4	SE	2	7	2	2	0	0
		PH		6	4	SE	2	6	2	2	0	0
		PH		7	5	SE	0	6	2	2	0	0
3	25/05/2022	PJD	1000	1	5	W	2	8	2	2	0	0
		PJD		2	5	W	4	8	2	2	0	0
		PJD		3	5	W	0	4	2	2	0	0
		PJD		4	5	W	2	8	2	2	0	0
		PJD		5	5	W	0	5	2	2	0	0
		PJD		6	6	W	4	8	2	2	0	0
		PJD		7	6	W	2	8	2	2	0	0
		PJD		8	7	W	0	6	2	2	0	0
3	26/05/2022	PJD	0600	1	5	SW	2	2	2	2	0	0
		PJD		2	5	SW	0	3	2	2	0	0
		PJD		3	5	SW	0	5	2	2	0	0
		PJD		4	5	SW	2	6	2	2	0	0
		PJD		5	6	SW	4	8	1	2	0	0
		PJD		6	6	SW	2	8	2	2	0	0
		PJD		7	7	SW	4	8	2	1	0	0
		PJD		8	7	SW	2	8	2	2	0	0
		PJD		9	5	SW	0	6	2	2	0	0
		PJD		10	5	SW	0	6	2	2	0	0
		PJD		11	5	SW	3	7	2	2	0	0
3	27/05/2022	PJD	0700	1	5	NW	2	4	2	2	0	0
		PJD		2	5	NW	0	5	2	2	0	0
		PJD		3	5	NW	0	5	2	2	0	0
		PJD		4	5	NW	0	6	2	2	0	0
		PJD		5	5	NW	0	6	2	2	0	0
		PJD		6	6	NW	0	6	2	2	0	0
		PJD		7	6	NW	2	7	2	2	0	0
		PJD		8	6	NW	0	5	2	2	0	0
		PJD		9	7	NW	0	4	2	2	0	0
		PJD		10	7	NW	0	4	2	2	0	0
		PJD		11	6	NW	0	3	2	2	0	0
		PJD		12	6	NW	2	2	2	2	0	0
3	28/05/2022	PJD	0800	1	5	NW	2	8	2	2	0	0
		PJD		2	5	NW	0	8	2	2	0	0
		PJD		3	5	NW	2	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		4	5	NW	0	8	2	2	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	0	8	2	2	0	0
		PJD		7	6	NW	2	8	2	0	0	0
		PJD		8	6	NW	0	8	2	1	0	0
		PJD		9	6	NW	0	8	2	2	0	0
3	29/05/2022	PJD	0830	1	6	N	4	8	2	1	0	0
		PJD		2	6	N	4	8	2	1	0	0
		PJD		3	6	N	4	8	2	1	0	0
		PJD		4	6	N	4	8	2	1	0	0
		PJD		5	6	N	4	8	2	1	0	0
		PJD		6	6	N	4	8	2	1	0	0
3	30/05/2022	PJD	0700	1	6	NNW	2	7	2	2	0	0
		PJD		2	6	NNW	2	7	2	2	0	0
		PJD		3	5	NNW	2	7	2	2	0	0
		PJD		4	5	NNW	0	6	2	2	0	0
		PJD		5	4	NNW	0	6	2	2	0	0
		PJD		6	4	NNW	0	6	2	2	0	0
		PJD		7	4	NNW	0	5	2	2	0	0
		PJD		8	4	NNW	0	5	2	2	0	0
		PJD		9	4	NNW	0	4	2	2	0	0
		PJD		10	4	NNW	0	4	2	2	0	0
		PJD		11	4	NNW	0	4	2	2	0	0
3	30/05/2022	PH	0600	1	2	SE	0	6	2	2	0	0
		PH		2	2	SE	0	6	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	SE	0	6	2	2	0	0
		PH		5	3	SE	0	6	2	2	0	0
		PH		6	3	SE	0	6	2	2	0	0
		PH		7	3	SE	0	6	2	2	0	0
3	31/05/2022	PJD	1000	1	4	E	0	2	2	2	0	0
		PJD		2	4	E	0	3	2	2	0	0
		PJD		3	4	E	0	3	2	2	0	0
		PJD		4	4	E	0	4	2	2	0	0
		PJD		5	5	E	0	4	2	2	0	0
		PJD		6	5	E	0	5	2	2	0	0
		PJD		7	6	E	2	6	2	2	0	0
		PJD		8	7	E	0	7	2	2	0	0
4	01/06/2022	PJD	0930	1	5	N	0	4	2	2	0	0
		PJD		2	5	N	0	3	2	2	0	0
		PJD		3	5	N	0	3	2	2	0	0
		PJD		4	4	N	0	4	2	2	0	0
		PJD		5	4	N	0	4	2	2	0	0
		PJD		6	4	N	0	3	2	2	0	0
4	02/06/2022	PH	0800	1	3	NW	0	3	2	2	0	0
		PH		2	3	NW	0	3	2	2	0	0
		PH		3	3	NW	0	3	2	2	0	0
		PH		4	3	NW	0	3	2	2	0	0
		PH		5	3	N	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		6	3	N	0	3	2	2	0	0
		PH		7	3	N	0	3	2	2	0	0
4	05/06/2022	PH	0800	1	2	E	0	7	2	2	0	0
		PH		2	2	E	0	7	2	2	0	0
		PH		3	2	E	0	6	2	2	0	0
		PH		4	2	E	0	6	2	2	0	0
4	15/06/2022	PD	0900	1	3	SW	4	8	2	2	0	0
		PD		2	3	SW	0	8	2	2	0	0
		PD		3	3	SW	2	8	2	2	0	0
		PD		4	3	SW	0	8	2	2	0	0
		PD		5	3	SW	0	8	2	2	0	0
		PD		6	2	SW	2	8	2	2	0	0
		PD		7	2	SW	0	8	2	2	0	0
4	16/06/2022	PD	0800	1	3	NE	0	8	2	2	0	0
		PD		2	3	NE	0	8	2	2	0	0
		PD		3	3	NE	0	8	2	2	0	0
		PD		4	2	NE	2	8	2	1	0	0
		PD		5	2	NE	2	8	2	1	0	0
		PD		6	2	NE	0	8	2	2	0	0
		PD		7	2	NE	0	8	2	2	0	0
		PD		8	2	NE	0	8	2	2	0	0
4	15/06/2022	PH	0630	1	2	S	0	5	2	2	0	0
		PH		2	2	S	0	5	2	2	0	0
		PH		3	3	S	0	5	2	2	0	0
		PH		4	3	S	0	5	2	2	0	0
		PH	1330	5	3	S	0	3	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	0	3	2	2	0	0
		PH		8	3	S	0	3	2	2	0	0
4	17/06/2022	PH	1100	1	3	S	0	5	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	4	S	0	5	2	2	0	0
		PH		4	4	S	0	5	2	2	0	0
4	17/06/2022	PJD	0800	1	6	SSW	0	6	2	2	0	0
		PJD		2	6	SSW	2	5	2	2	0	0
		PJD		3	6	SSW	0	5	2	2	0	0
		PJD		4	6	SSW	0	4	2	2	0	0
		PJD		5	6	SSW	0	4	2	2	0	0
		PJD		6	7	SSW	0	4	2	2	0	0
		PJD		7	7	SSW	0	4	2	2	0	0
		PJD		8	7	SSW	0	3	2	2	0	0
4	18/06/2022	PJD	0700	1	6	SSW	0	4	2	2	0	0
		PJD		2	7	SSW	0	6	2	2	0	0
		PJD		3	7	SSW	0	6	2	2	0	0
		PJD		4	7	SSW	0	8	2	2	0	0
		PJD		5	7	SSW	0	8	2	2	0	0
		PJD		6	7	SSW	0	8	2	2	0	0
		PJD		7	7	SSW	4	8	2	1	0	0
		PJD		8	7	SSW	2	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
4	19/06/2022	PJD	1100	1	6	NW	2	8	2	2	0	0
		PJD		2	6	NW	2	8	2	2	0	0
		PJD		3	6	NW	0	8	2	2	0	0
		PJD		4	6	NW	0	8	2	2	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	4	8	1	1	0	0
		PJD		7	6	NW	2	8	2	2	0	0
4	20/06/2022	PJD	0700	1	-	SW	0	4	2	2	0	0
		PJD		2	-	SW	0	5	2	2	0	0
		PJD		3	-	W	0	6	2	2	0	0
		PJD		4	-	W	0	6	2	2	0	0
		PJD		5	-	W	0	6	2	2	0	0
		PJD		6	-	NW	0	6	2	2	0	0
		PJD		7	-	NW	0	6	2	2	0	0
		PJD		8	-	W	0	8	2	2	0	0
		PJD		9	-	SW	0	8	2	2	0	0
		PJD		10	-	SW	2	8	2	2	0	0
		PJD		11	-	SW	0	8	2	2	0	0
4	21/06/2022	PJD	1100	1	3	NW	0	8	0	1	0	0
		PJD		2	3	NW	0	8	2	2	0	0
		PJD		3	3	NW	0	8	2	2	0	0
		PJD		4	3	NW	0	8	2	2	0	0
		PJD		5	3	NW	0	8	2	2	0	0
		PJD		6	3	NW	0	8	2	2	0	0
		PJD		7	3	NW	0	8	2	2	0	0
4	22/06/2022	PJD	0800	1	3	SW	0	8	2	2	0	0
		PJD		2	4	SW	0	8	2	2	0	0
		PJD		3	4	SW	0	8	2	2	0	0
		PJD		4	4	WSW	0	8	2	2	0	0
		PJD		5	5	WSW	0	8	2	2	0	0
		PJD		6	5	WSW	0	8	2	2	0	0
		PJD		7	4	SW	0	7	2	2	0	0
		PJD		8	4	SW	0	6	2	2	0	0
		PJD		9	4	SW	2	5	2	2	0	0
		PJD		10	4	SW	0	4	2	2	0	0
4	23/06/2022	PJD	0600	1	3	SW	0	1	2	2	0	0
		PJD		2	3	SW	0	1	2	2	0	0
5	09/07/2022	PH	1000	1	4	WNW	0	7	2	2	0	0
		PH		2	4	WNW	0	7	2	2	0	0
		PH		3	4	WNW	0	6	2	2	0	0
		PH		4	4	NW	0	6	2	2	0	0
		PH		5	4	NW	0	6	2	2	0	0
		PH		6	4	NW	0	6	2	2	0	0
		PH		7	4	NW	0	6	2	2	0	0
5	10/07/2022	PH	0800	1	2	NW	0	4	2	2	0	0
		PH		2	3	NW	0	4	2	2	0	0
		PH		3	4	NW	0	4	2	2	0	0
		PH		4	4	NW	0	4	2	2	0	0
		PH		5	4	NW	0	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		6	4	NW	0	4	2	2	0	0
		PH		7	4	NW	0	4	2	2	0	0
5	11/07/2022	PH	0930	1	2	SE	0	3	2	2	0	0
		PH		2	2	SE	0	3	2	2	0	0
		PH		3	3	SE	0	2	2	2	0	0
		PH		4	3	SE	0	2	2	2	0	0
		PH		5	3	SE	0	2	2	2	0	0
		PH		6	2	SE	0	2	2	2	0	0
		PH		7	2	SE	0	2	2	2	0	0
5	22/07/2022	PH	0700	1	2	E	0	5	2	2	0	0
		PH		2	2	E	0	5	2	2	0	0
		PH		3	2	E	0	5	2	2	0	0
		PH		4	2	E	0	5	2	2	0	0
		PH		5	3	E	0	5	2	2	0	0
		PH		6	3	E	0	5	2	2	0	0
		PH		7	3	E	0	5	2	2	0	0
5	24/07/2022	FG	0750	1	0	W	2	8	2	2	0	0
		FG		2	1	W	1	8	2	2	0	0
		FG		3	2	W	0	7	2	2	0	0
		FG		4	2	W	1	7	2	2	0	0
		FG		5	3	W	1	6	2	2	0	0
		FG		6	3	W	0	6	2	2	0	0
5	27/07/2022	PH	0700	1	3	W	2	6	2	2	0	0
		PH		2	3	W	2	6	2	2	0	0
		PH		3	3	W	2	6	2	2	0	0
		PH		4	3	W	2	6	2	2	0	0
		PH		5	3	W	2	6	2	2	0	0
		PH		6	3	W	2	6	2	2	0	0
		PH		7	3	W	2	6	2	2	0	0
5	29/07/2022	PH	0900	1	2	SE	0	2	2	2	0	0
		PH		2	2	SE	0	2	2	2	0	0
		PH		3	2	SE	0	2	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
		PH		5	3	SE	0	3	2	2	0	0
		PH		6	3	SE	0	3	2	2	0	0
		PH		7	2	SE	0	3	2	2	0	0
		PH		8	2	SE	0	3	2	2	0	0
5	29/07/2022	FG	0735	1	0	S	0	1	2	2	0	0
		FG		2	0	S	0	1	2	2	0	0
		FG		3	1	SE	0	2	2	2	0	0
		FG		4	1	SE	0	2	2	2	0	0
		FG		5	1	SE	0	2	2	2	0	0
		FG		6	2	SE	0	1	2	2	0	0
		FG		7	2	SE	0	1	2	2	0	0
		FG		8	2	SE	0	2	2	2	0	0
5	30/07/2022	PH	1000	1	2	S	0	5	2	2	0	0
		PH		2	2	S	0	5	2	2	0	0
		PH		3	2	S	0	6	2	2	0	0
		PH		4	2	S	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	2	SE	0	6	2	2	0	0
		PH		6	3	SE	0	6	2	2	0	0
		PH		7	3	SE	0	6	2	2	0	0
5	30/07/2022	FG	0735	1	2	SW	0	8	2	2	0	0
		FG		2	2	SW	0	8	2	2	0	0
		FG		3	3	SW	0	6	2	2	0	0
		FG		4	4	W	0	5	2	2	0	0
		FG		5	3	W	0	4	2	2	0	0
		FG		6	3	W	0	5	2	2	0	0
		FG		7	2	W	0	7	2	2	0	0
		FG		8	2	WNW	0	7	2	2	0	0
5	31/07/2022	FG	0805	1	2	ENE	0	5	2	2	0	0
		FG		2	3	ENE	0	5	2	2	0	0
		FG		3	3	NE	0	6	2	2	0	0
		FG		4	4	NE	0	4	2	2	0	0
		FG		5	4	NE	0	4	2	2	0	0
		FG		6	4	NE	0	4	2	2	0	0
		FG		7	4	NE	0	6	2	2	0	0
6	06/08/2022	PH	1000	1	3	SW	0	6	2	2	0	0
		PH		2	3	SW	2	6	2	2	0	0
		PH		3	3	SW	0	7	2	2	0	0
		PH		4	3	SW	0	7	2	2	0	0
		PH		5	3	SW	2	7	2	2	0	0
		PH		6	3	SW	0	7	2	2	0	0
		PH		7	3	SW	0	7	2	2	0	0
6	07/08/2022	PH	0700	1	3	NW	2	6	2	2	0	0
		PH		2	3	NW	0	6	2	2	0	0
		PH		3	4	NW	0	8	2	2	0	0
		PH		4	4	NW	0	8	2	2	0	0
		PH		5	3	NW	0	7	2	2	0	0
		PH		6	3	NW	0	7	2	2	0	0
		PH		7	3	NW	0	7	2	2	0	0
6	15/08/2022	PH	0900	1	2	NNE	0	6	2	2	0	0
		PH		2	2	NNE	0	6	2	2	0	0
		PH		3	2	NNE	0	7	2	2	0	0
		PH		4	2	NE	0	7	2	2	0	0
		PH		5	2	NE	0	6	2	2	0	0
		PH		6	2	NE	0	6	2	2	0	0
		PH		7	2	NE	2	6	2	2	0	0
6	16/08/2022	PH	1200	1	4	NNW	0	6	2	2	0	0
		PH		2	4	NNW	0	6	2	2	0	0
		PH		3	4	NNW	0	6	2	2	0	0
		PH		4	4	NNW	0	6	2	2	0	0
		PH		5	4	NW	2	6	2	2	0	0
		PH		6	4	NW	2	6	2	2	0	0
		PH		7	4	NW	2	6	2	2	0	0
6	17/08/2022	PH	0800	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	6	2	2	0	0
		PH		3	2	E	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		4	2	E	0	5	2	2	0	0
		PH		5	1	ESE	0	5	2	2	0	0
		PH		6	2	ESE	0	5	2	2	0	0
		PH		7	2	SE	0	5	2	2	0	0
6	20/08/2022	FG	0750	1	7	SE	0	7	2	2	0	0
		FG		2	7	SE	2	5	2	2	0	0
		FG		3	7	S	0	4	2	2	0	0
		FG		4	6	SW	1	4	2	2	0	0
		FG		5	6	SW	1	6	2	2	0	0
		FG		6	5	SW	0	6	2	2	0	0
		FG		7	5	SW	0	6	2	2	0	0
6	21/08/2022	FG	0755	1	3	W	0	6	1	2	0	0
		FG		2	3	W	0	6	1	2	0	0
		FG		3	3	W	1	6	1	2	0	0
		FG		4	3	W	2	5	1	2	0	0
		FG		5	3	W	2	6	1	2	0	0
		FG		6	3	W	1	5	1	2	0	0
6	22/08/2022	FG	0805	1	1	SE	0	3	1	2	0	0
		FG		2	2	SE	0	5	1	2	0	0
		FG		3	2	SE	0	3	2	2	0	0
		FG		4	2	SE	0	6	2	2	0	0
		FG		5	3	SE	0	7	2	2	0	0
		FG		6	3	SE	0	7	2	2	0	0
		FG		7	3	SE	0	7	2	2	0	0
6	23/08/2022	FG	0745	1	2	SE	0	5	2	2	0	0
		FG		2	2	SE	0	6	2	2	0	0
		FG		3	2	SE	0	5	2	2	0	0
		FG		4	2	SE	0	4	2	2	0	0
		FG		5	2	SE	0	4	2	2	0	0
		FG		6	2	S	0	5	2	2	0	0
		FG		7	2	S	0	6	2	2	0	0
6	24/08/2022	FG	0740	1	1	SE	1	8	1	1	0	0
		FG		2	2	S	1	8	1	2	0	0
		FG		3	2	SE	2	8	1	2	0	0
		FG		4	2	S	2	8	0	0	0	0
		FG		5	2	SW	2	7	1	2	0	0
		FG		6	2	S	0	7	1	2	0	0
		FG		7	2	NW	2	7	0	2	0	0
6	25/08/2022	PH	0730	1	3	S	0	2	2	2	0	0
		PH		2	3	S	0	2	2	2	0	0
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	SSW	0	3	2	2	0	0
		PH		5	3	SSW	0	2	2	2	0	0
		PH		6	3	SSW	0	2	2	2	0	0
		PH		7	3	S	0	2	2	2	0	0
6	25/08/2022	FG	0755	1	2	S	0	2	2	2	0	0
		FG		2	2	S	0	2	2	2	0	0
		FG		3	2	SW	0	1	2	2	0	0
		FG		4	2	SW	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	2	W	0	4	2	2	0	0
		FG		6	2	W	0	5	2	2	0	0
		FG		7	2	W	0	6	2	2	0	0
6	26/08/2022	PH	0930	1	1	SW	0	4	2	2	0	0
		PH		2	2	SW	0	4	2	2	0	0
		PH		3	2	SW	0	5	2	2	0	0
		PH		4	3	SW	0	5	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	S	0	4	2	2	0	0
		PH		7	3	S	0	4	2	2	0	0
6	26/08/2022	FG	0755	1	1	SW	0	7	1	2	0	0
		FG		2	1	SW	0	7	1	2	0	0
		FG		3	2	SW	0	2	1	2	0	0
		FG		4	2	SW	0	2	1	2	0	0
		FG		5	2	W	0	6	1	2	0	0
		FG		6	2	W	0	7	1	2	0	0
		FG		7	2	NW	0	7	1	2	0	0
6	27/08/2022	FG	0750	1	1	SW	0	8	1	2	0	0
		FG		2	1	W	0	8	1	2	0	0
		FG		3	1	NW	0	8	1	2	0	0
		FG		4	1	N	0	8	1	2	0	0
		FG		5	1	NE	0	8	1	2	0	0
		FG		6	1	NE	0	8	1	2	0	0
6	28/08/2022	FG	0755	1	2	SE	0	8	1	2	0	0
		FG		2	2	SE	0	8	1	2	0	0
		FG		3	2	SE	1	8	0	1	0	0
		FG		4	2	ESE	1	7	1	2	0	0
		FG		5	2	ESE	0	8	1	2	0	0
		FG		6	2	ESE	1	7	1	2	0	0
6	29/08/2022	FG	0755	1	3	SE	0	8	1	2	0	0
		FG		2	2	SE	0	8	1	2	0	0
		FG		3	3	SE	0	8	1	2	0	0
		FG		4	2	SE	0	8	1	2	0	0
		FG		5	2	SE	0	8	1	2	0	0
		FG		6	2	SE	0	8	1	2	0	0
6	30/08/2022	FG	0800	1	1	E	0	8	2	2	0	0
		FG		2	1	E	0	8	2	2	0	0
		FG		3	1	E	0	8	2	2	0	0
		FG		4	1	E	0	6	2	2	0	0
		FG		5	1	NE	0	6	2	2	0	0
		FG		6	1	NE	0	6	2	2	0	0
6	31/08/2022	FG	0750	1	0	SE	0	8	2	2	0	0
		FG		2	0	SE	0	8	2	2	0	0
		FG		3	1	E	0	8	2	2	0	0
		FG		4	1	E	0	8	2	2	0	0
		FG		5	2	E	0	8	2	2	0	0
		FG		6	2	E	0	8	2	2	0	0
7	02/09/2022	PH	0800	1	3	NE	0	5	2	2	0	0
		PH		2	3	NE	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	3	NE	0	8	2	2	0	0
		PH		4	3	NE	0	8	2	2	0	0
		PH		5	3	NE	0	6	2	2	0	0
		PH		6	3	NE	0	5	2	2	0	0
		PH		7	3	NE	0	4	2	2	0	0
7	10/09/2022	PH	0830	1	2	NW	0	5	2	2	0	0
		PH		2	2	N	0	5	2	2	0	0
		PH		3	3	NW	0	4	2	2	0	0
		PH		4	3	NW	0	4	2	2	0	0
		PH		5	3	NW	0	4	2	2	0	0
		PH		6	3	NW	0	4	2	2	0	0
		PH		7	3	NW	0	4	2	2	0	0
7	12/09/2022	PH	0930	1	2	S	0	5	2	2	0	0
		PH		2	2	S	0	5	2	2	0	0
		PH		3	2	SW	0	4	2	2	0	0
		PH		4	2	S	0	4	2	2	0	0
		PH		5	2	S	0	4	2	2	0	0
		PH		6	2	SW	0	5	2	2	0	0
		PH		7	2	SW	2	5	2	2	0	0
7	16/09/2022	FG	0730	1	4	N	3	7	1	1	0	0
		FG		2	4	N	1	7	1	1	0	0
		FG		3	3	NNW	0	6	2	2	0	0
		FG		4	4	NNW	0	8	2	2	0	0
		FG		5	4	NNW	1	8	2	2	0	0
		FG		6	3	NNW	3	8	2	2	0	0
		FG		7	3	NWN	1	8	2	2	0	0
7	17/09/2022	FG	0725	1	3	NW	0	7	1	2	0	0
		FG		2	3	NW	1	8	1	2	0	0
		FG		3	4	NW	3	8	1	2	0	0
		FG		4	3	NW	1	7	1	2	0	0
		FG		5	3	NW	2	8	1	2	0	0
		FG		6	3	NW	1	8	1	2	0	0
		FG		7	3	NW	0	8	1	2	0	0
7	18/09/2022	FG	0740	1	0	N	1	8	0	2	0	0
		FG		2	0	N	1	8	0	2	0	0
		FG		3	0	N	1	8	0	2	0	0
		FG		4	0	N	1	8	0	2	0	0
		FG		5	0	N	1	8	0	2	0	0
		FG		6	0	N	1	8	0	2	0	0
		FG		7	0	N	0	8	0	2	0	0
7	19/09/2022	PH	0800	1	2	W	0	4	2	2	0	0
		PH		2	2	W	0	4	2	2	0	0
		PH		3	2	W	0	4	2	2	0	0
		PH		4	2	NW	0	4	2	2	0	0
		PH		5	2	NW	0	4	2	2	0	0
		PH		6	2	NW	0	4	2	2	0	0
		PH		7	2	NW	0	4	2	2	0	0
7	19/09/2022	FG	0715	1	0	WSW	0	7	1	2	0	0
		FG		2	0	SW	0	8	1	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		3	0	SW	0	8	1	2	0	0
		FG		4	0	S	0	6	1	2	0	0
		FG		5	0	SE	0	5	2	2	0	0
		FG		6	0	SE	0	5	2	2	0	0
		FG		7	0	NE	0	5	2	2	0	0
7	20/09/2022	FG	0730	1	1	S	2	8	1	2	0	0
		FG		2	1	SW	0	8	1	2	0	0
		FG		3	1	SW	0	8	1	2	0	0
		FG		4	1	SW	0	6	2	2	0	0
		FG		5	1	SW	0	8	2	2	0	0
		FG		6	1	S	1	8	-	-	0	0
		FG		7	1	S	1	8	-	-	0	0
7	21/09/2022	FG	0720	1	1	S	0	4	2	2	0	0
		FG		2	1	S	0	6	2	2	0	0
		FG		3	1	S	0	7	2	2	0	0
		FG		4	1	S	1	8	2	2	0	0
		FG		5	2	SW	1	8	2	2	0	0
		FG		6	2	SW	2	8	2	2	0	0
		FG		7	2	SW	1	8	2	2	0	0
7	22/09/2022	FG	0735	1	2	WSW	0	1	2	2	0	0
		FG		2	2	WSW	0	1	2	2	0	0
		FG		3	3	W	0	3	2	2	0	0
		FG		4	3	W	0	3	2	2	0	0
		FG		5	3	W	0	2	2	2	0	0
		FG		6	3	W	0	4	2	2	0	0
		FG		7	4	W	0	5	2	2	0	0
7	25/09/2022	PH	0815	1	2	NW	0	4	2	2	0	0
		PH		2	2	NW	0	4	2	2	0	0
		PH		3	2	NW	0	4	2	2	0	0
		PH		4	2	NW	0	4	2	2	0	0
		PH		5	2	NW	0	5	2	2	0	0
		PH		6	2	NW	0	5	2	2	0	0
		PH		7	2	NW	0	5	2	2	0	0
7	27/09/2022	PH	0600	1	3	W	2	6	2	2	0	0
		PH		2	3	W	0	6	2	2	0	0
		PH		3	4	W	2	6	2	2	0	0
		PH		4	4	W	0	6	2	2	0	0
		PH	1730	5	4	W	0	4	2	2	0	0
		PH		6	4	W	0	4	2	2	0	0
		PH		7	4	W	0	4	2	2	0	0
		PH		8	4	W	0	4	2	2	0	0
7	28/09/2022	PH	0600	1	3	W	0	2	2	2	0	0
		PH		2	3	W	0	2	2	2	0	0
		PH		3	2	W	0	3	2	2	0	0
		PH		4	2	W	0	3	2	2	0	0
		PH	1730	5	3	W	2	4	2	2	0	0
		PH		6	3	W	0	4	2	2	0	0
		PH		7	3	W	0	4	2	2	0	0
		PH		8	3	W	0	4	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: FG = Francesco Germi

PH = Paul Higson

PJD = Paul Derbyshire

Table A1.3 provides detail of breeding corncrake survey visits and weather data.

Table A1.3 Breeding corncrake survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	16/05/2022	PH	0000	1	4	E	0	3	2	2	0	0
		PH		2	4	E	0	3	2	2	0	0
		PH		3	4	E	0	3	2	2	0	0
		PH		4	4	E	0	3	2	2	0	0
1	17/05/2022	PH	0000	1	4	NE	2	7	2	2	0	0
		PH		2	4	NE	0	7	2	2	0	0
		PH		3	4	NE	0	6	2	2	0	0
		PH		4	4	NE	0	6	2	2	0	0
1	19/05/2022	PH	0000	1	4	SE	0	1	2	2	0	0
		PH		2	4	SE	0	4	2	2	0	0
		PH		3	4	SE	2	7	2	2	0	0
		PH		4	4	SE	2	8	2	2	0	0
1	20/05/2022	PH	0000	1	4	E	0	1	2	2	0	0
		PH		2	4	E	0	2	2	2	0	0
		PH		3	4	E	0	2	2	2	0	0
		PH		4	4	E	0	3	2	2	0	0
1	22/05/2022	PH	0000	1	4	E	2	8	2	2	0	0
		PH		2	4	E	2	8	2	2	0	0
		PH		3	4	E	2	8	2	2	0	0
		PH		4	4	E	2	8	2	2	0	0
1	23/05/2022	PH	0000	1	2	NW	2	8	2	2	0	0
		PH		2	2	NW	2	8	2	2	0	0
		PH		3	2	NW	2	7	2	2	0	0
		PH		4	2	NW	2	7	2	2	0	0
1	24/05/2022	PH	0000	1	4	SW	0	7	2	2	0	0
		PH		2	4	SW	0	6	2	2	0	0
		PH		3	4	SW	0	4	2	2	0	0
		PH		4	4	SW	0	4	2	2	0	0
1	26/05/2022	PJD	0000	1	4	SE	2	4	2	2	0	0
		PJD		2	4	SE	2	4	2	2	0	0
		PJD		3	4	SE	2	4	2	2	0	0
		PJD		4	4	SE	2	4	2	2	0	0
1	27/05/2022	PH	0000	1	2	SE	1	7	2	2	0	0
		PH		2	2	SE	1	7	2	2	0	0
		PH		3	2	SE	1	6	2	2	0	0
		PH		4	2	SE	1	6	2	2	0	0
1	28/05/2022	PH	0000	1	2	ESE	0	4	2	2	0	0
		PH		2	2	ESE	0	3	2	2	0	0
		PH		3	2	SE	0	2	2	2	0	0
		PH		4	2	SE	0	2	2	2	0	0
2	01/06/2022	PH	0000	1	2	N	0	6	2	2	0	0
		PH		2	2	N	0	6	2	2	0	0
		PH		3	2	N	0	6	2	2	0	0
		PH		4	2	N	0	6	2	2	0	0
2	05/06/2022	PH	0000	1	1	W	0	2	2	2	0	0
		PH		2	1	W	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	2	W	0	2	2	2	0	0
		PH		4	2	W	0	2	2	2	0	0
2	13/06/2022	PH	0000	1	4	W	0	6	2	2	0	0
		PH		2	4	W	0	6	2	2	0	0
		PH		3	4	W	0	6	2	2	0	0
		PH		4	4	W	0	6	2	2	0	0
2	14/06/2022	PH	0000	1	2	S	0	0	2	2	0	0
		PH		2	2	S	0	0	2	2	0	0
		PH		3	2	S	0	0	2	2	0	0
		PH		4	2	S	0	0	2	2	0	0
2	18/06/2022	PH	0000	1	3	SW	0	0	2	2	0	0
		PH		2	3	SW	0	0	2	2	0	0
		PH		3	4	SW	0	0	2	2	0	0
		PH		4	4	SW	0	0	2	2	0	0
2	20/06/2022	PH	0000	1	3	NW	0	8	2	2	0	0
		PH		2	3	NW	0	8	2	2	0	0
		PH		3	3	NW	0	8	2	2	0	0
		PH		4	3	NW	0	8	2	2	0	0
2	22/06/2022	PH	0000	1	3	S	0	8	2	2	0	0
				2	3	S	0	8	2	2	0	0
				3	3	S	0	8	2	2	0	0
				4	3	S	0	7	2	2	0	0
2	24/06/2022	PH	0000	1	2	NE	0	8	2	2	0	0
				2	2	NE	0	8	2	2	0	0
				3	2	NE	0	8	2	2	0	0
				4	2	NE	0	8	2	2	0	0
2	26/06/2022	PH	1100	1	3	SE	0	1	2	2	0	0
				2	3	SE	0	1	2	2	0	0
				3	4	SE	0	2	2	2	0	0
				4	4	SE	0	2	2	2	0	0
2	28/06/2022	PH	0000	1	1	SE	0	2	2	2	0	0
				2	2	SE	0	2	2	2	0	0
				3	2	E	0	2	2	2	0	0
				4	2	E	0	2	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: *PH = Paul Higson*

PJD = Paul Derbyshire

Table A1.4 provides details of breeding diver survey visits and weather data.

Table A1.4 Breeding diver survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	03/06/2022	PH	0600	1	-	-	-	-	2	2	0	0
		PH		2	-	-	-	-	2	2	0	0
		PH		3	-	-	-	-	2	2	0	0
		PH		4	-	-	-	-	2	2	0	0
		PH		5	-	-	-	-	2	2	0	0
		PH		6	-	-	-	-	2	2	0	0
		PH		7	-	-	-	-	2	2	0	0
1	06/06/2022	PH	0600	1	2	E	0	5	2	2	0	0
		PH		2	2	E	0	5	2	2	0	0
		PH		3	3	E	0	5	2	2	0	0
		PH		4	3	NE	0	5	2	2	0	0
		PH		5	3	NE	0	5	2	2	0	0
		PH		6	3	NE	0	5	2	2	0	0
		PH		7	3	NE	0	5	2	2	0	0
1	11/06/2022	PH	0600	1	4	S	0	2	2	2	0	0
		PH		2	4	S	0	2	2	2	0	0
		PH		3	4	S	0	2	2	2	0	0
		PH		4	4	S	0	4	2	2	0	0
		PH		5	4	S	0	4	2	2	0	0
		PH		6	4	S	0	4	2	2	0	0
		PH		7	4	S	0	4	2	2	0	0
1	13/06/2022	PH	0530	1	3	W	0	5	2	2	0	0
		PH		2	3	W	0	5	2	2	0	0
		PH		3	3	W	0	5	2	2	0	0
		PH		4	3	W	0	4	2	2	0	0
		PH		5	3	W	0	4	2	2	0	0
		PH		6	3	W	0	4	2	2	0	0
		PH		7	3	W	0	4	2	2	0	0
1	14/06/2022	PH	0600	1	2	S	0	0	2	2	0	0
		PH		2	2	S	0	1	2	2	0	0
		PH		3	3	S	0	2	2	2	0	0
		PH		4	3	S	0	2	2	2	0	0
		PH		5	3	S	0	2	2	2	0	0
		PH		6	3	S	0	2	2	2	0	0
		PH		7	3	S	0	2	2	2	0	0
1	19/06/2022	PJD	1100	1	6	NW	2	8	2	2	0	0
		PJD		2	6	NW	2	8	2	2	0	0
		PJD		3	6	NW	0	8	2	2	0	0
		PJD		4	6	NW	0	8	2	2	0	0
		PJD		5	6	NW	0	8	2	2	0	0
		PJD		6	6	NW	4	8	1	1	0	0
		PJD		7	6	NW	2	8	2	2	0	0
1	20/06/2022	PJD	0700	1	-	SW	0	4	2	2	0	0
		PJD		2	-	SW	0	5	2	2	0	0
		PJD		3	-	W	0	6	2	2	0	0
		PJD		4	-	W	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PJD		5	-	W	0	6	2	2	0	0
		PJD		6	-	NW	0	6	2	2	0	0
		PJD		7	-	NW	0	6	2	2	0	0
		PJD		8	-	W	0	8	2	2	0	0
		PJD		9	-	SW	0	8	2	2	0	0
		PJD		10	-	SW	2	8	2	2	0	0
		PJD		11	-	SW	0	8	2	2	0	0
1	21/06/2022	PJD	1100	1	3	NW	0	8	0	1	0	0
		PJD		2	3	NW	0	8	2	2	0	0
		PJD		3	3	NW	0	8	2	2	0	0
		PJD		4	3	NW	0	8	2	2	0	0
		PJD		5	3	NW	0	8	2	2	0	0
		PJD		6	3	NW	0	8	2	2	0	0
		PJD		7	3	NW	0	8	2	2	0	0
1	22/06/2022	PJD	0800	1	3	SW	0	8	2	2	0	0
		PJD		2	4	SW	0	8	2	2	0	0
		PJD		3	4	SW	0	8	2	2	0	0
		PJD		4	4	WSW	0	8	2	2	0	0
		PJD		5	5	WSW	0	8	2	2	0	0
		PJD		6	5	WSW	0	8	2	2	0	0
		PJD		7	4	SW	0	7	2	2	0	0
		PJD		8	4	SW	0	6	2	2	0	0
		PJD		9	4	SW	2	5	2	2	0	0
		PJD		10	4	SW	0	4	2	2	0	0
1	23/06/2022	PJD	0600	1	3	SW	0	1	2	2	0	0
		PJD		2	3	SW	0	1	2	2	0	0
2	05/07/2022	PH	0600	1	4	NW	2	5	2	2	0	0
		PH		2	4	NW	2	5	2	2	0	0
		PH		3	4	NW	0	5	2	2	0	0
		PH		4	4	NW	0	5	2	2	0	0
		PH		5	4	NW	0	5	2	2	0	0
		PH		6	4	NW	0	5	2	2	0	0
		PH		7	4	NW	0	5	2	2	0	0
2	06/07/2022	PH	0700	1	4	SW	0	4	2	2	0	0
		PH		2	4	SW	0	4	2	2	0	0
		PH		3	4	SW	1	4	2	2	0	0
		PH		4	4	SW	1	5	2	2	0	0
		PH		5	4	SW	0	5	2	2	0	0
		PH		6	4	SW	1	5	2	2	0	0
		PH		7	4	SW	0	5	2	2	0	0
2	08/07/2022	PH	0530	1	3	W	0	6	2	2	0	0
		PH		2	3	W	0	6	2	2	0	0
		PH		3	4	W	0	6	2	2	0	0
		PH		4	4	W	0	6	2	2	0	0
		PH		5	4	W	0	6	2	2	0	0
		PH		6	4	W	0	6	2	2	0	0
		PH		7	4	W	0	6	2	2	0	0
2	19/07/2022	PH	0645	1	2	N	0	0	2	2	0	0
		PH		2	2	N	0	0	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	2	N	0	1	2	2	0	0
		PH		4	2	N	0	1	2	2	0	0
		PH		5	2	N	0	0	2	2	0	0
		PH		6	2	N	0	0	2	2	0	0
		PH		7	2	N	0	0	2	2	0	0
2	20/07/2022	PH	0900	1	2	SW	0	5	2	2	0	0
		PH		2	2	SW	0	5	2	2	0	0
		PH		3	2	SW	0	5	2	2	0	0
		PH		4	2	SW	0	5	2	2	0	0
		PH		5	2	SW	0	5	2	2	0	0
		PH		6	3	S	0	5	2	2	0	0
		PH		7	3	S	0	5	2	2	0	0
2	21/07/2022	PH	0800	1	2	NW	0	5	2	2	0	0
		PH		2	2	NW	0	5	2	2	0	0
		PH		3	3	NW	0	6	2	2	0	0
		PH		4	3	NW	0	6	2	2	0	0
		PH		5	3	W	0	6	2	2	0	0
		PH		6	4	W	0	6	2	2	0	0
		PH		7	4	W	0	6	2	2	0	0
2	23/07/2022	PH	0630	1	3	E	0	6	2	2	0	0
		PH		2	3	E	0	6	2	2	0	0
		PH		3	3	E	0	6	2	2	0	0
		PH		4	3	E	0	6	2	2	0	0
		PH		5	3	E	0	4	2	2	0	0
		PH	1315	6	3	E	0	4	2	2	0	0
		PH		7	3	E	0	4	2	2	0	0
		PH		8	3	E	0	5	2	2	0	0
2	24/07/2022	PH	0600	1	2	W	0	5	2	2	0	0
		PH		2	2	W	0	5	2	2	0	0
		PH		3	2	W	0	6	2	2	0	0
		PH		4	2	W	2	6	2	2	0	0
		PH		5	2	W	0	5	2	2	0	0
		PH		6	3	W	0	5	2	2	0	0
		PH		7	3	W	0	5	2	2	0	0
2	25/07/2022	PH	0630	1	4	N	0	4	2	2	0	0
		PH		2	4	N	2	4	2	2	0	0
		PH		3	4	N	2	4	2	2	0	0
		PH		4	4	N	2	4	2	2	0	0
		PH		5	4	N	0	4	2	2	0	0
		PH		6	4	N	0	4	2	2	0	0
		PH		7	4	N	0	4	2	2	0	0
2	28/07/2022	PH	0700	1	2	SE	0	2	2	2	0	0
		PH		2	2	SE	0	2	2	2	0	0
		PH		3	2	SE	0	2	2	2	0	0
		PH		4	2	SE	0	2	2	2	0	0
		PH	1400	5	2	SE	0	2	2	2	0	0
		PH		6	2	SE	0	2	2	2	0	0
		PH		7	2	SE	0	2	2	2	0	0
		PH		8	2	SE	0	2	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: *PH = Paul Higson*

PJD = Paul Derbyshire

Table A1.5 provides details of breeding seabird survey visits and weather data.

Table A1.5 Breeding seabird survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	10/05/2022	PH	0600	1	4	SE	0	3	2	2	0	0
		PH		2	4	SE	0	4	2	2	0	0
		PH		3	4	SE	0	6	2	2	0	0
		PH		4	4	S	0	8	2	2	0	0
1	11/05/2022	PH	0500	1	4	SE	0	7	2	2	0	0
		PH		2	4	SE	0	8	2	2	0	0
		PH		3	4	SE	2	8	2	2	0	0
		PH		4	4	SE	0	6	2	2	0	0
1	12/05/2022	PH	0500	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	S	2	7	2	2	0	0
		PH		4	4	S	2	8	2	2	0	0
1	16/05/2022	PH	0500	1	4	E	0	2	2	2	0	0
		PH		2	4	E	0	2	2	2	0	0
		PH		3	4	E	0	2	2	2	0	0
		PH		4	4	E	0	2	2	2	0	0
1	18/05/2022	PH	0500	1	4	E	2	8	2	2	0	0
		PH		2	4	E	2	8	2	2	0	0
		PH		3	4	E	0	7	2	2	0	0
		PH		4	4	E	0	7	2	2	0	0
1	26/05/2022	PJD	0500	1	4	SE	0	4	2	2	0	0
		PJD		2	4	SE	0	6	2	2	0	0
		PJD		3	4	SE	2	7	2	2	0	0
		PJD		4	4	SE	2	7	2	2	0	0
1	27/05/2022	PH	0500	1	2	SE	0	6	2	2	0	0
		PH		2	2	SE	0	6	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	SE	0	6	2	2	0	0
1	28/05/2022	PH	0500	1	3	SE	0	2	2	2	0	0
		PH		2	3	SE	0	2	2	2	0	0
		PH		3	3	SE	0	3	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
1	29/05/2022	PH	0500	1	2	S	0	6	2	2	0	0
		PH		2	2	S	0	6	2	2	0	0
		PH		3	2	S	0	6	2	2	0	0
		PH		4	2	S	0	6	2	2	0	0
1	31/05/2022	PH	0500	1	3	SE	0	3	2	2	0	0
		PH		2	3	SE	0	3	2	2	0	0
		PH		3	3	SE	0	3	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
2	01/06/2022	PH	0600	1	2	NW	0	3	2	2	0	0
		PH		2	2	NW	0	4	2	2	0	0
		PH		3	2	NW	0	4	2	2	0	0
		PH		4	2	NW	0	4	2	2	0	0
2	15/06/2022	PH	1000	1	3	S	0	4	2	2	0	0
		PH		2	3	S	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	S	0	3	2	2	0	0
2	18/06/2022	PH	1030	1	4	W	0	6	2	2	0	0
		PH		2	4	W	0	6	2	2	0	0
		PH		3	4	W	0	6	2	2	0	0
		PH		4	4	W	0	7	2	2	0	0
2	21/06/2022	PH	1030	1	3	NW	0	6	2	2	0	0
		PH		2	3	NW	0	6	2	2	0	0
		PH		3	3	NW	0	6	2	2	0	0
		PH		4	2	NW	0	6	2	2	0	0
2	23/06/2022	PH	1100	1	3	S	0	2	2	2	0	0
		PH		2	3	S	0	2	2	2	0	0
		PH		3	3	S	0	2	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
2	25/06/2022	PH	1045	1	4	SE	0	2	2	2	0	0
		PH		2	4	SE	0	2	2	2	0	0
		PH		3	4	SE	0	2	2	2	0	0
		PH		4	4	SE	0	2	2	2	0	0
2	26/06/2022	PH	1100	1	4	SE	0	2	2	2	0	0
		PH		2	4	SE	0	2	2	2	0	0
		PH		3	5	SE	0	2	2	2	0	0
		PH		4	5	SE	0	2	2	2	0	0
2	27/06/2022	PH	1130	1	4	5	0	3	2	2	0	0
		PH		2	3	5	0	3	2	2	0	0
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
2	28/06/2022	PH	1000	1	4	SE	0	2	2	2	0	0
		PH		2	4	SE	0	2	2	2	0	0
		PH		3	4	SE	0	3	2	2	0	0
		PH		4	4	SE	0	3	2	2	0	0
2	29/06/2022	PH	1130	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	6	2	2	0	0
		PH		4	4	SE	2	6	2	2	0	0
3	01/07/2022	PH	1100	1	3	NE	0	6	2	2	0	0
		PH		2	3	NE	0	6	2	2	0	0
		PH		3	3	NE	0	6	2	2	0	0
		PH		4	3	NE	0	6	2	2	0	0
3	07/07/2022	PH	0945	1	3	W	0	2	2	2	0	0
		PH		2	3	W	0	2	2	2	0	0
		PH		3	3	W	0	3	2	2	0	0
		PH		4	3	W	0	3	2	2	0	0
3	14/07/2022	PH	1115	1	3	NW	2	6	2	2	0	0
		PH		2	3	NW	0	6	2	2	0	0
		PH		3	4	NW	0	6	2	2	0	0
		PH		4	4	NW	2	6	2	2	0	0
3	15/07/2022	PH	1200	1	3	NW	0	4	2	2	0	0
		PH		2	3	NW	0	4	2	2	0	0
		PH		3	3	NW	0	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		4	3	NW	0	4	2	2	0	0
3	16/07/2022	PH	1100	1	3	S	0	4	2	2	0	0
		PH		2	3	S	0	4	2	2	0	0
		PH		3	3	S	0	4	2	2	0	0
		PH		4	3	S	0	4	2	2	0	0
3	17/07/2022	PH	1015	1	5	S	0	4	2	2	0	0
		PH		2	5	S	0	4	2	2	0	0
		PH		3	5	S	0	4	2	2	0	0
		PH		4	5	S	0	4	2	2	0	0
3	23/07/2022	PH	1000	1	3	E	0	6	2	2	0	0
		PH		2	3	E	0	5	2	2	0	0
		PH		3	3	E	0	4	2	2	0	0
		PH		4	3	E	0	4	2	2	0	0
3	26/07/2022	PH	1100	1	3	NW	2	5	2	2	0	0
		PH		2	4	WNW	2	5	2	2	0	0
		PH		3	4	WNW	2	5	2	2	0	0
		PH		4	4	WNW	2	5	2	2	0	0
3	28/07/2022	PH	1030	1	2	SE	0	1	2	2	0	0
		PH		2	2	SE	0	2	2	2	0	0
		PH		3	2	SE	0	2	2	2	0	0
		PH		4	2	SE	0	2	2	2	0	0
3	31/07/2022	PH	1100	1	3	NW	0	4	2	2	0	0
		PH		2	3	NW	0	4	2	2	0	0
		PH		3	3	NW	0	4	2	2	0	0
		PH		4	3	NW	0	4	2	2	0	0
4	09/08/2022	PH	1000	1	2	S	0	2	2	2	0	0
		PH		2	2	S	0	2	2	2	0	0
		PH		3	3	S	0	2	2	2	0	0
		PH		4	3	SE	0	2	2	2	0	0
4	10/08/2022	PH	1100	1	3	SSW	0	0	2	2	0	0
		PH		2	3	SSW	0	0	2	2	0	0
		PH		3	3	SSW	0	1	2	2	0	0
		PH		4	3	SSW	0	1	2	2	0	0
4	11/08/2022	PH	1200	1	2	SE	0	2	2	2	0	0
		PH		2	2	SE	0	2	2	2	0	0
		PH		3	2	SE	0	2	2	2	0	0
		PH		4	3	SE	0	2	2	2	0	0
4	13/08/2022	PH	1100	1	1	SE	0	8	2	2	0	0
		PH		2	1	SE	0	8	2	2	0	0
		PH		3	2	SE	0	8	2	2	0	0
		PH		4	2	SE	0	8	2	2	0	0
4	14/08/2022	PH	1100	1	2	SE	0	6	2	2	0	0
		PH		2	2	SE	0	6	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	SE	0	6	2	2	0	0
4	18/08/2022	PH	1030	1	3	S	0	2	2	2	0	0
		PH		2	3	S	0	2	2	2	0	0
		PH		3	4	S	0	2	2	2	0	0
		PH		4	4	S	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
4	24/08/2022	PH		1	2	SSE	0	3	2	2	0	0
		PH		2	2	SSE	0	3	2	2	0	0
		PH		3	2	SSE	0	3	2	2	0	0
		PH		4	3	SSE	0	3	2	2	0	0
4	29/08/2022	PH	1100	1	3	E	2	6	2	2	0	0
		PH		2	3	E	0	6	2	2	0	0
		PH		3	3	E	0	6	2	2	0	0
		PH		4	3	E	0	6	2	2	0	0
4	30/08/2022	PH	1000	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	7	2	2	0	0
		PH		3	2	NE	0	7	2	2	0	0
		PH		4	2	NE	0	7	2	2	0	0
4	31/08/2022	PH	1030	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	6	2	2	0	0
		PH		3	2	N	0	6	2	2	0	0
		PH		4	2	N	0	6	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: PH = Paul Higson

Table A1.6 provides details of winter bird survey visits and weather data.

Table A1.6 Winter bird survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	09/10/2022	PH	0800	1	4	S	0	4	2	2	0	0
		PH		2	4	S	0	4	2	2	0	0
		PH		3	4	S	2	4	2	2	0	0
		PH		4	4	S	2	5	2	2	0	0
		PH		5	4	S	0	6	2	2	0	0
		PH		6	4	S	2	5	2	2	0	0
		PH		7	4	S	0	4	2	2	0	0
1	11/10/2022	PH	0800	1	3	SW	0	4	2	2	0	0
		PH		2	3	SW	0	5	2	2	0	0
		PH		3	3	SW	0	5	2	2	0	0
		PH		4	3	S	0	4	2	2	0	0
		PH		5	3	S	0	4	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	0	3	2	2	0	0
1	12/10/2022	PH	0800	1	4	SW	0	4	2	2	0	0
		PH		2	4	SW	2	5	2	2	0	0
		PH		3	4	SW	0	5	2	2	0	0
		PH		4	4	SW	0	5	2	2	0	0
		PH		5	4	SW	0	4	2	2	0	0
		PH		6	4	SW	0	4	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
1	13/10/2022	PH	0800	1	2	SSW	0	3	2	2	0	0
		PH		2	2	SSW	0	3	2	2	0	0
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	S	0	3	2	2	0	0
		PH		5	3	S	0	3	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	0	3	2	2	0	0
1	17/10/2022	PH	0800	1	3	E	2	6	2	2	0	0
		PH		2	3	E	2	6	2	2	0	0
		PH		3	4	E	2	6	2	2	0	0
		PH		4	4	SE	2	6	2	2	0	0
		PH		5	4	SE	2	6	2	2	0	0
		PH		6	4	SE	2	6	2	2	0	0
		PH		7	4	SE	2	6	2	2	0	0
1	23/10/2022	FG	0840	1	2	E	0	8	0	1	0	0
		FG		2	3	E	1	8	0	1	0	0
		FG		3	3	SE	0	8	0	1	0	0
		FG		4	3	SE	0	8	0	1	0	0
		FG		5	3	SE	0	8	0	1	0	0
		FG		6	3	SE	0	8	0	1	0	0
		FG		7	3	SE	0	8	0	1	0	0
1	24/10/2022	FG	0830	1	5	SE	1	8	0	0	0	0
		FG		2	5	SE	1	8	0	0	0	0
		FG		3	5	E	1	8	0	0	0	0
		FG		4	5	E	1	8	0	0	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	4	E	1	8	0	0	0	0
		FG		6	3	E	0	8	0	0	0	0
		FG		7	2	E	0	8	0	0	0	0
1	25/10/2022	FG	0840	1	2	SW	0	4	2	2	0	0
		FG		2	3	SW	0	4	2	2	0	0
		FG		3	2	SW	0	3	2	2	0	0
		FG		4	2	SW	0	3	2	2	0	0
		FG		5	3	SW	0	4	2	2	0	0
		FG		6	3	S	0	5	2	2	0	0
		FG		7	2	S	0	5	2	2	0	0
1	26/10/2022	PH	0800	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	7	2	2	0	0
		PH		4	4	SE	2	7	2	2	0	0
		PH		5	4	SE	2	6	2	2	0	0
		PH		6	4	SE	2	5	2	2	0	0
		PH		7	4	SE	0	4	2	2	0	0
1	26/10/2022	FG	0840	1	7	SE	3	8	1	0	0	0
		FG		2	6	SE	0	6	1	1	0	0
		FG		3	6	SE	0	6	2	1	0	0
		FG		4	6	SE	0	8	2	1	0	0
		FG		5	5	SE	3	8	1	1	0	0
		FG		6	6	S	1	4	2	2	0	0
		FG		7	6	S	0	3	2	2	0	0
1	27/10/2022	PH	0800	1	3	S	0	5	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	3	S	0	4	2	2	0	0
		PH		4	3	S	0	4	2	2	0	0
		PH		5	3	S	0	4	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	0	3	2	2	0	0
1	27/10/2022	FG	0845	1	6	S	0	8	1	2	0	0
		FG		2	6	S	0	8	1	2	0	0
		FG		3	5	S	0	8	1	2	0	0
		FG		4	4	S	0	8	1	2	0	0
		FG		5	4	S	0	6	1	2	0	0
		FG		6	4	S	0	5	2	2	0	0
		FG		7	3	S	0	-	2	2	0	0
1	28/10/2022	PH	0800	1	3	SE	0	2	2	2	0	0
		PH		2	3	SE	0	2	2	2	0	0
		PH		3	3	SE	0	2	2	2	0	0
		PH		4	3	SE	0	1	2	2	0	0
		PH		5	3	SE	0	0	2	2	0	0
		PH		6	3	SE	0	0	2	2	0	0
		PH		7	3	SE	0	0	2	2	0	0
1	28/10/2022	FG	0840	1	3	SE	0	7	1	2	0	0
		FG		2	4	SE	0	8	1	2	0	0
		FG		3	4	SE	1	8	1	2	0	0
		FG		4	6	SE	3	8	1	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	6	SE	3	8	1	1	0	0
		FG		6	5	SE	4	8	1	1	0	0
		FG		7	4	S	3	8	1	1	0	0
1	29/10/2022	FG	0855	1	1	SW	0	1	2	2	0	0
		FG		2	1	SW	0	1	2	2	0	0
		FG		3	1	SW	0	3	2	2	0	0
		FG		4	1	S	0	3	2	2	0	0
		FG		5	3	SE	0	1	2	2	0	0
		FG		6	3	SE	0	1	2	2	0	0
		FG		7	4	SE	0	2	2	2	0	0
1	30/10/2022	FG	0745	1	3	S	0	1	0	2	0	0
		FG		2	4	SE	0	1	0	2	0	0
		FG		3	4	SE	0	3	0	2	0	0
		FG		4	4	SSE	0	3	0	2	0	0
		FG		5	5	SSE	0	3	0	2	0	0
		FG		6	5	SSE	0	7	0	2	0	0
		FG		7	5	SSE	0	8	0	2	0	0
2	11/12/2022	PH	0900	1	3	SW	2	6	2	2	0	0
		PH		2	3	SW	2	6	2	2	0	0
		PH		3	3	SW	2	6	2	2	0	0
		PH		4	3	SW	0	6	2	2	0	0
		PH		5	3	SW	0	6	2	2	0	0
		PH		6	3	SW	2	6	2	2	0	0
		PH		7	3	SW	2	6	2	2	0	0
2	12/12/2022	PH	0830	1	2	NW	0	4	2	2	0	0
		PH		2	2	NW	0	4	2	2	0	0
		PH		3	2	NW	0	4	2	2	0	0
		PH		4	2	NW	2	4	2	2	0	0
		PH		5	2	NW	2	4	2	2	0	0
		PH		6	2	NW	0	5	2	2	0	0
		PH		7	2	NW	0	5	2	2	0	0
2	13/12/2022	PH	0845	1	4	NE	0	4	2	2	0	1
		PH		2	4	NE	0	4	2	2	0	1
		PH		3	4	NNE	0	4	2	2	0	1
		PH		4	4	NNE	2	5	2	2	0	1
		PH		5	4	N	2	5	2	2	0	1
		PH		6	4	N	2	5	2	2	0	1
		PH		7	4	N	2	5	2	2	0	1
2	14/12/2022	PH	0900	1	4	NW	2	6	2	2	0	2
		PH		2	4	NW	2	6	2	2	0	2
		PH		3	4	NW	2	6	2	2	0	2
		PH		4	4	NW	0	5	2	2	0	2
		PH		5	4	NW	2	6	2	2	0	2
		PH		6	4	NW	2	6	2	2	0	2
		PH		7	4	NW	2	6	2	2	0	2
3	08/01/2023	PH	0830	1	4	S	0	5	2	2	0	0
		PH		2	4	S	0	5	2	2	0	0
		PH		3	4	S	0	5	2	2	0	0
		PH		4	4	S	2	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	S	2	6	2	2	0	0
		PH		6	4	SW	2	6	2	2	0	0
		PH		7	4	SW	2	6	2	2	0	0
3	09/01/2023	PH	0900	1	4	SW	2	6	2	2	0	0
		PH		2	4	SW	2	6	2	2	0	0
		PH		3	4	SW	0	6	2	2	0	0
		PH		4	4	SW	0	6	2	2	0	0
		PH		5	4	SW	2	6	2	2	0	0
		PH		6	4	SW	4	7	2	2	0	0
		PH		7	4	SW	4	7	2	2	0	0
3	10/01/2023	PH	0900	1	3	S	0	5	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	3	S	0	5	2	2	0	0
		PH		4	3	S	0	6	2	2	0	0
		PH		5	3	S	1	6	2	2	0	0
		PH		6	4	S	2	7	2	2	0	0
		PH		7	4	S	2	7	2	2	0	0
3	11/01/2023	PH	0900	1	4	SW	2	5	2	2	0	0
		PH		2	4	SW	2	5	2	2	0	0
		PH		3	4	SW	2	5	2	2	0	0
		PH		4	4	SW	2	6	2	2	0	0
		PH		5	4	SW	2	6	2	2	0	0
		PH		6	4	SW	2	6	2	2	0	0
		PH		7	4	SW	2	6	2	2	0	0
4	06/02/2023	PH	0830	1	4	SW	0	4	2	2	0	0
		PH		2	4	SW	0	4	2	2	0	0
		PH		3	4	SW	0	4	2	2	0	0
		PH		4	4	SW	0	4	2	2	0	0
		PH		5	4	SW	0	4	2	2	0	0
		PH		6	4	SW	0	4	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
4	07/02/2023	PH	0830	1	3	SW	0	3	2	2	0	0
		PH		2	3	SW	0	3	2	2	0	0
		PH		3	3	SW	0	3	2	2	0	0
		PH		4	3	SW	0	3	2	2	0	0
		PH		5	3	SW	0	3	2	2	0	0
		PH		6	3	SW	0	3	2	2	0	0
		PH		7	3	SW	0	3	2	2	0	0
4	08/02/2023	PH	0830	1	4	SW	0	2	2	2	0	0
		PH		2	4	SW	0	2	2	2	0	0
		PH		3	4	SW	0	2	2	2	0	0
		PH		4	4	SW	0	2	2	2	0	0
		PH		5	4	SW	0	2	2	2	0	0
		PH		6	4	SW	0	2	2	2	0	0
		PH		7	4	SW	0	2	2	2	0	0
4	09/20/2023	PH	0830	1	4	SW	2	4	2	2	0	0
		PH		2	4	SW	2	4	2	2	0	0
		PH		3	4	SW	2	4	2	2	0	0
		PH		4	4	W	0	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	W	0	4	2	2	0	0
		PH		6	4	W	0	4	2	2	0	0
		PH		7	4	W	0	4	2	2	0	0
4	10/02/2023	PH	0830	1	4	SW	2	6	2	2	0	0
		PH		2	4	SW	2	6	2	2	0	0
		PH		3	4	SW	2	6	2	2	0	0
		PH		4	4	SW	2	6	2	2	0	0
		PH		5	4	SW	0	6	2	2	0	0
		PH		6	4	SW	0	6	2	2	0	0
		PH		7	4	SW	0	6	2	2	0	0
4	11/02/2023	PH	0830	1	3	SW	0	5	2	2	0	0
		PH		2	3	SW	2	5	2	2	0	0
		PH		3	4	SW	0	5	2	2	0	0
		PH		4	4	SW	0	5	2	2	0	0
		PH		5	3	SW	0	5	2	2	0	0
		PH		6	3	SW	0	5	2	2	0	0
		PH		7	3	SW	0	5	2	2	0	0
4	12/02/2023	PH	0830	1	4	SW	0	5	2	2	0	0
		PH		2	4	SW	0	5	2	2	0	0
		PH		3	3	SW	0	5	2	2	0	0
		PH		4	3	SW	0	4	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	SW	0	4	2	2	0	0
		PH		7	3	SW	0	4	2	2	0	0
4	13/02/2023	PH	0830	1	2	SE	0	2	2	2	0	0
				2	2	SE	0	2	2	2	0	0
				3	3	SE	0	2	2	2	0	0
				4	3	SE	0	2	2	2	0	0
				5	3	SE	0	2	2	2	0	0
				6	3	SE	0	2	2	2	0	0
				7	3	SE	0	2	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: FG = Francesco Germi

PH = Paul Higson

Table A1.7 provides details of WeBS visits and weather data.

Table A1.7 WeBS visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	05/09/2022	PH	0730	1	3	S	0	6	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	3	S	0	5	2	2	0	0
		PH		4	3	S	0	4	2	2	0	0
		PH		5	4	S	0	4	2	2	0	0
		PH		6	4	S	0	4	2	2	0	0
		PH		7	4	S	0	4	2	2	0	0
1	06/09/2022	PH	0900	1	1	SSE	0	5	2	2	0	0
		PH		2	1	S	0	4	2	2	0	0
		PH		3	2	S	0	4	2	2	0	0
		PH		4	2	S	0	4	2	2	0	0
		PH		5	2	S	0	4	2	2	0	0
		PH		6	2	SSW	0	4	2	2	0	0
		PH		7	2	SSW	0	4	2	2	0	0
1	07/09/2022	PH	1000	1	2	SW	0	3	2	2	0	0
		PH		2	2	SW	0	3	2	2	0	0
		PH		3	2	SW	0	3	2	2	0	0
		PH		4	2	SW	0	4	2	2	0	0
		PH		5	2	SW	0	4	2	2	0	0
		PH		6	2	SW	0	4	2	2	0	0
		PH		7	2	SW	0	4	2	2	0	0
1	08/09/2022	PH	1100	1	2	S	0	4	2	2	0	0
		PH		2	2	S	0	4	2	2	0	0
		PH		3	2	S	0	4	2	2	0	0
		PH		4	2	S	0	4	2	2	0	0
		PH		5	2	S	0	4	2	2	0	0
		PH		6	3	S	0	4	2	2	0	0
		PH		7	3	S	0	4	2	2	0	0
1	09/09/2022	PH	1130	1	4	W	0	4	2	2	0	0
		PH		2	4	W	0	4	2	2	0	0
		PH		3	4	W	0	4	2	2	0	0
		PH		4	4	W	0	5	2	2	0	0
		PH		5	4	W	0	5	2	2	0	0
		PH		6	4	W	0	5	2	2	0	0
		PH		7	4	W	0	5	2	2	0	0
1	20/09/2022	PH	0900	1	2	E	0	5	2	2	0	0
		PH		2	2	E	0	5	2	2	0	0
		PH		3	2	E	0	4	2	2	0	0
		PH		4	2	E	0	4	2	2	0	0
		PH		5	2	NE	0	3	2	2	0	0
		PH		6	2	N	0	3	2	2	0	0
		PH		7	2	N	0	3	2	2	0	0
1	21/09/2022	PH	1000	1	1	W	0	8	2	2	0	0
		PH		2	1	W	0	8	2	2	0	0
		PH		3	1	WSW	0	7	2	2	0	0
		PH		4	2	W	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	2	W	0	4	2	2	0	0
		PH		6	2	SW	0	4	2	2	0	0
		PH		7	2	SW	0	4	2	2	0	0
1	22/09/2022	PH	1100	1	2	SW	0	4	2	2	0	0
		PH		2	2	SW	0	4	2	2	0	0
		PH		3	3	SW	0	4	2	2	0	0
		PH		4	3	SW	0	4	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	SW	0	4	2	2	0	0
		PH		7	3	SW	0	4	2	2	0	0
1	23/09/2022	PH	1130	1	3	N	0	4	2	2	0	0
		PH		2	3	N	0	3	2	2	0	0
		PH		3	3	N	0	3	2	2	0	0
		PH		4	3	N	0	3	2	2	0	0
		PH		5	3	N	0	3	2	2	0	0
		PH		6	3	N	0	4	2	2	0	0
		PH		7	3	N	0	4	2	2	0	0
1	24/09/2022	PH	1200	1	3	N	0	3	2	2	0	0
		PH		2	3	N	0	3	2	2	0	0
		PH		3	3	N	0	3	2	2	0	0
		PH		4	3	N	0	3	2	2	0	0
		PH		5	3	N	0	3	2	2	0	0
		PH		6	3	NW	0	3	2	2	0	0
		PH		7	3	NW	0	3	2	2	0	0
2	04/10/2022	PH	0730	1	4	SW	2	8	2	2	0	0
		PH		2	4	SW	2	8	2	2	0	0
		PH		3	4	SW	2	7	2	2	0	0
		PH		4	4	SW	2	7	2	2	0	0
		PH		5	4	SW	0	6	2	2	0	0
		PH		6	4	SW	0	5	2	2	0	0
		PH		7	4	SW	0	0	2	2	0	0
2	05/10/2022	PH	0825	1	4	SW	2	4	2	2	0	0
		PH	-	2	4	SW	2	4	2	2	0	0
		PH		3	4	SW	2	4	2	2	0	0
		PH		4	4	SW	2	4	2	2	0	0
		PH		5	4	SW	2	4	2	2	0	0
		PH		6	4	SW	2	4	2	2	0	0
		PH		7	4	SW	0	4	2	2	0	0
2	06/10/2022	PH	0950	1	4	SW	2	4	2	2	0	0
		PH		2	4	SW	2	5	2	2	0	0
		PH		3	4	SW	2	5	2	2	0	0
		PH		4	4	SW	2	5	2	2	0	0
		PH		5	4	SW	2	5	2	2	0	0
		PH		6	4	SW	2	4	2	2	0	0
		PH		7	4	SW	2	4	2	2	0	0
2	07/10/2022	PH	1030	1	4	W	2	4	2	2	0	0
		PH		2	4	W	2	5	2	2	0	0
		PH		3	4	W	2	5	2	2	0	0
		PH		4	4	W	2	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	W	0	4	2	2	0	0
		PH		6	4	W	0	4	2	2	0	0
		PH		7	4	W	0	4	2	2	0	0
2	08/10/2022	PH	1100	1	2	W	2	-	2	2	0	0
		PH		2	2	W	2	-	2	2	0	0
		PH		3	3	W	2	-	2	2	0	0
		PH		4	3	W	2	-	2	2	0	0
		PH		5	3	W	2	-	2	2	0	0
		PH		6	4	SW	2	-	2	2	0	0
		PH		7	4	SW	2	-	2	2	0	0
2	20/10/2022	PH	0800	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	0	5	2	2	0	0
		PH		4	4	SE	0	5	2	2	0	0
		PH		5	4	SE	0	5	2	2	0	0
		PH		6	4	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
2	21/10/2022	PH	0900	1	4	E	2	6	2	2	0	0
		PH		2	4	E	2	6	2	2	0	0
		PH		3	4	E	2	6	2	2	0	0
		PH		4	4	E	2	6	2	2	0	0
		PH		5	4	E	2	6	2	2	0	0
		PH		6	4	E	2	6	2	2	0	0
		PH		7	4	E	2	6	2	2	0	0
2	22/10/2022	PH	0930	1	4	NE	0	5	2	2	0	0
		PH		2	4	NE	0	5	2	2	0	0
		PH		3	4	NE	2	5	2	2	0	0
		PH		4	4	NE	2	5	2	2	0	0
		PH		5	4	NE	2	5	2	2	0	0
		PH		6	4	NE	0	5	2	2	0	0
		PH		7	4	NE	0	5	2	2	0	0
2	23/10/2022	PH	1015	1	3	SE	0	5	2	2	0	0
		PH		2	3	SE	0	5	2	2	0	0
		PH		3	3	SE	0	5	2	2	0	0
		PH		4	3	SE	0	5	2	2	0	0
		PH		5	3	SE	0	5	2	2	0	0
		PH		6	3	SE	0	5	2	2	0	0
		PH		7	3	SE	0	5	2	2	0	0
2	24/10/2022	PH	1100	1	3	SE	2	6	2	2	0	0
		PH		2	3	SE	2	6	2	2	0	0
		PH		3	3	SE	2	5	2	2	0	0
		PH		4	2	SE	0	5	2	2	0	0
		PH		5	2	SE	0	4	2	2	0	0
		PH		6	2	S	2	4	2	2	0	0
		PH		7	1	S	0	4	2	2	0	0
3	03/11/2022	PH	0730	1	4	SW	2	5	2	2	0	0
		PH		2	4	SW	0	5	2	2	0	0
		PH		3	4	SW	0	5	2	2	0	0
		PH		4	4	SW	2	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	SW	2	6	2	2	0	0
		PH		6	4	SW	0	6	2	2	0	0
		PH		7	4	SW	0	6	2	2	0	0
3	04/11/2022	PH	0830	1	3	W	2	5	2	2	0	0
		PH		2	3	W	2	5	2	2	0	0
		PH		3	3	W	2	5	2	2	0	0
		PH		4	3	W	2	5	2	2	0	0
		PH		5	4	W	2	5	2	2	0	0
		PH		6	4	W	2	5	2	2	0	0
		PH		7	4	W	2	5	2	2	0	0
3	05/11/2022	PH	0900	1	1	S	0	4	2	2	0	0
		PH		2	1	S	2	4	2	2	0	0
		PH		3	1	S	0	4	2	2	0	0
		PH		4	1	S	0	4	2	2	0	0
		PH		5	2	S	0	4	2	2	0	0
		PH		6	2	S	0	4	2	2	0	0
		PH		7	2	S	0	4	2	2	0	0
3	06/11/2022	PH	1100	1	3	SE	0	3	2	2	0	0
		PH		2	3	SE	0	3	2	2	0	0
		PH		3	3	SE	0	2	2	2	0	0
		PH		4	3	SE	0	2	2	2	0	0
		PH		5	3	SE	0	2	2	2	0	0
		PH		6	3	SE	0	3	2	2	0	0
		PH		7	3	SE	0	3	2	2	0	0
3	07/11/2022	PH	0930	1	2	SE	0	3	2	2	0	0
		PH		2	2	SE	0	3	2	2	0	0
		PH		3	2	SE	0	4	2	2	0	0
		PH		4	2	SE	0	4	2	2	0	0
		PH		5	2	SE	0	4	2	2	0	0
		PH		6	2	SE	0	4	2	2	0	0
		PH		7	2	SE	0	4	2	2	0	0
3	18/11/2022	PH	0720	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	0	6	2	2	0	0
		PH		3	4	SE	0	6	2	2	0	0
		PH		4	4	SE	0	6	2	2	0	0
		PH		5	4	SE	0	6	2	2	0	0
		PH		6	4	SE	0	6	2	2	0	0
		PH		7	4	SE	0	6	2	2	0	0
3	19/11/2022	PH	0800	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	5	2	2	0	0
		PH		4	4	SE	0	5	2	2	0	0
		PH		5	4	SE	0	5	2	2	0	0
		PH		6	4	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
3	20/11/2022	PH	0830	1	4	SE	2	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	6	2	2	0	0
		PH		4	4	SE	2	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	SE	2	6	2	2	0	0
		PH		6	4	SE	2	6	2	2	0	0
		PH		7	4	SE	2	6	2	2	0	0
3	21/11/2022	PH	0930	1	3	SE	2	5	2	2	0	0
		PH		2	3	SE	2	5	2	2	0	0
		PH		3	4	SE	0	5	2	2	0	0
		PH		4	4	SE	0	5	2	2	0	0
		PH		5	4	SE	0	5	2	2	0	0
		PH		6	4	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
3	22/11/2022	PH	0930	1	3	SE	0	5	2	2	0	0
		PH		2	3	SE	0	5	2	2	0	0
		PH		3	3	SE	2	6	2	2	0	0
		PH		4	3	SE	2	6	2	2	0	0
		PH		5	3	SE	2	6	2	2	0	0
		PH		6	3	SE	2	6	2	2	0	0
		PH		7	3	SE	2	6	2	2	0	0
4	03/12/2022	PH	0830	1	3	S	2	6	2	2	0	0
		PH		2	3	S	2	6	2	2	0	0
		PH		3	3	S	2	6	2	2	0	0
		PH		4	3	S	2	6	2	2	0	0
		PH		5	3	S	0	6	2	2	0	0
		PH		6	3	S	0	6	2	2	0	0
		PH		7	3	S	0	6	2	2	0	0
4	04/12/2022	PH	0830	1	3	SE	0	4	2	2	0	0
		PH		2	3	SE	0	4	2	2	0	0
		PH		3	3	SE	0	5	2	2	0	0
		PH		4	3	SE	0	5	2	2	0	0
		PH		5	3	SE	0	5	2	2	0	0
		PH		6	3	SE	0	5	2	2	0	0
		PH		7	3	SE	0	5	2	2	0	0
4	05/12/2022	PH	0830	1	2	W	0	4	2	2	0	0
		PH		2	2	W	0	4	2	2	0	0
		PH		3	2	NW	0	5	2	2	0	0
		PH		4	2	NW	0	5	2	2	0	0
		PH		5	2	N	0	4	2	2	0	0
		PH		6	2	N	0	4	2	2	0	0
		PH		7	2	N	0	4	2	2	0	0
4	06/12/2022	PH	0830	1	4	N	2	5	2	0	0	0
		PH		2	4	N	2	5	2	0	0	0
		PH		3	4	N	3	6	2	0	0	0
		PH		4	4	N	3	6	2	0	0	0
		PH		5	4	N	2	5	2	0	0	0
		PH		6	4	NNE	2	5	2	0	0	0
		PH		7	4	NNE	2	5	2	0	0	0
4	07/12/2022	PH	0830	1	4	N	2	6	2	2	0	0
		PH		2	4	N	2	6	2	2	0	0
		PH		3	4	N	2	5	2	2	0	0
		PH		4	4	N	2	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	N	2	6	2	2	0	0
		PH		6	4	N	2	6	2	2	0	0
		PH		7	4	N	2	6	2	2	0	0
4	18/12/2022	PH	0830	1	3	SE	0	4	2	2	0	0
		PH		2	3	SE	0	4	2	2	0	0
		PH		3	3	SE	0	4	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
		PH		5	3	SE	0	3	2	2	0	0
		PH		6	3	SE	0	3	2	2	0	0
		PH		7	3	SE	0	3	2	2	0	0
4	20/12/2022	PH	0830	1	3	S	0	4	2	2	0	1
		PH		2	3	S	0	4	2	2	0	1
		PH		3	3	S	0	4	2	2	0	1
		PH		4	3	SSW	0	4	2	2	0	1
		PH		5	3	SSW	0	4	2	2	0	1
		PH		6	3	SSW	0	4	2	2	0	1
		PH		7	3	SSW	0	4	2	2	0	1
4	21/12/2022	PH	0830	1	2	S	0	4	2	2	0	0
		PH		2	2	S	0	4	2	2	0	0
		PH		3	2	S	0	4	2	2	0	0
		PH		4	2	S	0	4	2	2	0	0
		PH		5	2	SSW	0	5	2	2	0	0
		PH		6	2	SSW	0	5	2	2	0	0
		PH		7	2	SSW	2	5	2	2	0	0
4	22/12/2022	PH	0830	1	4	NE	2	5	2	2	0	0
		PH		2	4	NE	2	5	2	2	0	0
		PH		3	4	NE	0	5	2	2	0	0
		PH		4	4	NE	0	5	2	2	0	0
		PH		5	4	NE	0	5	2	2	0	0
		PH		6	4	NE	2	6	2	2	0	0
		PH		7	4	NE	2	6	2	2	0	0
4	23/12/2022	PH	0830	1	3	NE	2	6	2	2	0	0
		PH		2	3	NE	2	6	2	2	0	0
		PH		3	3	NE	2	6	2	2	0	0
		PH		4	3	E	2	6	2	2	0	0
		PH		5	3	E	2	6	2	2	0	0
		PH		6	3	E	2	6	2	2	0	0
		PH		7	3	E	2	6	2	2	0	0
5	03/01/2023	PH	0830	1	3	S	0	5	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	3	S	2	6	2	2	0	0
		PH		4	3	S	2	6	2	2	0	0
		PH		5	3	S	2	6	2	2	0	0
		PH		6	3	S	0	6	2	2	0	0
		PH		7	3	S	0	5	2	2	0	0
5	04/01/2023	PH	0830	1	3	NW	0	4	2	2	0	0
		PH		2	3	NW	0	4	2	2	0	0
		PH		3	3	NW	0	5	2	2	0	0
		PH		4	3	NW	0	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	3	NW	0	4	2	2	0	0
		PH		6	3	NW	0	4	2	2	0	0
		PH		7	3	NW	0	4	2	2	0	0
5	05/01/2023	PH	0830	1	3	SW	2	5	2	2	0	0
		PH		2	3	SW	2	5	2	2	0	0
		PH		3	3	S	2	5	2	2	0	0
		PH		4	2	S	2	5	2	2	0	0
		PH		5	2	S	0	4	2	2	0	0
		PH		6	2	S	0	4	2	2	0	0
		PH		7	2	SE	0	4	2	2	0	0
5	06/01/2023	PH	0830	1	4	W	2	5	2	2	0	0
		PH		2	4	W	2	5	2	2	0	0
		PH		3	4	W	2	6	2	2	0	0
		PH		4	4	W	2	6	2	2	0	0
		PH		5	4	W	2	6	2	2	0	0
		PH		6	4	W	2	5	2	2	0	0
		PH		7	4	W	2	5	2	2	0	0
5	07/01/2023	PH	0830	1	3	S	2	5	2	2	0	0
		PH		2	3	S	2	5	2	2	0	0
		PH		3	3	S	2	6	2	2	0	0
		PH		4	3	S	0	6	2	2	0	0
		PH		5	3	S	0	6	2	2	0	0
		PH		6	3	S	0	6	2	2	0	0
		PH		7	3	S	0	6	2	2	0	0
5	08/01/2023	JS	0900	1	5	S	0	8	2	2	0	0
		JS		2	5	S	0	8	2	2	0	0
		JS		3	5	S	0	8	2	2	0	0
		JS		4	5	S	0	8	2	2	0	0
		JS		5	4	SSW	0	7	2	2	0	0
		JS		6	4	SSW	0	7	2	2	0	0
5	09/01/2023	JS	0900	1	1	S	0	1	2	2	1	0
		JS		2	1	S	0	1	2	2	1	0
		JS		3	2	S	0	1	2	2	1	0
		JS		4	2	SW	0	2	2	2	1	0
		JS		5	2	SW	0	2	2	2	1	0
		JS		6	2	W	0	2	2	2	1	0
5	10/01/2023	JS	0915	1	2	S	0	8	2	2	0	0
		JS		2	2	SE	0	8	2	2	0	0
		JS		3	3	SE	0	8	2	2	0	0
		JS		4	3	SE	0	8	2	2	0	0
		JS		5	3	SE	3	8	2	2	0	0
		JS		6	3	SE	5	8	2	2	0	0
5	11/01/2023	JS	0930	1	3	SW	2	6	2	2	0	0
		JS		2	4	SW	0	6	2	2	0	0
		JS		3	4	SW	0	6	2	2	0	0
		JS		4	3	SW	0	4	2	2	0	0
		JS		5	3	SW	0	4	2	2	0	0
		JS		6	2	SW	0	4	2	2	0	0
5	12/01/2023	JS	0930	1	1	S	0	7	2	2	1	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		2	1	S	0	7	2	2	1	0
		JS		3	1	S	0	7	2	2	0	0
		JS		4	2	SSE	1	8	2	2	0	0
		JS		5	1	SSE	1	8	2	2	0	0
		JS		6	1	SSE	1	8	2	2	0	0
5	13/01/2023	JS	0930	1	2	NNW	2	5	2	2	0	0
		JS		2	2	NNW	0	5	2	2	0	0
		JS		3	2	NNW	0	5	2	2	0	0
		JS		4	2	NNW	0	4	2	2	0	0
		JS		5	1	NNW	0	4	2	2	0	0
		JS		6	1	NNW	2	3	2	2	0	0
5	18/01/2023	PH	0830	1	4	NW	2	5	2	2	0	2
		PH		2	4	NW	2	5	2	2	0	2
		PH		3	4	NW	0	5	2	2	0	2
		PH		4	3	NW	0	5	2	2	0	2
		PH		5	3	NW	0	6	2	2	0	2
		PH		6	3	NW	2	6	2	2	0	2
		PH		7	3	NW	2	6	2	2	0	2
5	19/01/2023	JS	1000	1	2	WNW	0	7	2	2	0	2
		JS		2	2	WNW	2	7	2	2	0	2
		JS		3	3	WNW	2	7	2	2	0	2
		JS		4	3	WNW	2	8	2	2	0	2
		JS		5	3	WNW	2	8	2	2	0	2
		JS		6	3	WNW	2	8	2	2	0	2
5	19/01/2023	PH	0830	1	3	NW	0	5	2	2	0	2
		PH		2	3	NW	0	5	2	2	0	2
		PH		3	3	NW	0	6	2	2	0	2
		PH		4	3	NW	2	6	2	2	0	2
		PH		5	3	NW	2	6	2	2	0	2
		PH		6	3	NW	2	5	2	2	0	2
		PH		7	0	NW	0	5	2	2	0	2
5	20/01/2023	PH	0830	1	2	S	0	3	2	2	0	1
		PH		2	2	S	0	3	2	2	0	1
		PH		3	2	S	0	3	2	2	0	1
		PH		4	2	S	0	4	2	2	0	1
		PH		5	2	S	0	4	2	2	0	1
		PH		6	2	S	0	3	2	2	0	1
		PH		7	2	S	0	3	2	2	0	1
5	21/01/2023	PH	0830	1	4	S	2	7	2	2	0	2
		PH		2	4	S	2	7	2	2	0	2
		PH		3	4	S	2	7	2	2	0	2
		PH		4	4	S	2	7	2	2	0	2
		PH		5	4	S	2	6	2	2	0	2
		PH		6	4	S	2	6	2	2	0	2
		PH		7	4	S	2	6	2	2	0	2
5	22/01/2023	JS	1245	1	2	SSW	0	6	2	2	0	1
		JS		2	2	SSW	0	6	2	2	0	1
		JS		3	2	SSW	0	6	2	2	0	1
		JS		4	2	SSW	0	7	2	2	0	1

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
5	22/01/2023	PH	0830	1	3	S	2	5	2	2	0	0
		PH		2	3	S	2	5	2	2	0	0
		PH		3	3	S	2	6	2	2	0	0
		PH		4	3	SSW	2	6	2	2	0	0
		PH		5	3	SSW	2	6	2	2	0	0
		PH		6	3	SSW	2	6	2	2	0	0
		PH		7	3	SSW	2	6	2	2	0	0
6	01/02/2023	PH	0830	1	4	NW	2	6	2	2	0	0
		PH		2	4	NW	2	6	2	2	0	0
		PH		3	4	NW	2	6	2	2	0	0
		PH		4	4	NW	2	6	2	2	0	0
		PH		5	4	NW	2	6	2	2	0	0
		PH		6	4	NW	2	6	2	2	0	0
		PH		7	4	NW	2	6	2	2	0	0
6	02/02/2023	PH	0830	1	4	SW	4	2	6	2	2	0
		PH		2	4	SW	4	2	6	2	2	0
		PH		3	4	SW	4	2	6	2	2	0
		PH		4	4	SW	4	2	6	2	2	0
		PH		5	4	SW	4	2	6	2	2	0
		PH		6	4	SW	4	2	6	2	2	0
		PH		7	4	SW	4	2	6	2	2	0
6	03/02/2023	PH	0830	1	3	W	0	5	2	2	0	0
		PH		2	3	W	2	5	2	2	0	0
		PH		3	3	W	2	6	2	2	0	0
		PH		4	3	W	2	6	2	2	0	0
		PH		5	4	W	0	6	2	2	0	0
		PH		6	4	W	2	7	2	2	0	0
		PH		7	4	W	0	7	2	2	0	0
6	04/02/2023	PH	0830	1	4	S	0	4	2	2	0	0
		PH		2	4	S	0	4	2	2	0	0
		PH		3	4	S	0	4	2	2	0	0
		PH		4	4	S	0	5	2	2	0	0
		PH		5	4	S	2	5	2	2	0	0
		PH		6	4	S	0	4	2	2	0	0
		PH		7	4	S	2	4	2	2	0	0
6	05/02/2023	PH	0830	1	3	S	0	0	2	2	0	0
		PH		2	3	S	0	0	2	2	0	0
		PH		3	3	S	0	1	2	2	0	0
		PH		4	3	S	0	1	2	2	0	0
		PH		5	3	S	0	1	2	2	0	0
		PH		6	3	S	0	2	2	2	0	0
		PH		7	3	S	0	2	2	2	0	0
6	05/02/2023	JS	1030	1	2	S	0	8	2	2	0	0
		JS		2	2	S	0	8	2	2	0	0
		JS		3	2	S	0	8	2	2	0	0
		JS		4	2	S	0	7	2	2	0	0
		JS		5	2	S	0	7	2	2	0	0
		JS		6	2	S	0	7	2	2	0	0
6	06/02/2023	JS	1015	1	2	S	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		2	3	S	0	2	2	2	0	0
		JS		3	3	S	0	2	2	2	0	0
		JS		4	2	S	0	3	2	2	0	0
		JS		5	2	SW	0	5	2	2	0	0
		JS		6	1	SW	0	7	2	2	0	0
6	07/02/2023	JS	1015	1	1	SW	0	1	2	2	0	0
		JS		2	2	SW	0	1	2	2	0	0
		JS		3	2	SW	0	1	2	2	0	0
		JS		4	2	SW	0	5	2	2	0	0
		JS		5	2	SW	0	5	2	2	0	0
		JS		6	1	SW	0	7	2	2	0	0
6	12/02/2023	JS	0945	1	2	S	1	8	2	2	0	0
		JS		2	1	S	1	8	2	2	0	0
		JS		3	2	SW	0	8	2	2	0	0
		JS		4	2	SW	0	8	2	2	0	0
		JS		5	2	SW	0	8	2	2	0	0
		JS		6	2	SW	0	7	2	2	0	0
6	13/02/2023	JS	1000	1	2	S	0	1	2	2	1	0
		JS		2	2	S	0	1	2	2	0	0
		JS		3	2	S	0	1	2	2	0	0
		JS		4	2	S	0	1	2	2	0	0
		JS		5	2	S	0	1	2	2	0	0
		JS		6	2	S	0	1	2	2	0	0
6	14/02/2023	JS	0930	1	2	S	0	5	2	2	1	0
		JS		2	3	S	0	5	2	2	0	0
		JS		3	4	S	0	5	2	2	0	0
		JS		4	4	S	0	3	2	2	0	0
		JS		5	1	S	0	3	2	2	0	0
		JS		6	1	S	0	3	2	2	0	0
6	15/02/2023	JS	1045	1	3	S	1	8	2	2	0	0
		JS		2	3	S	1	7	2	2	0	0
		JS		3	3	S	0	7	2	2	0	0
		JS		4	4	S	0	7	2	2	0	0
		JS		5	3	S	0	4	2	2	0	0
		JS		6	2	S	0	4	2	2	0	0
6	16/02/2023	PH	0830	1	3	SW	0	6	2	2	0	0
		PH		2	3	SW	0	6	2	2	0	0
		PH		3	3	SW	0	6	2	2	0	0
		PH		4	3	SW	0	6	2	2	0	0
		PH		5	3	SW	0	6	2	2	0	0
		PH		6	3	SW	0	6	2	2	0	0
		PH		7	3	SW	2	6	2	2	0	0
6	16/02/2023	JS	1030	1	2	S	0	7	2	2	1	0
		JS		2	2	S	0	8	2	2	0	0
		JS		3	2	S	0	8	2	2	0	0
		JS		4	2	S	0	8	2	2	0	0
		JS		5	2	S	0	8	2	2	0	0
		JS		6	2	S	0	8	2	2	0	0
6	17/02/2023	PH	0830	1	4	WNW	2	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		2	4	WNW	2	4	2	2	0	0
		PH		3	4	WNW	0	5	2	2	0	0
		PH		4	4	WNW	0	5	2	2	0	0
		PH		5	4	WNW	2	5	2	2	0	0
		PH		6	4	W	2	4	2	2	0	0
		PH		7	4	W	2	4	2	2	0	0
6	18/02/2023	PH	0830	1	2	W	0	2	2	2	0	0
		PH		2	2	W	0	2	2	2	0	0
		PH		3	2	W	0	2	2	2	0	0
		PH		4	2	W	0	2	2	2	0	0
		PH		5	2	W	0	1	2	2	0	0
		PH		6	2	W	0	1	2	2	0	0
		PH		7	2	W	0	1	2	2	0	0
6	19/02/2023	PH	0830	1	4	S	2	6	2	2	0	0
		PH		2	4	S	2	6	2	2	0	0
		PH		3	4	S	2	6	2	2	0	0
		PH		4	4	S	2	6	2	2	0	0
		PH		5	4	S	2	6	2	2	0	0
		PH		6	4	S	2	6	2	2	0	0
		PH		7	4	S	2	6	2	2	0	0
6	20/02/2023	PH	0830	1	4	W	0	4	2	2	0	0
		PH		2	4	W	0	4	2	2	0	0
		PH		3	4	W	0	5	2	2	0	0
		PH		4	4	W	0	5	2	2	0	0
		PH		5	4	W	0	6	2	2	0	0
		PH		6	4	W	0	6	2	2	0	0
		PH		7	4	W	0	6	2	2	0	0
7	06/03/2023	PH	0830	1	4	NW	2	5	2	2	0	0
		PH		2	4	NW	2	5	2	2	0	0
		PH		3	4	NW	2	5	2	2	0	1
		PH		4	4	NW	0	5	2	2	0	1
		PH		5	4	NW	0	5	2	2	0	2
		PH		6	4	N	2	5	2	2	0	2
		PH		7	4	N	2	5	2	2	0	2
7	07/03/2023	PH	0830	1	4	W	2	4	2	2	0	2
		PH		2	4	W	2	4	2	2	0	2
		PH		3	4	W	2	5	2	2	0	2
		PH		4	4	NW	2	5	2	2	0	2
		PH		5	4	NW	2	6	2	2	0	2
		PH		6	4	NW	2	6	2	2	0	2
		PH		7	4	NW	2	6	2	2	0	2
7	08/03/2023	PH	0830	1	3	W	2	6	2	2	0	2
		PH		2	3	W	3	6	2	2	0	2
		PH		3	3	W	3	5	2	2	0	2
		PH		4	3	W	4	5	2	2	0	2
		PH		5	3	W	4	4	2	2	0	2
		PH		6	3	W	3	3	2	2	0	2
		PH		7	3	W	2	3	2	2	0	2
7	09/03/2023	PH	0830	1	2	W	2	3	2	2	0	2

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		2	2	W	2	3	2	2	0	2
		PH		3	2	W	2	3	2	2	0	2
		PH		4	2	N	3	2	2	2	0	2
		PH		5	2	N	3	2	2	2	0	2
		PH		6	2	NE	4	3	2	2	0	2
		PH		7	2	NE	3	3	2	2	0	2
7	10/03/2023	PH	0830	1	3	W	2	4	2	2	0	2
		PH		2	3	W	2	4	2	2	0	2
		PH		3	3	WNW	3	4	2	2	0	2
		PH		4	3	NW	4	4	2	2	0	2
		PH		5	3	NW	3	4	2	2	0	2
		PH		6	3	W	2	4	2	2	0	2
		PH		7	3	W	2	4	2	2	0	2
7	19/03/2023	PH	0830	1	2	NW	0	5	2	2	0	0
		PH		2	2	NW	0	6	2	2	0	0
		PH		3	2	NW	0	6	2	2	0	0
		PH		4	3	NW	0	6	2	2	0	0
		PH		5	3	W	0	7	2	2	0	0
		PH		6	3	W	2	7	2	2	0	0
		PH		7	3	W	2	7	2	2	0	0
7	20/03/2023	PH	0830	1	3	SE	0	6	2	2	0	0
		PH		2	3	SE	2	6	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	SE	0	6	2	2	0	0
		PH		5	3	SE	0	6	2	2	0	0
		PH		6	3	SE	0	6	2	2	0	0
		PH		7	3	SE	0	6	2	2	0	0
7	21/03/2023	PH	0830	1	2	S	2	3	2	2	0	0
		PH		2	2	S	2	3	2	2	0	0
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	S	0	3	2	2	0	0
		PH		5	3	S	0	3	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	2	3	2	2	0	0
7	22/03/2023	PH	0830	1	4	SW	0	5	2	2	0	0
		PH		2	4	SW	0	5	2	2	0	0
		PH		3	4	SW	2	4	2	2	0	0
		PH		4	4	SW	2	4	2	2	0	0
		PH		5	4	SW	2	4	2	2	0	0
		PH		6	4	SW	2	5	2	2	0	0
		PH		7	4	SW	2	5	2	2	0	0
7	23/03/2023	PH	0830	1	3	W	2	4	2	2	0	0
		PH		2	3	W	2	4	2	2	0	0
		PH		3	3	W	2	4	2	2	0	0
		PH		4	3	W	2	4	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	SW	0	4	2	2	0	0
		PH		7	3	SW	0	4	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: JS = Julian Smith

PH = Paul Higson

Table A1.8 provides details of goose and swan survey visits and weather data.

Table A1.8 Goose and swan survey visit and weather details.

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
1	01/09/2022	FG	1005	1	1	SE	0	2	2	2	0	0
		FG		2	2	SE	0	2	2	2	0	0
		FG		3	2	SE	0	4	2	2	0	0
		FG		4	3	SE	0	5	2	2	0	0
		FG		5	2	SE	0	4	2	2	0	0
		FG		6	2	SE	0	4	2	2	0	0
		FG		7	2	SE	0	4	2	2	0	0
1	02/09/2022	FG	0745	1	2	SE	0	7	2	2	0	0
		FG		2	3	SE	0	7	2	2	0	0
		FG		3	4	SE	0	6	2	2	0	0
		FG		4	4	SE	0	5	2	2	0	0
		FG		5	4	SE	0	7	2	2	0	0
		FG		6	4	SE	0	7	2	2	0	0
		FG		7	4	SE	0	6	2	2	0	0
1	03/09/2022	FG	0720	1	6	E	0	8	1	1	0	0
		FG		2	6	E	0	8	1	1	0	0
		FG		3	5	SE	0	8	1	1	0	0
		FG		4	4	SE	0	8	1	1	0	0
		FG		5	4	SE	0	7	1	1	0	0
		FG		6	5	E	0	7	1	1	0	0
		FG		7	5	E	0	8	1	1	0	0
1	04/09/2022	FG	0740	1	6	SE	1	8	1	1	0	0
		FG		2	6	SE	2	8	1	1	0	0
		FG		3	6	SE	2	8	1	1	0	0
		FG		4	6	SE	2	8	1	1	0	0
		FG		5	7	SE	2	8	1	1	0	0
		FG		6	6	SE	2	8	1	1	0	0
		FG		7	6	SE	2	8	1	1	0	0
1	05/09/2022	FG	0715	1	5	SE	1	8	0	1	0	0
		FG		2	4	SE	2	8	0	1	0	0
		FG		3	5	SE	2	8	0	1	0	0
		FG		4	5	SE	3	8	0	1	0	0
		FG		5	5	SE	3	8	0	1	0	0
		FG		6	5	SE	3	8	0	1	0	0
		FG		7	5	SE	3	8	0	1	0	0
1	06/09/2022	FG	0715	1	4	SE	1	8	0	0	0	0
		FG		2	3	SE	1	8	0	0	0	0
		FG		3	3	SE	2	8	0	0	0	0
		FG		4	3	SE	1	8	0	0	0	0
		FG		5	3	SE	1	8	0	0	0	0
		FG		6	3	SE	2	8	0	0	0	0
		FG		7	3	SE	1	8	0	0	0	0
1	07/09/2022	FG	0725	1	4	E	1	8	0	0	0	0
		FG		2	4	E	1	8	0	0	0	0
		FG		3	5	E	4	8	0	0	0	0
		FG		4	5	E	4	8	0	0	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	4	E	1	8	0	0	0	0
		FG		6	4	SE	0	8	1	1	0	0
		FG		7	4	SE	0	8	1	2	0	0
1	08/09/2022	FG	0755	1	3	E	0	8	1	1	0	0
		FG		2	3	E	0	8	1	1	0	0
		FG		3	3	E	1	8	1	1	0	0
		FG		4	3	E	1	8	1	1	0	0
		FG		5	3	E	1	8	0	0	0	0
		FG		6	4	E	1	8	0	0	0	0
		FG		7	3	E	2	8	0	0	0	0
1	09/09/2022	FG	0745	1	2	E	1	8	1	1	0	0
		FG		2	2	E	1	8	1	1	0	0
		FG		3	2	E	0	8	1	1	0	0
		FG		4	2	E	0	7	2	2	0	0
		FG		5	2	E	0	6	2	2	0	0
		FG		6	2	E	0	5	2	2	0	0
		FG		7	2	E	0	5	2	2	0	0
1	10/09/2022	FG	0710	1	0	SE	0	3	2	2	0	0
		FG		2	0	SE	0	2	2	2	0	0
		FG		3	0	SE	0	2	2	2	0	0
		FG		4	1	SE	0	5	2	2	0	0
		FG		5	1	SE	0	6	2	2	0	0
		FG		6	1	SE	0	6	2	2	0	0
		FG		7	1	SE	0	6	2	2	0	0
1	11/09/2022	PH	0800	1	2	E	0	4	2	2	0	0
		PH		2	2	E	0	4	2	2	0	0
		PH		3	2	E	0	4	2	2	0	0
		PH		4	3	SE	0	3	2	2	0	0
		PH		5	3	SE	0	3	2	2	0	0
		PH		6	3	SE	0	3	2	2	0	0
		PH		7	3	SE	0	3	2	2	0	0
1	11/09/2022	FG	0705	1	0	S	0	1	2	2	0	0
		FG		2	0	S	0	1	2	2	0	0
		FG		3	1	SE	0	4	2	2	0	0
		FG		4	2	SE	0	5	2	2	0	0
		FG		5	2	SSE	0	5	2	2	0	0
		FG		6	2	SSE	0	6	2	2	0	0
		FG		7	2	S	0	6	2	2	0	0
1	12/09/2022	FG	0715	1	4	W	0	4	2	2	0	0
		FG		2	4	W	0	5	2	2	0	0
		FG		3	3	W	0	5	2	2	0	0
		FG		4	3	SW	0	5	2	2	0	0
		FG		5	3	SW	1	6	2	2	0	0
		FG		6	3	SW	2	8	2	2	0	0
		FG		7	3	W	2	8	2	2	0	0
1	13/09/2022	FG	0720	1	3	NW	1	8	1	1	0	0
		FG		2	4	NW	1	8	1	1	0	0
		FG		3	4	WNW	2	8	1	1	0	0
		FG		4	5	WNW	0	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	4	WNW	0	8	1	2	0	0
		FG		6	5	WNW	1	8	1	2	0	0
		FG		7	5	WNW	0	7	1	2	0	0
1	14/09/2022	FG	0720	1	4	NW	1	8	2	2	0	0
		FG		2	5	NW	2	8	2	2	0	0
		FG		3	5	NW	2	8	2	2	0	0
		FG		4	5	NW	2	8	2	2	0	0
		FG		5	5	NW	2	8	2	2	0	0
		FG		6	5	NW	0	8	2	2	0	0
		FG		7	5	NW	1	8	2	2	0	0
1	15/09/2022	PH	0900	1	3	NW	0	6	2	2	0	0
		PH		2	3	NW	0	6	2	2	0	0
		PH		3	3	NW	0	6	2	2	0	0
		PH		4	3	NW	0	6	2	2	0	0
		PH		5	3	NW	0	6	2	2	0	0
		PH		6	3	NW	0	6	2	2	0	0
		PH		7	3	NW	0	6	2	2	0	0
1	15/09/2022	FG	0700	1	3	NW	3	8	0	0	0	0
		FG		2	3	NNW	2	8	0	0	0	0
		FG		3	3	NNW	2	8	1	2	0	0
		FG		4	3	NNW	4	8	1	2	0	0
		FG		5	3	N	1	7	1	2	0	0
		FG		6	3	N	0	6	1	2	0	0
		FG		7	3	NNW	0	7	1	2	0	0
1	18/09/2022	PH	0730	1	3	W	0	5	2	2	0	0
		PH		2	3	W	0	5	2	2	0	0
		PH		3	3	W	0	4	2	2	0	0
		PH		4	3	W	0	4	2	2	0	0
		PH		5	3	W	0	3	2	2	0	0
		PH		6	4	W	0	4	2	2	0	0
		PH		7	4	W	0	4	2	2	0	0
1	26/09/2022	PH	0730	1	4	NW	2	8	2	2	0	0
		PH		2	4	NW	0	8	2	2	0	0
		PH		3	4	NW	0	7	2	2	0	0
		PH		4	4	NW	0	5	2	2	0	0
		PH		5	4	NW	0	4	2	2	0	0
		PH		6	4	NW	0	4	2	2	0	0
		PH		7	4	NW	0	4	2	2	0	0
1	29/09/2022	PH	0730	1	2	NW	2	8	2	2	0	0
		PH		2	2	N	2	8	2	2	0	0
		PH		3	3	N	0	8	2	2	0	0
		PH		4	3	N	2	7	2	2	0	0
		PH		5	3	N	2	6	2	2	0	0
		PH		6	3	N	0	6	2	2	0	0
		PH		7	3	N	0	6	2	2	0	0
2	03/10/2022	PH	0730	1	2	SW	0	4	2	2	0	0
		PH		2	2	SW	0	4	2	2	0	0
		PH		3	2	SW	0	4	2	2	0	0
		PH		4	2	SW	0	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	2	SW	0	4	2	2	0	0
		PH		6	2	SW	0	4	2	2	0	0
		PH		7	2	SW	0	4	2	2	0	0
2	08/10/2022	FG	0810	1	3	W	2	8	1	1	0	0
		FG		2	3	W	2	8	1	1	0	0
		FG		3	3	W	2	6	1	1	0	0
		FG		4	4	W	0	2	2	2	0	0
		FG		5	4	W	0	4	2	2	0	0
		FG		6	4	W	0	6	2	2	0	0
		FG		7	4	SW	0	7	2	2	0	0
2	09/10/2022	FG	0750	1	6	S	0	8	1	2	0	0
		FG		2	6	S	0	8	1	2	0	0
		FG		3	6	S	0	8	1	2	0	0
		FG		4	7	S	2	8	1	2	0	0
		FG		5	7	S	2	8	1	2	0	0
		FG		6	7	S	2	8	1	1	0	0
		FG		7	7	S	2	8	1	1	0	0
2	10/10/2022	PH	0730	1	4	W	2	6	2	2	0	0
		PH		2	4	W	2	6	2	2	0	0
		PH		3	4	W	2	5	2	2	0	0
		PH		4	4	W	2	5	2	2	0	0
		PH		5	4	W	2	6	2	2	0	0
		PH		6	4	W	2	6	2	2	0	0
		PH		7	4	W	2	6	2	2	0	0
2	10/10/2022	FG	0815	1	7	W	0	4	1	2	0	0
		FG		2	7	W	2	4	1	2	0	0
		FG		3	7	W	4	6	1	2	0	0
		FG		4	7	W	2	4	2	2	0	0
		FG		5	7	W	2	4	2	2	0	0
		FG		6	7	W	4	3	2	2	0	0
		FG		7	7	W	4	4	2	2	0	0
2	11/10/2022	FG	0820	1	3	SW	1`	8	1	1	0	0
		FG		2	3	SW	0	8	1	2	0	0
		FG		3	3	SW	1	8	1	2	0	0
		FG		4	2	SW	0	8	1	2	0	0
		FG		5	2	SW	0	8	1	2	0	0
		FG		6	2	SW	0	8	1	2	0	0
		FG		7	2	SW	0	8	1	2	0	0
2	12/10/2022	FG	0810	1	3	S	0	1	2	2	0	0
		FG		2	2	S	0	1	2	2	0	0
		FG		3	2	SW	0	1	2	2	0	0
		FG		4	3	W	3	1	2	2	0	0
		FG		5	3	WNW	3	1	1	2	0	0
		FG		6	3	WNW	3	1	1	2	0	0
		FG		7	3	WNW	3	1	1	2	0	0
2	13/10/2022	FG	0815	1	2	SW	0	4	2	2	0	0
		FG		2	2	SW	0	4	2	2	0	0
		FG		3	2	S	0	4	2	2	0	0
		FG		4	2	S	0	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	3	S	0	7	1	2	0	0
		FG		6	4	S	0	8	1	2	0	0
		FG		7	5	S	0	8	1	2	0	0
2	14/10/2022	FG	0800	1	4	SW	0	3	2	2	0	0
		FG		2	4	SW	0	3	2	2	0	0
		FG		3	3	SW	0	3	2	2	0	0
		FG		4	4	SW	0	5	2	2	0	0
		FG		5	3	SW	3	7	2	2	0	0
		FG		6	3	SW	4	8	1	2	0	0
		FG		7	3	SW	3	8	1	2	0	0
2	15/10/2022	PH	0800	1	4	SE	0	4	2	2	0	0
		PH		2	4	SE	0	4	2	2	0	0
		PH		3	4	SE	0	5	2	2	0	0
		PH		4	4	SE	0	5	2	2	0	0
		PH		5	4	SE	2	6	2	2	0	0
		PH		6	4	SE	2	6	2	2	0	0
		PH		7	4	SE	2	6	2	2	0	0
2	15/10/2022	FG	0810	1	4	SE	1	8	1	1	0	0
		FG		2	4	SE	1	8	1	1	0	0
		FG		3	4	S	3	8	1	1	0	0
		FG		4	3	S	3	8	1	1	0	0
		FG		5	3	SW	3	8	1	1	0	0
		FG		6	3	SW	3	8	1	1	0	0
		FG		7	3	E	3	8	1	1	0	0
2	16/10/2022	FG	0830	1	3	SW	0	2	2	2	0	0
		FG		2	3	SW	0	2	2	2	0	0
		FG		3	3	W	0	2	2	2	0	0
		FG		4	3	W	0	2	2	2	0	0
		FG		5	4	W	0	7	2	2	0	0
		FG		6	5	W	0	4	2	2	0	0
		FG		7	4	W	0	5	2	2	0	0
2	17/10/2022	FG	0825	1	3	E	0	7	1	2	0	0
		FG		2	4	E	0	7	1	2	0	0
		FG		3	5	E	0	5	1	2	0	0
		FG		4	5	NE	0	7	1	2	0	0
		FG		5	3	NE	1	7	1	2	0	0
		FG		6	3	NE	0	8	1	2	0	0
		FG		7	3	NE	0	8	1	2	0	0
2	18/10/2022	FG	0835	1	3	N	0	7	1	2	0	0
		FG		2	2	N	0	4	1	2	0	0
		FG		3	2	N	0	4	1	2	0	0
		FG		4	1	N	0	3	2	2	0	0
		FG		5	1	N	0	7	2	2	0	0
		FG		6	1	N	0	8	1	2	0	0
		FG		7	1	N	0	8	1	2	0	0
2	19/10/2022	FG	0830	1	2	E	0	3	2	2	0	0
		FG		2	3	E	0	3	2	2	0	0
		FG		3	3	SE	0	6	2	2	0	0
		FG		4	3	SE	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		FG		5	3	SE	0	6	2	2	0	0
		FG		6	3	SE	0	6	2	2	0	0
		FG		7	3	SE	0	7	2	2	0	0
2	20/10/2022	FG	0840	1	5	SE	0	8	1	2	0	0
		FG		2	5	SE	3	8	1	2	0	0
		FG		3	5	SE	3	8	1	2	0	0
		FG		4	5	SE	3	8	1	1	0	0
		FG		5	5	SE	3	8	1	1	0	0
		FG		6	5	SE	3	8	1	1	0	0
		FG		7	5	SE	3	8	1	1	0	0
2	21/10/2022	FG	0840	1	4	E	1	8	0	1	0	0
		FG		2	5	E	1	8	0	1	0	0
		FG		3	5	E	1	8	0	1	0	0
		FG		4	5	E	1	8	0	1	0	0
		FG		5	4	NE	1	8	0	1	0	0
		FG		6	3	NE	1	8	0	1	0	0
		FG		7	3	SE	1	8	0	1	0	0
2	22/10/2022	FG	0830	1	3	E	3	8	0	0	0	0
		FG		2	3	E	3	8	0	0	0	0
		FG		3	4	E	3	8	0	0	0	0
		FG		4	4	E	3	8	0	0	0	0
		FG		5	4	E	3	8	0	0	0	0
		FG		6	4	NE	3	8	0	0	0	0
		FG		7	4	NE	3	8	0	0	0	0
2	25/10/2022	PH	0800	1	3	SSW	0	4	2	2	0	0
		PH		2	3	SSW	0	4	2	2	0	0
		PH		3	3	SSW	0	4	2	2	0	0
		PH		4	3	SSW	0	4	2	2	0	0
		PH		5	3	SSW	0	4	2	2	0	0
		PH		6	3	SSW	0	3	2	2	0	0
		PH		7	3	SSW	0	3	2	2	0	0
2	29/10/2022	PH	0815	1	1	N	0	2	2	2	0	0
		PH		2	1	N	0	2	2	2	0	0
		PH		3	1	N	0	3	2	2	0	0
		PH		4	1	N	0	4	2	2	0	0
		PH		5	1	SE	0	4	2	2	0	0
		PH		6	1	SE	0	3	2	2	0	0
		PH		7	1	SE	0	3	2	2	0	0
3	02/11/2022	PH	0700	1	3	S	0	5	2	2	0	0
		PH		2	3	S	0	5	2	2	0	0
		PH		3	3	S	0	4	2	2	0	0
		PH		4	3	S	0	4	2	2	0	0
		PH		5	4	S	0	4	2	2	0	0
		PH		6	4	S	0	4	2	2	0	0
		PH		7	4	S	0	4	2	2	0	0
	09/11/2022	PH	0800	1	4	SW	0	4	2	2	0	0
		PH		2	4	SW	0	4	2	2	0	0
		PH		3	4	SW	0	3	2	2	0	0
		PH		4	4	SW	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	4	SW	0	4	2	2	0	0
		PH		6	4	SW	0	4	2	2	0	0
		PH		7	4	SW	0	5	2	2	0	0
3	10/11/2022	MT	0800	1	4	SSW	0	6	2	2	0	0
		MT		2	4	SSW	0	7	2	2	0	0
		MT		3	5	SSW	0	6	2	2	0	0
		MT		4	5	SSW	0	7	2	2	0	0
		MT		5	6	SSW	0	8	2	2	0	0
		MT		6	6	SSW	0	8	2	2	0	0
3	11/11/2022	MT	0900	1	4	S	1	8	2	2	0	0
		MT		2	4	S	2	8	2	2	0	0
		MT		3	5	SSW	0	8	2	2	0	0
		MT		4	6	SSW	2	8	2	2	0	0
		MT		5	5	SSW	1	8	2	2	0	0
3	11/11/2022	PH	0730	1	2	SE	2	6	2	2	0	0
		PH		2	2	SE	2	6	2	2	0	0
		PH		3	3	S	2	6	2	2	0	0
		PH		4	3	S	2	6	2	2	0	0
		PH		5	3	S	2	6	2	2	0	0
		PH		6	3	S	2	6	2	2	0	0
		PH		7	3	S	2	6	2	2	0	0
3	12/11/2022	MT	0700	1	0	-	0	7	2	2	0	0
		MT		2	0	-	0	7	2	2	0	0
		MT		3	0	-	0	7	2	2	0	0
		MT		4	1	-	2	7	2	2	0	0
		MT		5	0	-	0	8	2	2	0	0
		MT		6	0	-	0	6	2	2	0	0
3	13/11/2022	MT	0930	1	3	SSW	0	1	2	2	0	0
		MT		2	3	SSW	0	3	2	2	0	0
		MT		3	3	SSW	0	4	2	2	0	0
		MT		4	3	SSW	0	4	2	2	0	0
		MT		5	2	SSW	0	4	2	2	0	0
		MT		6	2	SSW	0	4	2	2	0	0
3	14/11/2022	MT	0800	1	6	SE	0	8	2	2	0	0
		MT		2	6	SE	0	8	2	2	0	0
		MT		3	6	SE	0	7	2	2	0	0
		MT		4	5	SE	0	8	2	2	0	0
		MT		5	5	SE	0	5	2	2	0	0
3	14/11/2022	PH	0900	1	4	SE	0	4	2	2	0	0
		PH		2	4	SE	0	4	2	2	0	0
		PH		3	4	SE	0	4	2	2	0	0
		PH		4	4	SE	0	4	2	2	0	0
		PH		5	4	SE	0	4	2	2	0	0
		PH		6	4	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
3	15/11/2022	MT	0830	1	6	SE	0	8	2	2	0	0
		MT		2	6	SE	0	8	2	2	0	0
		MT		3	7	SE	0	8	2	2	0	0
		MT		4	7	SE	0	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		MT		5	7	SE	0	8	2	2	0	0
		MT		6	7	SE	3	8	2	1	0	0
3	16/11/2022	MT	0800	1	2	SSE	0	8	2	2	0	0
		MT		2	2	SSE	0	8	2	2	0	0
		MT		3	1	SSE	0	8	2	2	0	0
		MT		4	1	SSE	0	8	2	2	0	0
		MT		5	0	-	0	8	2	2	0	0
3	16/11/2022	PH	0700	1	3	SE	2	5	2	2	0	0
		PH		2	3	SE	2	5	2	2	0	0
		PH		3	3	SE	0	4	2	2	0	0
		PH		4	3	SE	0	4	2	2	0	0
		PH		5	3	SE	0	4	2	2	0	0
		PH		6	3	SE	0	4	2	2	0	0
		PH		7	3	SE	0	4	2	2	0	0
3	17/11/2022	MT	1000	1	6	SE	2	8	2	2	0	0
		MT		2	6	SE	2	8	2	2	0	0
		MT		3	6	SE	2	8	2	2	0	0
		MT		4	6	ESE	2	8	2	2	0	0
		MT		5	5	ESE	2	8	2	2	0	0
		MT		6	5	ESE	2	8	2	2	0	0
3	18/11/2022	MT	1030	1	6	ESE	3	8	2	2	0	0
		MT		2	6	ESE	3	8	2	2	0	0
		MT		3	7	ESE	2	8	2	2	0	0
		MT		4	7	ESE	0	8	2	2	0	0
		MT		5	7	ESE	0	8	2	2	0	0
		MT		6	7	ESE	1	8	1	1	0	0
3	19/11/2022	MT	0830	1	7	SE	1	6	2	2	0	0
		MT		2	7	SE	1	7	2	2	0	0
		MT		3	7	SE	1	8	2	2	0	0
		MT		4	7	SE	0	8	2	2	0	0
		MT		5	6	SE	0	8	2	2	0	0
		MT		6	6	SE	0	7	2	2	0	0
		MT		7	6	SE	0	8	2	2	0	0
3	20/11/2022	MT	1030	1	2	SE	0	5	2	2	0	0
		MT		2	2	SE	0	6	2	2	0	0
		MT		3	2	SE	1	6	2	2	0	0
		MT		4	2	SE	2	6	2	2	0	0
		MT		5	1	-	0	5	2	2	0	0
		MT		6	1	-	0	5	2	2	0	0
3	21/11/2022	MT	0820	1	1	-	0	2	2	2	1	0
		MT		2	1	-	0	2	2	2	1	0
		MT		3	1	-	0	2	2	2	1	0
		MT		4	1	-	1	6	2	2	0	0
		MT		5	1	ESE	3	7	2	2	0	0
		MT		6	2	ESE	4	8	2	2	0	0
4	01/12/2022	JS	0815	1	2	WSW	5	8	1	1	0	0
		JS		2	1	WSW	5	8	1	2	0	0
		JS		3	1	WSW	3	8	1	2	0	0
		JS		4	2	WSW	3	8	1	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		5	3	WSW	1	8	1	2	0	0
		JS		6	3	WSW	1	8	1	2	0	0
4	01/12/2022	PH	0930	1	4	S	1	6	2	2	0	0
		PH		2	4	S	1	6	2	2	0	0
		PH		3	4	S	2	7	2	2	0	0
		PH		4	4	S	2	7	2	2	0	0
		PH		5	4	S	2	7	2	2	0	0
		PH		6	4	S	2	8	2	2	0	0
		PH		7	4	S	2	8	2	2	0	0
4	02/12/2022	JS	0730	1	1	SW	0	8	2	1	0	0
		JS		2	1	SW	0	8	2	2	0	0
		JS		3	2	SW	0	8	2	2	0	0
		JS		4	1	SW	0	8	2	2	0	0
		JS		5	1	SW	0	8	2	2	0	0
		JS		6	1	SW	0	8	2	2	0	0
4	02/12/2022	PH	0900	1	3	SE	0	5	2	2	0	0
		PH		2	3	SE	0	5	2	2	0	0
		PH		3	3	SE	0	5	2	2	0	0
		PH		4	3	SE	0	5	2	2	0	0
		PH		5	3	SE	0	5	2	2	0	0
		PH		6	3	SE	0	5	2	2	0	0
		PH		7	3	SE	0	5	2	2	0	0
4	03/12/2022	JS	0830	1	2	E	0	8	2	2	0	0
		JS		2	2	E	0	8	2	2	0	0
		JS		3	2	S	0	8	2	2	0	0
		JS		4	2	S	0	8	2	2	0	0
		JS		5	2	S	0	8	2	2	0	0
		JS		6	2	S	0	8	2	2	0	0
4	04/12/2022	JS	1015	1	0	-	0	5	2	2	0	0
		JS		2	0	-	1	1	2	2	0	0
		JS		3	1	E	1	4	2	2	0	0
		JS		4	1	E	1	6	2	2	0	0
		JS		5	1	E	2	1	2	2	0	0
		JS		6	1	E	1	1	2	2	0	0
4	06/12/2022	JS	1330	1	3	N	2	8	2	2	0	0
		JS		2	3	N	2	8	2	2	0	0
		JS		3	2	N	2	8	2	0	0	0
4	07/12/2022	JS	1015	1	4	N	5	8	2	2	0	0
		JS		2	4	N	4	8	2	2	0	0
		JS		3	4	N	4	8	2	2	0	0
		JS		4	4	N	4	8	2	2	0	0
		JS		5	4	N	4	8	2	2	0	0
		JS		6	4	N	4	8	2	1	0	0
4	08/12/2022	JS	0945	1	3	N	0	6	2	2	0	0
		JS		2	3	N	2	6	2	2	0	0
		JS		3	3	N	2	7	2	2	0	0
		JS		4	3	N	4	7	2	2	0	0
		JS		5	3	N	4	8	2	2	0	0
		JS		6	3	N	4	1	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
4	09/12/2022	JS	1000	1	2	W	0	5	2	2	0	1
		JS		2	4	N	4	8	2	2	0	0
		JS		3	2	N	0	7	2	2	0	0
4	10/12/2022	JS	0845	1	1	E	0	7	2	2	0	1
		JS		2	2	E	2	5	2	2	0	0
		JS		3	2	E	0	6	2	2	0	0
		JS		4	2	E	0	6	2	2	0	0
		JS		5	2	E	5	6	2	2	0	0
4	12/12/2022	JS	0845	1	0	-	2	6	2	2	1	1
		JS		2	0	-	0	4	2	2	0	0
		JS		3	0	-	0	4	2	2	0	0
		JS		4	1	W	0	2	2	2	0	0
		JS		5	1	W	0	2	2	2	0	0
		JS		6	1	W	0	2	2	2	0	2
4	14/12/2022	JS	1000	1	3	N	2	7	2	2	0	2
		JS		2	4	NW	2	7	2	2	0	2
		JS		3	4	NW	2	7	2	2	0	2
		JS		4	3	NW	4	8	2	2	0	2
		JS		5	3	NW	4	8	2	2	0	2
		JS		6	3	NW	4	8	2	2	0	2
4	16/12/2022	JS	1300	1	1	SE	0	4	2	2	0	2
		JS		2	1	SE	0	4	2	2	0	2
		JS		3	1	SE	0	4	2	2	0	2
4	17/12/2022	JS	1300	1	4	W	5	8	2	2	0	2
		JS		2	3	W	5	8	2	2	0	2
		JS		3	3	W	2	8	2	2	0	2
4	18/12/2022	JS	0900	1	2	E	0	8	2	2	1	2
		JS		2	1	E	0	8	2	2	1	2
		JS		3	3	S	0	8	2	2	0	2
		JS		4	4	S	0	8	2	2	0	2
		JS		5	4	S	0	8	2	2	0	2
		JS		6	4	S	0	8	2	2	0	2
4	20/12/2022	JS	0930	1	3	W	0	1	2	2	0	0
		JS		2	3	W	0	1	2	2	0	0
		JS		3	3	W	0	2	2	2	0	0
4	28/12/2022	JS	0930	1	2	SW	8	2	2	2	0	1
		JS		2	2	SW	8	2	2	2	0	1
		JS		3	2	SW	8	2	2	2	0	1
		JS		4	1	W	8	2	2	2	0	1
		JS		5	1	W	8	2	2	2	0	1
		JS		6	2	W	8	2	2	2	0	1
4	28/12/2022	PH	0900	1	2	N	0	2	2	2	0	0
		PH		2	2	N	0	2	2	2	0	0
		PH		3	2	N	0	2	2	2	0	0
		PH		4	2	NW	0	2	2	2	0	0
		PH		5	2	NW	0	3	2	2	0	0
		PH		6	2	W	0	3	2	2	0	0
		PH		7	2	W	0	3	2	2	0	0
4	29/12/2022	JS	1300	1	2	W	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		2	3	W	3	8	2	2	0	0
		JS		3	4	W	5	1	2	2	0	0
4	29/12/2022	PH	0900	1	2	W	2	6	2	2	0	0
		PH		2	3	W	2	6	2	2	0	0
		PH		3	3	W	2	6	2	2	0	0
		PH		4	3	W	2	6	2	2	0	0
		PH		5	4	W	4	6	2	2	0	0
		PH		6	4	W	4	6	2	2	0	0
		PH		7	4	W	4	6	2	2	0	0
4	30/12/2022	JS	1300	1	2	W	0	7	2	2	0	1
		JS		2	2	W	0	7	2	2	0	1
		JS		3	2	W	0	7	2	0	0	1
4	30/12/2022	PH	0845	1	3	SW	2	6	2	2	0	0
		PH		2	3	SW	2	6	2	2	0	0
		PH		3	3	SW	0	6	2	2	0	0
		PH		4	3	SW	0	6	2	2	0	0
		PH		5	3	SW	0	6	2	2	0	0
		PH		6	3	SW	2	6	2	2	0	0
		PH		7	3	SW	2	6	2	2	0	0
4	31/12/2022	JS	0900	1	2	W	3	8	1	1	0	2
		JS		2	2	W	0	7	2	2	0	2
		JS		3	2	W	0	7	2	2	0	2
5	03/01/2023	JS	0915	1	3	SW	2	8	2	2	0	2
		JS		2	3	SW	0	7	2	2	0	2
		JS		3	3	SW	0	4	2	2	0	2
5	05/01/2023	JS	0915	1	2	WSW	0	6	2	2	0	1
		JS		2	1	WSW	0	6	2	2	0	1
		JS		3	2	S	0	8	2	2	0	1
		JS		4	2	S	0	8	2	2	0	1
		JS		5	2	S	0	8	2	2	0	1
		JS		6	2	S	0	8	2	2	0	1
5	06/01/2023	JS	1000	1	5	W	0	4	2	2	0	1
		JS		2	5	W	4	7	2	2	0	1
		JS		3	5	W	4	7	2	2	0	1
		JS		4	4	NW	0	7	2	2	0	1
		JS		5	3	NW	0	5	2	2	0	1
		JS		6	3	NW	0	5	2	2	0	1
5	13/01/2023	PH	0800	1	3	NW	2	6	2	2	0	0
		PH		2	3	NW	2	6	2	2	0	0
		PH		3	3	NW	2	7	2	2	0	0
		PH		4	3	NW	2	7	2	2	0	0
		PH		5	3	NW	2	7	2	2	0	0
		PH		6	3	NW	4	7	2	2	0	0
		PH		7	3	NW	4	7	2	2	0	0
5	14/01/2023	JS	1000	1	2	ESE	4	8	1	2	0	0
		JS		2	2	ESE	4	8	1	2	0	0
		JS		3	1	ESE	0	7	2	2	0	0
		JS		4	1	ESE	0	7	2	2	0	0
		JS		5	1	ESE	0	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		6	1	ESE	0	6	2	2	0	0
5	14/01/2023	PH	0830	1	4	E	4	8	2	2	0	0
		PH		2	4	E	4	8	2	2	0	0
		PH		3	4	E	4	8	2	2	0	0
		PH		4	4	E	4	8	2	2	0	0
		PH		5	4	E	2	8	2	2	0	0
		PH		6	4	E	2	7	2	2	0	0
		PH		7	4	E	2	6	2	2	0	0
5	15/01/2023	JS	1030	1	3	W	2	7	2	2	0	0
		JS		2	4	NNW	4	8	2	2	0	0
		JS		3	4	N	4	8	2	2	0	0
		JS		4	4	N	4	8	2	2	0	0
		JS		5	4	N	4	8	2	2	0	0
		JS		6	4	N	4	8	2	0	0	0
5	15/01/2023	PH	0930	1	3	NW	2	6	2	2	0	0
		PH		2	3	NW	2	6	2	2	0	0
		PH		3	3	NW	2	6	2	2	0	0
		PH		4	3	NW	2	6	2	2	0	0
		PH		5	3	NW	2	6	2	2	0	0
		PH		6	4	NW	2	6	2	2	0	0
		PH		7	4	NW	2	6	2	2	0	0
5	16/01/2023	JS	0945	1	3	W	2	8	2	2	0	1
		JS		2	3	W	2	8	2	2	0	1
		JS		3	3	W	4	8	2	2	0	1
		JS		4	3	W	5	8	2	2	0	1
		JS		5	3	W	5	8	2	0	0	1
		JS		6	3	W	5	8	2	0	0	1
5	16/01/2023	PH	0900	1	3	NW	2	6	2	2	0	0
		PH		2	3	NW	2	6	2	2	0	0
		PH		3	3	NW	4	7	2	2	0	0
		PH		4	3	NW	4	7	2	2	0	0
		PH		5	3	NW	2	7	2	2	0	0
		PH		6	3	NW	2	7	2	2	0	0
		PH		7	3	NW	4	7	2	2	0	0
5	17/01/2023	JS	0945	1	4	NW	4	8	2	2	0	2
		JS		2	4	NW	4	8	2	2	0	2
		JS		3	4	NW	4	8	2	2	0	2
		JS		4	4	NW	4	8	2	2	0	2
		JS		5	4	NW	4	8	2	2	0	2
		JS		6	4	NW	4	8	2	2	0	2
5	18/01/2023	JS	1000	1	3	N	0	8	2	2	0	2
		JS		2	3	N	4	8	2	2	0	2
		JS		3	3	N	0	7	2	2	0	2
		JS		4	3	NW	0	7	2	2	0	2
		JS		5	3	W	3	7	2	2	0	2
		JS		6	3	W	3	7	2	2	0	2
5	24/01/2023	PH	0830	1	3	SW	0	4	2	2	0	0
		PH		2	3	SW	0	4	2	2	0	0
		PH		3	3	SW	0	5	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		4	3	SW	0	5	2	2	0	0
		PH		5	3	SW	0	5	2	2	0	0
		PH		6	3	SW	0	4	2	2	0	0
		PH		7	3	SW	0	4	2	2	0	0
5	25/01/2023	PH	0900	1	4	W	2	6	2	2	0	0
		PH		2	4	W	2	6	2	2	0	0
		PH		3	4	W	4	7	2	2	0	0
		PH		4	4	W	4	8	2	2	0	0
		PH		5	4	W	4	8	2	2	0	0
		PH		6	4	NW	2	7	2	2	0	0
		PH		7	4	NW	2	6	2	2	0	0
5	26/01/2023	PH	0930	1	3	NW	0	4	2	2	0	0
		PH		2	3	N	0	4	2	2	0	0
		PH		3	3	N	2	5	2	2	0	0
		PH		4	2	N	2	5	2	2	0	0
		PH		5	2	N	0	4	2	2	0	0
		PH		6	2	N	0	4	2	2	0	0
		PH		7	2	N	0	4	2	2	0	0
5	27/01/2023	PH	0900	1	4	NW	2	6	2	2	0	0
		PH		2	4	NW	0	5	2	2	0	0
		PH		3	4	NW	0	5	2	2	0	0
		PH		4	4	NW	0	4	2	2	0	0
		PH		5	4	NW	0	4	2	2	0	0
		PH		6	4	NW	0	5	2	2	0	0
		PH		7	4	NW	0	5	2	2	0	0
5	28/01/2023	PH	0900	1	3	WSW	2	5	2	2	0	0
		PH		2	3	WSW	2	5	2	2	0	0
		PH		3	3	WSW	0	5	2	2	0	0
		PH		4	3	SW	0	5	2	2	0	0
		PH		5	3	SW	2	6	2	2	0	0
		PH		6	3	SW	2	6	2	2	0	0
		PH		7	3	SW	2	6	2	2	0	0
5	29/01/2023	PH	0900	1	4	SW	2	5	2	2	0	0
		PH		2	4	SW	2	5	2	2	0	0
		PH		3	4	SW	2	6	2	2	0	0
		PH		4	4	SW	2	6	2	2	0	0
		PH		5	4	SW	0	6	2	2	0	0
		PH		6	4	SW	0	6	2	2	0	0
		PH		7	4	SW	0	6	2	2	0	0
5	30/01/2023	PH	0900	1	4	NW	2	6	2	2	0	0
		PH		2	4	NW	4	7	2	2	0	0
		PH		3	4	NW	4	8	2	2	0	0
		PH		4	3	NW	2	7	2	2	0	0
		PH		5	3	NW	2	6	2	2	0	0
		PH		6	3	NW	0	6	2	2	0	0
		PH		7	3	NW	0	5	2	2	0	0
5	31/01/2023	PH	0900	1	4	W	2	6	2	2	0	0
		PH		2	4	W	2	6	2	2	0	0
		PH		3	4	W	2	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		4	4	W	2	7	2	2	0	0
		PH		5	4	W	2	7	2	2	0	0
		PH		6	4	W	2	7	2	2	0	0
		PH		7	4	W	2	6	2	2	0	0
6	01/02/2023	JS	1000	1	3	NW	4	7	2	2	0	1
		JS		2	3	NW	4	7	2	2	0	1
		JS		3	3	NW	2	7	2	2	0	1
		JS		4	4	NW	0	7	2	2	0	1
		JS		5	4	NW	0	7	2	2	0	1
		JS		6	4	NW	0	7	2	2	0	1
6	03/02/2023	JS	1200	1	2	W	1	8	2	2	0	0
		JS		2	0	W	1	8	2	2	0	0
		JS		3	0	W	1	8	2	2	0	0
6	04/02/2023	JS	1100	1	3	S	0	7	2	2	0	0
		JS		2	3	S	0	8	2	2	0	0
		JS		3	3	S	3	8	2	2	0	0
6	09/02/2023	JS	1045	1	5	WNW	4	7	2	2	0	0
		JS		2	5	WNW	4	8	2	2	0	0
		JS		3	5	WNW	4	8	2	2	0	0
		JS		4	4	WNW	4	8	2	2	0	0
		JS		5	5	WNW	5	8	2	2	0	0
		JS		6	5	WNW	5	8	2	2	0	0
6	10/02/2023	JS	1000	1	4	NW	2	8	2	2	0	0
		JS		2	3	NW	0	8	2	2	0	0
		JS		3	4	NW	0	7	2	2	0	0
		JS		4	5	NW	0	6	2	2	0	0
		JS		5	5	NW	0	6	2	2	0	0
		JS		6	4	NW	0	6	2	2	0	0
6	17/02/2023	JS	1300	1	5	W	4	8	2	2	0	1
		JS		2	4	W	4	8	2	2	0	1
		JS		3	4	W	2	8	2	2	0	1
6	18/02/2023	JS	1100	1	0	-	0	1	2	2	0	0
		JS		2	0	-	0	1	2	2	0	0
		JS		3	0	-	0	1	2	2	0	0
		JS		4	0	-	0	1	2	2	0	0
		JS		5	0	-	0	1	2	2	0	0
		JS		6	0	-	0	6	2	2	0	0
6	19/02/2023	JS	1230	1	3	S	5	8	2	2	0	0
		JS		2	3	S	3	8	2	2	0	0
		JS		3	4	S	5	8	2	2	0	0
6	23/02/2023	PH	0800	1	3	SW	0	2	2	2	0	0
		PH		2	3	SW	0	2	2	2	0	0
		PH		3	3	SW	0	3	2	2	0	0
		PH		4	4	SW	0	3	2	2	0	0
		PH		5	4	SW	0	4	2	2	0	0
		PH		6	4	SW	2	4	2	2	0	0
		PH		7	4	SW	2	4	2	2	0	0
6	24/02/2023	PH	0800	1	4	NW	2	4	2	2	0	0
		PH		2	4	NW	2	4	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	4	NW	0	4	2	2	0	0
		PH		4	4	NW	0	5	2	2	0	0
		PH		5	4	NW	2	5	2	2	0	0
		PH		6	4	NW	2	5	2	2	0	0
		PH		7	4	NW	0	5	2	2	0	0
6	25/02/2023	PH	0800	1	3	N	0	8	2	2	0	0
		PH		2	3	N	0	8	2	2	0	0
		PH		3	3	N	0	8	2	2	0	0
		PH		4	3	N	0	8	2	2	0	0
		PH		5	3	N	0	7	2	2	0	0
		PH		6	3	N	0	7	2	2	0	0
		PH		7	3	N	0	7	2	2	0	0
6	26/02/2023	PH	0800	1	2	W	0	1	2	2	0	0
		PH		2	2	W	0	1	2	2	0	0
		PH		3	2	W	0	1	2	2	0	0
		PH		4	2	W	0	2	2	2	0	0
		PH		5	2	W	0	2	2	2	0	0
		PH		6	2	W	0	2	2	2	0	0
		PH		7	2	W	0	2	2	2	0	0
6	27/02/2023	PH	0800	1	2	W	0	6	2	2	0	0
		PH		2	2	W	0	6	2	2	0	0
		PH		3	2	W	0	6	2	2	0	0
		PH		4	2	NW	0	6	2	2	0	0
		PH		5	2	NW	0	6	2	2	0	0
		PH		6	2	NW	0	6	2	2	0	0
		PH		7	2	NE	0	6	2	2	0	0
6	28/02/2023	PH	0800	1	3	N	0	5	2	2	0	0
		PH		2	3	N	0	5	2	2	0	0
		PH		3	3	N	0	6	2	2	0	0
		PH		4	3	N	0	6	2	2	0	0
		PH		5	3	N	0	6	2	2	0	0
		PH		6	3	N	0	5	2	2	0	0
		PH		7	3	N	0	5	2	2	0	0
7	03/03/2023	PH	0800	1	3	NW	0	8	2	2	0	0
		PH		2	3	NW	0	8	2	2	0	0
		PH		3	3	NW	0	8	2	2	0	0
		PH		4	4	NW	0	7	2	2	0	0
		PH		5	4	NW	0	7	2	2	0	0
		PH		6	4	NW	0	7	2	2	0	0
		PH		7	4	NW	0	7	2	2	0	0
7	04/03/2023	PH	0800	1	4	W	0	5	2	2	0	0
		PH		2	4	W	0	5	2	2	0	0
		PH		3	3	W	0	5	2	2	0	0
		PH		4	3	W	0	5	2	2	0	0
		PH		5	3	W	0	5	2	2	0	0
		PH		6	3	W	0	5	2	2	0	0
		PH		7	3	W	0	5	2	2	0	0
7	05/03/2023	PH	0800	1	3	S	0	2	2	2	0	0
		PH		2	3	S	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		3	3	S	0	3	2	2	0	0
		PH		4	3	S	0	3	2	2	0	0
		PH		5	3	S	0	3	2	2	0	0
		PH		6	3	S	0	3	2	2	0	0
		PH		7	3	S	0	3	2	2	0	0
7	06/03/2023	JS	1130	1	4	N	4	8	2	2	0	2
		JS		2	3	N	2	8	2	2	0	2
		JS		3	3	N	4	8	2	2	0	2
		JS		4	4	N	4	8	2	2	0	2
		JS		5	4	N	4	8	2	2	0	2
		JS		6	4	N	4	8	2	2	0	2
7	07/03/2023	JS	1100	1	4	N	2	8	2	2	0	2
		JS		2	3	N	0	8	2	2	0	2
		JS		3	4	N	5	8	2	0	0	2
		JS		4	3	N	5	8	2	0	0	2
		JS		5	1	N	5	8	2	1	0	2
		JS		6	2	N	2	8	2	2	0	2
7	08/03/2023	JS	1000	1	2	NW	0	1	2	2	0	2
		JS		2	1	NW	1	1	2	2	0	2
		JS		3	1	NW	2	1	2	2	0	2
		JS		4	1	NW	0	1	2	2	0	2
		JS		5	1	NW	0	1	2	2	0	2
		JS		6	1	NW	0	1	2	2	0	2
7	09/03/2023	JS	1000	1	1	E	0	4	2	2	0	2
		JS		2	2	E	0	4	2	2	0	2
		JS		3	2	E	0	4	2	2	0	2
		JS		4	1	E	0	2	2	2	0	2
		JS		5	1	E	0	2	2	2	0	2
		JS		6	1	E	0	2	2	2	0	2
7	10/03/2023	JS	1130	1	2	W	5	8	2	2	0	2
		JS		2	2	W	3	4	2	2	0	2
		JS		3	2	NW	0	3	2	2	0	2
		JS		4	3	NW	3		2	2	0	2
		JS		5	3	NW	0	3	2	2	0	2
		JS		6	3	NW	0	4	2	2	0	2
7	13/03/2023	JS	0800	1	4	NNE	4	8	2	2	0	2
		JS		2	4	NNE	2	8	2	2	0	2
		JS		3	3	NNE	2	8	2	2	0	2
		JS		4	4	NNE	3	8	2	2	0	2
		JS		5	4	NNE	3	8	2	2	0	2
		JS		6	4	NNE	3	8	2	2	0	2
7	13/03/2023	PH	0830	1	4	N	2	5	2	2	0	1
		PH		2	4	N	2	5	2	2	0	1
		PH		3	4	N	2	6	2	2	0	1
		PH		4	4	N	2	6	2	2	0	1
		PH		5	4	N	2	6	2	2	0	1
		PH		6	4	N	2	6	2	2	0	1
		PH		7	4	N	2	6	2	2	0	1
7	14/03/2023	JS	0915	1	3	N	0	8	2	2	0	2

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		2	3	NW	4	8	2	2	0	2
		JS		3	3	NW	0	7	2	2	0	2
		JS		4	3	NW	0	7	2	2	0	2
		JS		5	4	NW	4	7	2	2	0	2
		JS		6	4	NW	3	6	2	2	0	2
7	14/03/2023	PH	0900	1	4	NW	2	3	2	2	0	1
		PH		2	4	NW	2	3	2	2	0	1
		PH		3	4	WNW	2	4	2	2	0	1
		PH		4	4	WNW	2	4	2	2	0	1
		PH		5	4	WNW	2	4	2	2	0	1
		PH		6	4	WNW	2	5	2	2	0	1
		PH		7	4	WNW	2	5	2	2	0	1
7	15/03/2023	JS	1430	1	1	NW-W	0	5	2	2	0	2
		JS		2	1	W	0	7	2	2	0	2
		JS		3	1	W	0	1	2	2	0	2
7	15/03/2023	PH	0800	1	3	SW	0	3	2	2	0	1
		PH		2	3	SW	0	3	2	2	0	1
		PH		3	3	W	0	4	2	2	0	1
		PH		4	3	W	0	4	2	2	0	1
		PH		5	3	W	0	4	2	2	0	1
		PH		6	3	S	0	4	2	2	0	1
		PH		7	3	S	0	4	2	2	0	1
7	16/03/2023	JS	0915	1	2	S	0	8	2	2	0	2
		JS		2	1	S	3	8	2	2	0	2
		JS		3	1	S	3	8	2	2	0	2
		JS		4	1	S	3	8	2	2	0	2
		JS		5	1	S	3	8	2	2	0	2
		JS		6	1	S	0	8	2	2	0	2
7	16/03/2023	PH	0830	1	3	SE	0	6	2	2	0	0
		PH		2	3	SE	0	6	2	2	0	0
		PH		3	3	SE	2	7	2	2	0	0
		PH		4	3	SE	2	7	2	2	0	0
		PH		5	3	S	2	7	2	2	0	0
		PH		6	3	S	2	7	2	2	0	0
		PH		7	3	S	2	7	2	2	0	0
7	18/03/2023	JS	0745	1	3	S	1	8	2	2	0	0
		JS		2	3	S	1	8	2	2	0	0
		JS		3	3	S	1	8	2	2	0	0
7	23/03/2023	PH	0800	1	4	NE	2	4	2	2	0	0
		PH		2	4	NE	0	4	2	2	0	0
		PH		3	4	NE	0	4	2	2	0	0
		PH		4	4	NE	0	4	2	2	0	0
		PH		5	4	NE	0	4	2	2	0	0
		PH		6	4	NE	0	4	2	2	0	0
		PH		7	4	NE	0	4	2	2	0	0
7	24/03/20230	JS	0730	1	0	-	1	8	0	2	0	0
		JS		2	0	-	1	8	2	2	0	0
		JS		3	1	SE	4	8	2	2	0	0
		JS		4	1	SE	0	8	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		5	1	SE	0	8	2	2	0	0
		JS		6	2	SE	0	8	2	2	0	0
7	26/03/2023	PH	0800	1	3	N	0	3	2	2	0	0
		PH		2	3	N	0	3	2	2	0	0
		PH		3	3	NW	0	4	2	2	0	0
		PH		4	3	NW	0	4	2	2	0	0
		PH		5	3	N	0	5	2	2	0	0
		PH		6	3	N	0	5	2	2	0	0
		PH		7	3	NW	2	5	2	2	0	0
7	27/03/2023	PH	0800	1	3	W	0	3	2	2	0	0
		PH		2	3	W	0	3	2	2	0	0
		PH		3	3	W	0	3	2	2	0	0
		PH		4	3	W	0	4	2	2	0	0
		PH		5	3	SW	0	4	2	2	0	0
		PH		6	3	SW	0	4	2	2	0	0
		PH		7	3	SW	0	4	2	2	0	0
8	03/04/2023	JS	1230	1	3	SE	0	2	2	2	0	0
		JS		2	3	SE	0	1	2	2	0	0
		JS		3	3	SE	0	6	2	2	0	0
		JS		4	3	S	0	6	2	2	0	0
		JS		5	3	S	0	6	2	2	0	0
		JS		6	1	S	0	6	2	2	0	0
8	04/04/20230	JS	1300	1	3	S	0	7	2	2	0	0
		JS		2	3	S	0	7	2	2	0	0
		JS		3	3	SW	0	4	2	2	0	0
		JS		4	3	SW	0	4	2	2	0	0
		JS		5	3	SW	0	7	2	2	0	0
		JS		6	3	SW	0	6	2	2	0	0
8	04/04/2023	PH	0800	1	4	SW	0	5	2	2	0	0
		PH		2	4	SW	0	5	2	2	0	0
		PH		3	4	SW	0	5	2	2	0	0
		PH		4	4	SW	0	6	2	2	0	0
		PH		5	4	SW	0	6	2	2	0	0
		PH		6	4	SW	0	6	2	2	0	0
		PH		7	4	SW	0	6	2	2	0	0
8	05/04/2023	PH	0800	1	2	SSW	0	6	2	2	0	0
		PH		2	2	SSW	2	6	2	2	0	0
		PH		3	3	SSW	0	6	2	2	0	0
		PH		4	3	SSW	0	6	2	2	0	0
		PH		5	3	SSW	0	6	2	2	0	0
		PH		6	3	SSW	0	5	2	2	0	0
		PH		7	3	SSW	0	4	2	2	0	0
8	07/04/2023	JS	1000	1	1	E	0	6	2	2	0	0
		JS		2	2	NW	0	6	2	2	0	0
		JS		3	3	NE	0	4	2	2	0	0
		JS		4	3	SE	0	4	2	2	0	0
		JS		5	3	SE	0	2	2	2	0	0
		JS		6	3	SE	0	2	2	2	0	0
8	08/04/2023	PH	0800	1	4	SE	0	6	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		2	4	SE	0	6	2	2	0	0
		PH		3	4	SE	0	6	2	2	0	0
		PH		4	4	SE	0	6	2	2	0	0
		PH		5	4	SE	0	5	2	2	0	0
		PH		6	4	SE	0	5	2	2	0	0
		PH		7	4	SE	0	5	2	2	0	0
8	12/04/2023	PH	0800	1	4	SE	0	6	2	2	0	0
		PH		2	4	SE	2	6	2	2	0	0
		PH		3	4	SE	2	6	2	2	0	0
		PH		4	4	SE	2	6	2	2	0	0
		PH		5	4	SE	0	6	2	2	0	0
		PH		6	4	SE	2	6	2	2	0	0
		PH		7	4	SE	2	6	2	2	0	0
8	13/04/2023	PH	0800	1	4	E	0	3	2	2	0	0
		PH		2	4	E	0	3	2	2	0	0
		PH		3	4	E	0	4	2	2	0	0
		PH		4	3	E	0	4	2	2	0	0
		PH		5	3	E	0	4	2	2	0	0
		PH		6	3	E	0	4	2	2	0	0
		PH		7	3	E	0	4	2	2	0	0
8	16/04/2023	JS	0715	1	2	SE	0	8	2	2	0	0
		JS		2	2	S	0	8	2	2	0	0
		JS		3	2	S	0	6	2	2	0	0
		JS		4	2	S	0	6	2	2	0	0
		JS		5	2	S	0	4	2	2	0	0
		JS		6	2	S	0	4	2	2	0	0
8	16/04/2023	PH	0800	1	3	SE	0	2	2	2	0	0
		PH		2	3	SE	0	2	2	2	0	0
		PH		3	3	SE	0	2	2	2	0	0
		PH		4	4	SE	0	2	2	2	0	0
		PH		5	4	SE	0	2	2	2	0	0
		PH		6	4	SE	0	2	2	2	0	0
		PH		7	4	SE	0	2	2	2	0	0
8	17/04/2023	JS	0945	1	2	SE	0	4	2	2	0	0
		JS		2	3	SE		4	2	2	0	0
		JS		3	4	SE		3	2	2	0	0
8	17/04/2023	JS	1630	1	4	SE		3	2	2	0	0
		JS		2	3	SE		3	2	2	0	0
		JS		3	3	SE		1	2	2	0	0
8	19/04/2023	JS	1130	1	3	SE	0	0	2	2	0	0
		JS		2	3	SE	0	0	2	2	0	0
		JS		3	3	SE	0	0	2	2	0	0
		JS		4	3	SE	0	0	2	2	0	0
		JS		5	3	SE	0	0	2	2	0	0
		JS		6	3	SE	0	0	2	2	0	0
8	19/04/2023	PH	0800	1	2	E	0	2	2	2	0	0
		PH		2	2	E	0	2	2	2	0	0
		PH		3	3	E	0	2	2	2	0	0
		PH		4	3	E	0	2	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		PH		5	3	E	0	2	2	2	0	0
		PH		6	3	E	0	3	2	2	0	0
		PH		7	4	E	0	3	2	2	0	0
8	20/04/2023	PH	0800	1	2	NE	0	6	2	2	0	0
		PH		2	2	NE	0	6	2	2	0	0
		PH		3	2	NE	0	6	2	2	0	0
		PH		4	2	NE	0	5	2	2	0	0
		PH		5	3	NE	0	4	2	2	0	0
		PH		6	3	NE	0	4	2	2	0	0
		PH		7	3	NE	0	4	2	2	0	0
8	21/04/2023	JS	1600	1	2	SE	0	0	2	2	0	0
		JS		2	2	SE	0	0	2	2	0	0
		JS		3	2	SE	0	0	2	2	0	0
8	25/04/2023	PH	0800	1	4	NW	0	5	2	2	0	0
		PH		2	4	NW	0	5	2	2	0	0
		PH		3	4	NW	2	5	2	2	0	0
		PH		4	4	NW	2	5	2	2	0	0
		PH		5	4	NW	0	5	2	2	0	0
		PH		6	4	NW	0	5	2	2	0	0
		PH		7	4	NW	0	5	2	2	0	0
8	26/04/2023	JS	0800	1	1	N	4	8	2	2	0	2
		JS		2	1	N	1	6	2	2	0	1
		JS		3	2	N	1	7	2	2	0	1
8	26/04/2023	PH	0800	1	3	W	2	4	2	2	0	0
		PH		2	3	W	2	4	2	2	0	0
		PH		3	3	W	2	5	2	2	0	0
		PH		4	3	W	2	5	2	2	0	0
		PH		5	3	NW	2	5	2	2	0	0
		PH		6	3	NW	2	4	2	2	0	0
		PH		7	3	NW	0	4	2	2	0	0
8	29/04/2023	JS	1015	1	2	N	0	4	2	2	0	2
		JS		2	1	N	0	4	2	2	0	2
		JS		3	2	N	0	8	2	2	0	2
		JS		4	3	NW	0	8	2	2	0	2
		JS		5	2	NW	0	8	2	2	0	2
		JS		6	2	NW	0	8	2	2	0	2
9	03/05/2023	PH	0800	1	3	SE	0	6	2	2	0	0
		PH		2	3	SE	0	6	2	2	0	0
		PH		3	3	SE	0	6	2	2	0	0
		PH		4	3	SE	0	6	2	2	0	0
		PH		5	3	SE	0	6	2	2	0	0
		PH		6	3	SE	0	6	2	2	0	0
		PH		7	3	SE	0	6	2	2	0	0
9	04/05/2023	JS	1030	1	4	SE	0	7	2	2	0	0
		JS		2	4	SE	0	7	2	2	0	0
		JS		3	4	SE	0	7	2	2	0	0
		JS		5	4	SE	0	7	2	2	0	0
		JS		5	5	SE	0	7	2	2	0	0
		JS		6	5	SE	0	7	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
9	06/05/2023	PH	0800	1	3	SE	0	5	2	2	0	0
		PH		2	3	SE	0	5	2	2	0	0
		PH		3	3	SE	0	4	2	2	0	0
		PH		4	3	SE	0	4	2	2	0	0
		PH		5	3	SE	0	4	2	2	0	0
		PH		6	3	SE	0	4	2	2	0	0
		PH		7	3	SE	0	4	2	2	0	0
9	09/05/2023	PH	0800	1	3	NW	0	6	2	2	0	0
		PH		2	3	NW	2	6	2	2	0	0
		PH		3	2	NW	0	5	2	2	0	0
		PH		4	2	NW	0	5	2	2	0	0
		PH		5	2	NW	0	5	2	2	0	0
		PH		6	2	NW	0	4	2	2	0	0
		PH		7	2	NW	0	4	2	2	0	0
9	12/05/2023	PH	0800	1	2	SE	0	6	2	2	0	0
		PH		2	2	SE	0	6	2	2	0	0
		PH		3	2	SE	0	6	2	2	0	0
		PH		4	2	SE	0	6	2	2	0	0
		PH		5	2	SE	0	5	2	2	0	0
		PH		6	2	SE	0	5	2	2	0	0
		PH		7	3	SE	0	4	2	2	0	0
9	14/05/2023	PH	0800	1	3	WNW	2	6	2	2	0	0
		PH		2	3	WNW	2	6	2	2	0	0
		PH		3	3	WNW	2	5	2	2	0	0
		PH		4	3	NW	2	5	2	2	0	0
		PH		5	3	NW	2	6	2	2	0	0
		PH		6	3	NW	0	6	2	2	0	0
		PH		7	3	NW	0	6	2	2	0	0
9	15/05/2023	JS	1330	1	2	WNW	0	3	2	2	0	0
		JS		2	2	WNW	0	3	2	2	0	0
		JS		3	2	WNW	0	2	2	2	0	0
		JS		4	2	WNW	0	2	2	2	0	0
		JS		5	2	WNW	0	1	2	2	0	0
		JS		6	2	WNW	0	1	2	2	0	0
9	16/05/2023	JS	0530	1	3	NW	2	8	2	2	0	0
		JS		2	3	NW	0	8	2	2	0	0
		JS		3	4	NW	4	8	2	2	0	0
		JS		4	3	NW	2	8	2	2	0	0
		JS		5	4	NW	0	8	2	2	0	0
		JS		6	4	NW	0	8	2	2	0	0
9	17/05/2023	JS	0645	1	1	W	0	3	2	2	0	0
		JS		2	2	W	0	3	2	2	0	0
		JS		3	2	W	0	3	2	2	0	0
		JS		4	1	W	0	8	2	2	0	0
		JS		5	1	W	0	8	2	2	0	0
		JS		6	1	W	0	8	2	2	0	0
9	19/05/2023	JS	1000	1	1	W	0	4	2	2	0	0
		JS		2	0	-	0	3	2	2	0	0
		JS		3	1	N	0	3	2	2	0	0

Visit	Date	Surveyor	Start Time	Hour	Wind speed	Wind direction	Precipitation	Cloud cover	Cloud height	Visibility	Frost	Snow
		JS		4	2	N	0	3	2	2	0	0
		JS		5	1	N	0	3	2	2	0	0
		JS		6	1	N	0	4	2	2	0	0

Visibility; 0 = <1km; 1 = 1-2km; 2 = ≥2km

Wind direction: according to 16-point compass

Wind strength: according to the Beaufort scale

Cloud cover: in eighths of sky

Cloud height: 0 = <150m; 1 = 150-500m; 2 = >500m

Rain: 0 = None; 1 = Drizzle/Mist; 2 = Light showers; 3 = Light Rain; 4 = Heavy showers; 5 = Heavy rain

Frost: 0 = None; 1 = Ground; 2 = All day

Snow: 0 = None; 1 = Onsite; 2 = On high ground only

Surveyor: *FG = Francesco Germi*

JS = Julian Smith

MT = Michael Thornton

PH = Paul Higson

Appendix 2: Abbreviations and Acronyms

ACRONYM	DEFINITION
BoCC	Birds of Conservation Concern
BTO	British Trust for Ornithology
CBC	Common Bird Census
CBS	Countryside Bird Survey
CC-BY	Creative Commons Attribution License
CC-BY-NC	Creative Commons Attribution Non-Commercial license
CCO	Creative Commons Attribution License
cm	Centimetre
EIA	Environmental Impact Assessment
EU	European Union
HBRG	Highland Biological Recording Group
HRSG	Highland Raptor Study Group
km	Kilometres
m	Metres
LBAP	Local Biodiversity Action Plan
MCIEEM	Member of the Chartered Institute of Ecology and Environmental Management
NBN	National Biodiversity Network
OGL	Open Government Licence
RSPB	Royal Society for the Protection of Birds

ACRONYM	DEFINITION
SBL	Scottish Biodiversity List
SOC	Scottish Ornithologist Club
SNH	Scottish Natural Heritage (now known as NatureScot)
SPA	Special Protection Area
SSSI	Sites of Special Scientific Interest
UK	United Kingdom
WCA	Wildlife and Countryside Act
WeBS	Wetland Bird Survey
WWT	Wildfowl and Wetlands Trust
ZOI	Zone of Influence