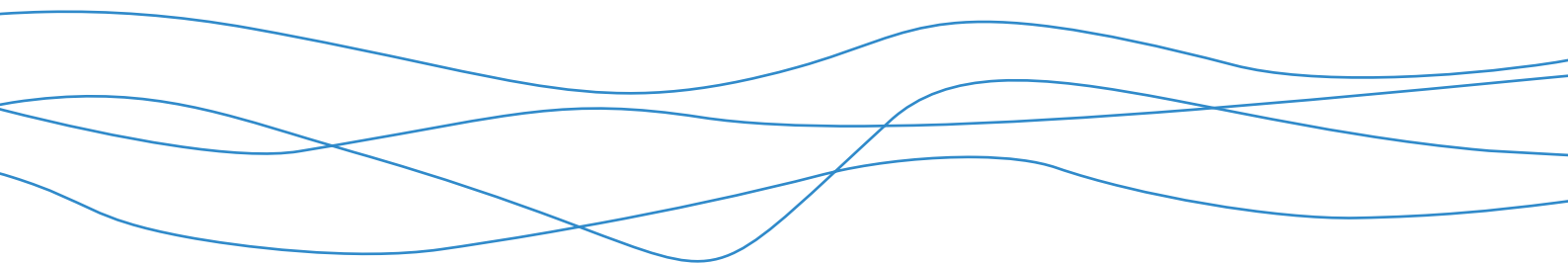




Bowdun Offshore Wind Farm, Offshore EIA Report

Volume 3, Technical Appendix 11.1, Annex B:
Unattributed Design-based Abundances of
Seabirds in Digital Aerial Surveys

TWP-BOW-RPS-OFE-RPT-00089 | April 2026



Contents

This annex contains the design-based estimates of all birds (species-level only) captured in the Digital Aerial Surveys (DAS) for the Proposed Development, before any unknown groups were attributed to known species. The estimates are presented for both the DAS Area (E3 POA plus a 12 km buffer) for all surveys and the Extended DAS Area (DAS Area extended to the Aberdeenshire coastline) for surveys flown between April and August (inclusive). 95% confidence intervals for each estimate are presented in parentheses. Species which had no estimates greater than 0 for a given area are not presented. To improve readability of the tables, hyphens are used to indicate instances when no individuals of a particular species were observed.

Three surveys were not flown within the target month and were instead flown in the following month (intended months of rescheduled surveys: March 2022, May 2022 and April 2023). To attribute counts to defined seasonal periods, surveys have been assigned to relevant seasons using the date flown. Estimates have not been corrected for availability bias. As these estimates have not been corrected for unknown species groups or availability bias, none of these estimates have been used in the Environmental Impact Assessment (EIA) or Habitats Regulations Appraisal (HRA).

Tables

Table B1.1: Common Scoter Unattributed Design-based Abundances and Densities in the Extended DAS Area	1
Table B1.2: Common Eider Unattributed Design-based Abundances and Densities in the Extended DAS Area	2
Table B1.3: Common Eider Unattributed Design-based Abundances and Densities in the Extended DAS Area	3
Table B1.4: Mallard Unattributed Design-based Abundances and Densities in the Extended DAS Area	3
Table B1.5: Red-breasted Merganser Unattributed Design-based Abundances and Densities in the Extended DAS Area	4
Table B1.6: Canada Goose Unattributed Design-based Abundances and Densities in the Extended DAS Area	4
Table B1.7: Great Northern Diver Unattributed Design-based Abundances and Densities in the DAS Area	5
Table B1.8: Great Northern Diver Unattributed Design-based Abundances and Densities in the Extended DAS Area	6
Table B1.9: Red-throated Diver Unattributed Design-based Abundances and Densities in the DAS Area	7
Table B1.10: Red-throated Diver Unattributed Design-based Abundances and Densities in the Extended DAS Area	8
Table B1.11: Fulmar Unattributed Design-based Abundances and Densities in the DAS Area	9
Table B1.12: Fulmar Unattributed Design-based Abundances and Densities in the Extended DAS Area	10
Table B1.13: Manx Shearwater Unattributed Design-based Abundances and Densities in the DAS Area	11
Table B1.14: Manx Shearwater Unattributed Design-based Abundances and Densities in the Extended DAS Area	12
Table B1.15: Sooty Shearwater Unattributed Design-based Abundances and Densities in the DAS Area	13
Table B1.16: Sooty Shearwater Unattributed Design-based Abundances and Densities in the Extended DAS Area	14
Table B1.17: European Storm Petrel Unattributed Design-based Abundances and Densities in the DAS Area	15
Table B1.18: European Storm Petrel Unattributed Design-based Abundances and Densities in the Extended DAS Area	16

Table B1.19: Leach's Storm Petrel Unattributed Design-based Abundances and Densities in the DAS Area	17
Table B1.20: Gannet Unattributed Design-based Abundances and Densities in the DAS Area.....	18
Table B1.21: Gannet Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	19
Table B1.22: Great Cormorant Unattributed Design-based Abundances and Densities in the Extended DAS Area	19
Table B1.23: European Shag Unattributed Design-based Abundances and Densities in the DAS Area	20
Table B1.24: European Shag Unattributed Design-based Abundances and Densities in the Extended DAS Area	21
Table B1.25: Great Skua Unattributed Design-based Abundances and Densities in the DAS Area..	22
Table B1.26: Great Skua Unattributed Design-based Abundances and Densities in the Extended DAS Area	23
Table B1.27: Arctic Skua Unattributed Design-based Abundances and Densities in the DAS Area..	24
Table B1.28: Arctic Skua Unattributed Design-based Abundances and Densities in the Extended DAS Area	25
Table B1.29: Kittiwake Unattributed Design-based Abundances and Densities in the DAS Area	26
Table B1.30: Kittiwake Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	26
Table B1.31: Great Black-backed Gull Unattributed Design-based Abundances and Densities in the DAS Area	28
Table B1.32: Great Black-backed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area	29
Table B1.33: Lesser Black-backed Gull Unattributed Design-based Abundances and Densities in the DAS Area.....	30
Table B1.34: Lesser Black-backed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	31
Table B1.35: Herring Gull Unattributed Design-based Abundances and Densities in the DAS Area	32
Table B1.36: Herring Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area	33
Table B1.37: Common Gull Unattributed Design-based Abundances and Densities in the DAS Area	34
Table B1.38: Common Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area	35
Table B1.39: Black-headed Gull Unattributed Design-based Abundances and Densities in the DAS Area.....	36
Table B1.40: Black-headed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area	37
Table B1.41: Little Gull Unattributed Design-based Abundances and Densities in the DAS Area	38
Table B1.42: Arctic Tern Unattributed Design-based Abundances and Densities in the DAS Area ..	39
Table B1.43: Arctic Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area	40
Table B1.44: Common Tern Unattributed Design-based Abundances and Densities in the DAS Area	41
Table B1.45: Common Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area	42
Table B1.46: Sandwich Tern Unattributed Design-based Abundances and Densities in the DAS Area	43
Table B1.47: Sandwich Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area	44
Table B1.48: Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	45
Table B1.49: Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	47
Table B1.50: Razorbill Unattributed Design-based Abundances and Densities in the DAS Area	48
Table B1.51: Razorbill Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	49
Table B1.52: Puffin Unattributed Design-based Abundances and Densities in the DAS Area	50

Table B1.53: Puffin Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	51
Table B1.54: Black Guillemot Unattributed Design-based Abundances and Densities in the DAS Area.....	52
Table B1.55: Black Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area	53
Table B1.56: Little Auk Unattributed Design-based Abundances and Densities in the DAS Area.....	54
Table B1.57: Grey Plover Unattributed Design-based Abundances and Densities in the DAS Area..	55
Table B1.58: Grey Plover Unattributed Design-based Abundances and Densities in the Extended DAS Area	56
Table B1.59: Golden Plover Unattributed Design-based Abundances and Densities in the DAS Area	57
Table B1.60: Golden Plover Unattributed Design-based Abundances and Densities in the Extended DAS Area	58
Table B1.61: Grey Heron Unattributed Design-based Abundances and Densities in the DAS Area ..	59
Table B1.62: Grey Heron Unattributed Design-based Abundances and Densities in the Extended DAS Area	60
Table B1.63: Snipe Unattributed Design-based Abundances and Densities in the DAS Area	61
Table B1.64: Oystercatcher Unattributed Design-based Abundances and Densities in the DAS Area	62
Table B1.65: Oystercatcher Unattributed Design-based Abundances and Densities in the Extended DAS Area	63
Table B1.66: Redshank Unattributed Design-based Abundances and Densities in the DAS Area	64
Table B1.67: Redshank Unattributed Design-based Abundances and Densities in the Extended DAS Area.....	65
Table B1.68: Rock Dove Unattributed Design-based Abundances and Densities in the Extended DAS Area	66
Table B1.69: Feral Pigeon Unattributed Design-based Abundances and Densities in the Extended DAS Area	66

Table B1.1: Common Scoter Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	89 (0 to 257)	93.36	104.62%	89 (0 to 257)	0 (0 to 0)	0.03 (0.00 to 0.09)	0.00 (0.00 to 0.00)
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.2: Common Eider Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	6 (0 to 17)	5.91	101.70%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	6 (0 to 17)	5.30	95.04%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.3: Common Eider Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	237 (103 to 386)	74.51	31.40%	237 (103 to 386)	0 (0 to 0)	0.09 (0.04 to 0.14)	0.00 (0.00 to 0.00)
2022-05	158 (46 to 265)	55.57	35.08%	149 (43 to 250)	9 (3 to 15)	0.06 (0.02 to 0.09)	0.00 (0.00 to 0.01)
2022-06	361 (96 to 620)	139.74	38.71%	361 (96 to 620)	0 (0 to 0)	0.13 (0.03 to 0.22)	0.00 (0.00 to 0.00)
2022-07	304 (63 to 583)	140.27	46.16%	304 (63 to 583)	0 (0 to 0)	0.11 (0.02 to 0.21)	0.00 (0.00 to 0.00)
2022-08	283 (87 to 519)	113.60	40.18%	283 (87 to 519)	0 (0 to 0)	0.10 (0.03 to 0.19)	0.00 (0.00 to 0.00)
2023-04	127 (63 to 200)	35.58	28.13%	127 (63 to 200)	0 (0 to 0)	0.05 (0.02 to 0.07)	0.00 (0.00 to 0.00)
2023-05	310 (138 to 501)	94.73	30.54%	310 (138 to 501)	0 (0 to 0)	0.11 (0.05 to 0.18)	0.00 (0.00 to 0.00)
2023-06	443 (11 to 1,219)	391.76	88.45%	443 (11 to 1,219)	0 (0 to 0)	0.16 (0.00 to 0.44)	0.00 (0.00 to 0.00)
2023-07	570 (12 to 1,332)	405.78	71.18%	570 (12 to 1,332)	0 (0 to 0)	0.20 (0.00 to 0.48)	0.00 (0.00 to 0.00)
2023-08	477 (0 to 1,173)	354.78	74.33%	477 (0 to 1,173)	0 (0 to 0)	0.17 (0.00 to 0.42)	0.00 (0.00 to 0.00)

Table B1.4: Mallard Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	36 (0 to 104)	35.92	99.77%	0 (0 to 0)	36 (0 to 104)	0.01 (0.00 to 0.04)	0.01 (0.00 to 0.04)

Table B1.5: Red-breasted Merganser Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	6 (0 to 17)	5.65	101.17%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	12 (0 to 34)	11.45	96.46%	0 (0 to 0)	12 (0 to 34)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)

Table B1.6: Canada Goose Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	28 (0 to 86)	27.92	98.05%	28 (0 to 86)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.7: Great Northern Diver Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	6 (0 to 18)	6.07	96.08%	6 (0 to 18)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.8: Great Northern Diver Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	6 (0 to 17)	5.89	101.69%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.9: Red-throated Diver Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	18 (0 to 35)	10.39	59.02%	16 (0 to 31)	2 (0 to 4)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	29 (0 to 85)	28.47	98.67%	0 (0 to 0)	29 (0 to 85)	0.01 (0.00 to 0.04)	0.01 (0.04 to 0.04)
2023-10	-	-	-	-	-	-	-
2023-11	6 (0 to 18)	6.07	97.12%	6 (0 to 18)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-12	6 (0 to 17)	5.64	100.33%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.10: Red-throated Diver Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	6 (0 to 17)	5.72	99.33%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-05	50 (17 to 82)	18.26	36.62%	33 (11 to 55)	17 (6 to 27)	0.02 (0.01 to 0.03)	0.01 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	5 (0 to 17)	5.65	103.34%	0 (0 to 0)	5 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-08	-	-	-	-	-	-	-
2023-04	53 (17 to 87)	19.23	36.47%	47 (15 to 77)	6 (2 to 10)	0.02 (0.01 to 0.03)	0.00 (0.00 to 0.00)
2023-05	51 (17 to 92)	20.09	39.36%	51 (17 to 92)	0 (0 to 0)	0.02 (0.01 to 0.03)	0.00 (0.00 to 0.00)
2023-06	6 (0 to 17)	5.91	99.20%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-07	12 (0 to 29)	8.14	67.92%	12 (0 to 29)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-08	-	-	-	-	-	-	-

Table B1.11: Fulmar Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	699 (537 to 887)	90.54	12.96%	372 (286 to 473)	327 (251 to 414)	0.35 (0.27 to 0.45)	0.16 (0.13 to 0.21)
2022-04	210 (142 to 282)	35.62	16.96%	119 (80 to 159)	91 (62 to 123)	0.11 (0.07 to 0.14)	0.05 (0.03 to 0.06)
2022-05	570 (457 to 691)	60.68	10.64%	214 (172 to 260)	356 (285 to 431)	0.29 (0.23 to 0.35)	0.18 (0.14 to 0.22)
2022-06	2,924 (1,869 to 4,080)	574.19	19.64%	1,842 (1,178 to 2,570)	1,082 (691 to 1,510)	1.47 (0.94 to 2.05)	0.54 (0.35 to 0.76)
2022-07	3,774 (2,736 to 4,951)	589.6	15.62%	1,384 (1,003 to 1,815)	2,390 (1,733 to 3,136)	1.89 (1.37 to 2.49)	1.20 (0.87 to 1.57)
2022-08	627 (509 to 749)	62.02	9.89%	236 (192 to 282)	391 (317 to 467)	0.31 (0.26 to 0.38)	0.20 (0.16 to 0.23)
2022-09	642 (501 to 791)	76.97	12.00%	191 (149 to 235)	451 (352 to 556)	0.32 (0.25 to 0.40)	0.23 (0.18 to 0.28)
2022-10	104 (62 to 153)	24.62	23.72%	23 (14 to 34)	81 (48 to 119)	0.05 (0.03 to 0.08)	0.04 (0.02 to 0.06)
2022-11	2,131 (1,746 to 2,567)	209.22	9.82%	565 (463 to 681)	1,566 (1,283 to 1,886)	1.07 (0.88 to 1.29)	0.79 (0.64 to 0.95)
2022-12	946 (777 to 1,099)	83.47	8.82%	195 (160 to 226)	751 (617 to 873)	0.47 (0.39 to 0.55)	0.38 (0.31 to 0.44)
2023-01	1,447 (1,240 to 1,622)	101.05	6.98%	202 (173 to 226)	1,245 (1,067 to 1,396)	0.73 (0.62 to 0.81)	0.63 (0.54 to 0.70)
2023-02	752 (614 to 880)	68.13	9.06%	258 (211 to 302)	494 (403 to 578)	0.38 (0.31 to 0.44)	0.25 (0.20 to 0.29)
2023-03	1,020 (859 to 1,180)	83.66	8.20%	527 (444 to 610)	493 (415 to 570)	0.51 (0.43 to 0.59)	0.25 (0.21 to 0.29)
2023-04	4,085 (2,510 to 5,669)	837.05	20.49%	3,389 (2,082 to 4,703)	696 (428 to 966)	2.05 (1.26 to 2.85)	0.35 (0.21 to 0.49)
2023-05	716 (579 to 851)	70.59	9.85%	320 (259 to 381)	396 (320 to 470)	0.36 (0.29 to 0.43)	0.20 (0.16 to 0.24)
2023-06	531 (386 to 683)	74.63	14.05%	370 (269 to 476)	161 (117 to 207)	0.27 (0.19 to 0.34)	0.08 (0.06 to 0.10)
2023-07	481 (369 to 582)	56.26	11.70%	158 (121 to 191)	323 (248 to 391)	0.24 (0.19 to 0.29)	0.16 (0.12 to 0.20)
2023-08	1,331 (1,083 to 1,595)	133.60	10.04%	733 (596 to 878)	598 (487 to 717)	0.67 (0.54 to 0.80)	0.30 (0.24 to 0.36)
2023-09	1,210 (980 to 1,475)	128.78	10.64%	579 (469 to 706)	631 (511 to 769)	0.61 (0.49 to 0.74)	0.32 (0.26 to 0.39)
2023-10	421 (187 to 676)	133.66	31.76%	123 (55 to 197)	298 (132 to 479)	0.21 (0.09 to 0.34)	0.15 (0.07 to 0.24)
2023-11	470 (309 to 628)	84.65	18.00%	349 (230 to 467)	121 (79 to 161)	0.24 (0.16 to 0.32)	0.06 (0.04 to 0.08)
2023-12	1,341 (1,147 to 1,525)	96.71	7.21%	297 (254 to 337)	1,044 (893 to 1,188)	0.67 (0.58 to 0.77)	0.52 (0.45 to 0.60)
2024-01	1,067 (828 to 1,305)	122.32	11.46%	586 (455 to 716)	481 (373 to 589)	0.54 (0.42 to 0.65)	0.24 (0.19 to 0.30)
2024-02	465 (366 to 561)	50.92	10.95%	113 (89 to 137)	352 (277 to 424)	0.23 (0.18 to 0.28)	0.18 (0.14 to 0.21)

Table B1.12: Fulmar Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	572 (426 to 738)	81.39	14.22%	323 (241 to 417)	249 (185 to 321)	0.21 (0.15 to 0.27)	0.09 (0.07 to 0.12)
2022-05	1.032 (874 to 1,207)	85.84	8.32%	388 (328 to 453)	644 (546 to 754)	0.37 (0.31 to 0.43)	0.23 (0.20 to 0.27)
2022-06	3.183 (2.059 to 4,312)	580.79	18.80%	2,005 (1,297 to 2,717)	1,178 (762 to 1,595)	1.14 (0.74 to 1.55)	0.42 (0.27 to 0.57)
2022-07	4.146 (3.051 to 5,255)	589.33	14.21%	1,520 (1,119 to 1,927)	2,626 (1,932 to 3,328)	1.49 (1.09 to 1.89)	0.94 (0.69 to 1.20)
2022-08	877 (732 to 1,034)	77.83	9.25%	330 (276 to 389)	547 (456 to 645)	0.31 (0.26 to 0.37)	0.19 (0.16 to 0.23)
2023-04	4.463 (2.907 to 6,063)	839.13	18.80%	3,702 (2,411 to 5,029)	761 (496 to 1,034)	1.60 (1.04 to 2.18)	0.27 (0.18 to 0.37)
2023-05	1.063 (875 to 1,260)	98.29	9.25%	476 (391 to 564)	587 (484 to 696)	0.38 (0.31 to 0.45)	0.21 (0.17 to 0.25)
2023-06	809 (616 to 964)	90.46	11.19%	564 (429 to 672)	245 (187 to 292)	0.29 (0.22 to 0.35)	0.09 (0.07 to 0.11)
2023-07	702 (572 to 843)	68.95	9.83%	230 (188 to 276)	472 (384 to 567)	0.25 (0.21 to 0.30)	0.17 (0.14 to 0.20)
2023-08	1.587 (1.290 to 1842)	141.45	8.91%	873 (710 to 1,014)	714 (580 to 828)	0.57 (0.46 to 0.66)	0.26 (0.21 to 0.30)

Table B1.13: Manx Shearwater Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	23 (0 to 56)	16.08	69.24%	23 (0 to 56)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2022-05	5 (0 to 17)	5.60	101.96%	2 (0 to 8)	2 (0 to 8)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-06	6 (0 to 17)	5.73	101.49%	3 (0 to 8)	3 (0 to 8)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-07	18 (0 to 35)	10.44	58.99%	3 (0 to 5)	15 (0 to 30)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-08	6 (0 to 17)	6.04	101.43%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	12 (0 to 28)	8.20	69.93%	2 (0 to 5)	10 (0 to 23)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-05	-	-	-	-	-	-	-
2023-06	17 (0 to 52)	17.13	102.82%	17 (0 to 52)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	6 (0 to 17)	6.01	104.62%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.14: Manx Shearwater Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	23 (0 to 57)	16.10	69.25%	23 (0 to 57)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2022-05	11 (0 to 23)	7.85	70.50%	6 (0 to 12)	6 (0 to 12)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-06	92 (39 to 144)	28.41	30.99%	46 (20 to 72)	46 (20 to 72)	0.03 (0.01 to 0.05)	0.02 (0.01 to 0.03)
2022-07	41 (11 to 69)	15.08	36.64%	6 (2 to 10)	35 (9 to 59)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-08	6 (0 to 17)	6.07	101.39%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-04	35 (11 to 65)	14.44	41.57%	6 (2 to 11)	29 (9 to 54)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-05	64 (6 to 128)	33.76	52.82%	52 (5 to 105)	12 (1 to 23)	0.02 (0.00 to 0.05)	0.00 (0.00 to 0.01)
2023-06	17 (0 to 52)	17.15	102.83%	17 (0 to 52)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	30 (6 to 63)	15.97	53.61%	0 (0 to 0)	30 (6 to 63)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)

Table B1.15: Sooty Shearwater Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	6 (0 to 17)	5.66	100.70%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.01 to 0.01)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	6 (0 to 17)	5.64	100.37%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-10	12 (0 to 29)	8.51	72.65%	0 (0 to 0)	12 (0 to 29)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.16: Sooty Shearwater Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	17 (0 to 40)	12.79	74.96%	0 (0 to 0)	17 (0 to 40)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)

Table B1.17: European Storm Petrel Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	6 (0 to 17)	5.92	103.22%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	86 (17 to 171)	41.16	48.07%	0 (0 to 0)	86 (17 to 171)	0.04 (0.01 to 0.09)	0.04 (0.01 to 0.09)
2023-09	102 (45 to 164)	31.43	30.88%	0 (0 to 0)	102 (45 to 164)	0.05 (0.02 to 0.08)	0.05 (0.02 to 0.08)
2023-10	53 (0 to 112)	34.25	65.23%	0 (0 to 0)	53 (0 to 112)	0.03 (0.00 to 0.06)	0.03 (0.00 to 0.06)
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.18: European Storm Petrel Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	6 (0 to 17)	5.93	103.23%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	86 (11 to 167)	41.38	48.11%	0 (0 to 0)	86 (11 to 167)	0.03 (0.00 to 0.06)	0.03 (0.00 to 0.06)

Table B1.19: Leach's Storm Petrel Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	6 (0 to 17)	5.56	98.84%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.00)	0.00 (0.00 to 0.01)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.20: Gannet Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	723 (544 to 882)	85.58	11.83%	407 (307 to 497)	316 (237 to 385)	0.36 (0.27 to 0.44)	0.16 (0.12 to 0.19)
2022-04	2,372 (1,937 to 2,818)	228.84	9.65%	718 (586 to 853)	1,654 (1,351 to 1,965)	1.19 (0.97 to 1.41)	0.83 (0.68 to 0.99)
2022-05	2,819 (2,290 to 3,371)	279.38	9.91%	1,495 (1,215 to 1,788)	1,324 (1,075 to 1,583)	1.42 (1.15 to 1.69)	0.66 (0.54 to 0.79)
2022-06	4,483 (4,090 to 4,968)	225.53	5.03%	3,124 (2,850 to 3,462)	1,359 (1,240 to 1,506)	2.25 (2.05 to 2.49)	0.68 (0.62 to 0.76)
2022-07	1,198 (1,023 to 1,387)	93.92	7.84%	653 (558 to 757)	545 (465 to 630)	0.60 (0.51 to 0.70)	0.27 (0.23 to 0.32)
2022-08	310 (226 to 388)	42.51	13.71%	106 (77 to 133)	204 (149 to 255)	0.16 (0.11 to 0.19)	0.10 (0.07 to 0.13)
2022-09	2,431 (2,091 to 2,778)	177.56	7.3%	766 (659 to 876)	1,665 (1,432 to 1,902)	1.22 (1.05 to 1.39)	0.84 (0.72 to 0.96)
2022-10	728 (567 to 908)	87.01	11.96%	350 (272 to 436)	378 (295 to 472)	0.37 (0.28 to 0.46)	0.19 (0.15 to 0.24)
2022-11	93 (46 to 137)	23.99	25.87%	41 (20 to 60)	52 (26 to 77)	0.05 (0.02 to 0.07)	0.03 (0.01 to 0.04)
2022-12	290 (215 to 374)	42.65	14.68%	99 (73 to 127)	191 (142 to 247)	0.15 (0.11 to 0.19)	0.10 (0.07 to 0.12)
2023-01	24 (0 to 53)	14.84	61.73%	6 (0 to 13)	18 (0 to 40)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.02)
2023-02	97 (39 to 152)	29.91	30.85%	0 (0 to 0)	97 (39 to 152)	0.05 (0.02 to 0.08)	0.05 (0.02 to 0.08)
2023-03	29 (11 to 58)	12.46	42.33%	0 (0 to 0)	29 (11 to 58)	0.01 (0.01 to 0.03)	0.01 (0.01 to 0.03)
2023-04	1,969 (1,637 to 2,378)	197.33	10.02%	786 (653 to 949)	1,183 (984 to 1,429)	0.99 (0.82 to 1.19)	0.59 (0.49 to 0.72)
2023-05	913 (677 to 1,174)	129.76	14.22%	394 (292 to 506)	519 (385 to 668)	0.46 (0.34 to 0.59)	0.26 (0.19 to 0.34)
2023-06	1,154 (833 to 1,519)	182.78	15.84%	159 (115 to 210)	995 (718 to 1,309)	0.58 (0.42 to 0.76)	0.50 (0.36 to 0.66)
2023-07	1,030 (855 to 1,218)	93.09	9.04%	221 (184 to 262)	809 (671 to 956)	0.52 (0.43 to 0.61)	0.41 (0.34 to 0.48)
2023-08	1,947 (1,677 to 2,189)	136.79	7.03%	967 (833 to 1,088)	980 (844 to 1,101)	0.98 (0.84 to 1.10)	0.49 (0.42 to 0.55)
2023-09	2,007 (1,682 to 2,329)	169.71	8.46%	750 (628 to 870)	1,257 (1,054 to 1,459)	1.01 (0.84 to 1.17)	0.63 (0.53 to 0.73)
2023-10	889 (722 to 1,039)	81.64	9.18%	198 (160 to 231)	691 (562 to 808)	0.45 (0.36 to 0.52)	0.35 (0.28 to 0.41)
2023-11	97 (48 to 141)	24.67	25.52%	24 (12 to 35)	73 (36 to 106)	0.05 (0.02 to 0.07)	0.04 (0.02 to 0.05)
2023-12	-	-	-	-	-	-	-
2024-01	11 (0 to 29)	8.26	72.94%	0 (0 to 0)	11 (0 to 29)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2024-02	11 (0 to 28)	7.93	69.81%	0 (0 to 0)	11 (0 to 28)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)

Table B1.21: Gannet Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	2,641 (2,188 to 3,094)	239.52	9.27%	800 (662 to 937)	1,841 (1,526 to 2,157)	0.95 (0.79 to 1.11)	0.66 (0.55 to 0.77)
2022-05	5,928 (4,959 to 6,985)	531.26	8.96%	3,144 (2,630 to 3,705)	2,784 (2,329 to 3,280)	2.13 (1.78 to 2.51)	1.00 (10.84 to 1.18)
2022-06	7,277 (6,667 to 7,890)	326.09	4.48%	5,071 (4,646 to 5,498)	2,206 (2,021 to 2,392)	2.61 (2.39 to 2.83)	0.79 (0.73 to 0.86)
2022-07	1,786 (1,568 to 2,013)	114.29	6.40%	974 (855 to 1,098)	812 (713 to 915)	0.64 (0.56 to 0.72)	0.29 (0.26 to 0.33)
2022-08	598 (428 to 767)	87.55	14.64%	205 (147 to 263)	393 (281 to 504)	0.21 (0.15 to 0.28)	0.14 (0.10 to 0.18)
2023-04	2,415 (2,034 to 2,842)	220.13	9.12%	964 (812 to 1,134)	1,451 (1,222 to 1,708)	0.87 (0.73 to 1.02)	0.52 (0.44 to 0.61)
2023-05	1,793 (1,100 to 2,623)	414.8	23.13%	773 (474 to 1,131)	1,020 (626 to 1,492)	0.64 (0.39 to 0.94)	0.37 (0.22 to 0.54)
2023-06	1,288 (945 to 1,659)	186.85	14.51%	178 (130 to 229)	1,110 (815 to 1,430)	0.46 (0.34 to 0.60)	0.40 (0.29 to 0.51)
2023-07	1,888 (1,655 to 2,148)	124.85	6.61%	405 (355 to 461)	1,483 (1,300 to 1,687)	0.68 (0.59 to 0.77)	0.53 (0.47 to 0.61)
2023-08	2,771 (2,474 to 3,085)	156.48	5.65%	1,377 (1,229 to 1,533)	1,394 (1,245 to 1,552)	0.99 (0.89 to 1.11)	0.50 (0.45 to 0.56)

Table B1.22: Great Cormorant Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	23 (0 to 51)	14.74	62.87%	0 (0 to 0)	23 (0 to 51)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-07	-	-	-	-	-	-	-
2022-08	5 (0 to 17)	5.81	106.41%	0 (0 to 0)	5 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-04	-	-	-	-	-	-	-
2023-05	28 (6 to 52)	12.57	44.56%	0 (0 to 0)	28 (6 to 52)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-06	-	-	-	-	-	-	-
2023-07	34 (6 to 64)	15.68	46.42%	0 (0 to 0)	34 (6 to 64)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-08	-	-	-	-	-	-	-

Table B1.23: European Shag Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	11 (0 to 34)	12.00	105.05%	11 (0 to 34)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.24: European Shag Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	12 (0 to 28)	8.17	70.08%	0 (0 to 0)	12 (0 to 28)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-07	12 (0 to 29)	8.23	71.41%	12 (0 to 29)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	29 (6 to 63)	15.29	53.55%	29 (6 to 63)	0 (0 to 0)	0.01 (0 to 0.02)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.25: Great Skua Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	6 (0 to 17)	5.63	96.23%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-09	6 (0 to 17)	5.70	97.27%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-10	6 (0 to 17)	5.77	96.36%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	6 (0 to 17)	5.71	97.89%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	6 (0 to 17)	5.82	99.89%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.26: Great Skua Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	6 (0 to 17)	5.70	101.19%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	12 (0 to 29)	8.33	70.62%	0 (0 to 0)	12 (0 to 29)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-08	6 (0 to 17)	5.66	96.19%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-04	6 (0 to 17)	5.71	97.90%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	17 (0 to 35)	10.05	57.98%	11 (0 to 23)	6 (0 to 12)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-08	-	-	-	-	-	-	-

Table B1.27: Arctic Skua Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	6 (0 to 17)	5.67	96.50%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	11 (0 to 28)	8.17	71.68%	0 (0 to 0)	11 (0 to 28)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2023-09	12 (0 to 28)	8.22	70.47%	0 (0 to 0)	12 (0 to 28)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.28: Arctic Skua Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	5 (0 to 17)	5.65	102.75%	0 (0 to 0)	5 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	6 (0 to 17)	5.68	96.49%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-06	-	-	-	-	-	-	-
2023-07	6 (0 to 17)	5.54	98.72%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-08	11 (0 to 28)	8.21	71.72%	0 (0 to 0)	11 (0 to 28)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)

Table B1.29: Kittiwake Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	2,149 (1,719 to 2,602)	226.91	10.56%	797 (637 to 964)	1,352 (1,082 to 1,638)	1.08 (0.86 to 1.31)	0.68 (0.54 to 0.82)
2022-04	7,348 (4,685 to 10,609)	1,672.29	22.76%	3,700 (2,359 to 5,342)	3,648 (2,326 to 5,267)	3.69 (2.35 to 5.33)	1.83 (1.17 to 2.64)
2022-05	2,067 (1,787 to 2,384)	155.10	7.50%	233 (201 to 268)	1,834 (1,586 to 2,116)	1.04 (0.90 to 1.20)	0.92 (0.8 to 1.06)
2022-06	11,230 (10,253 to	482.13	4.29%	3,553 (3,244 to 3,818)	7,677 (7,009 to 8,251)	5.64 (5.15 to 6.06)	3.85 (3.52 to 4.14)
2022-07	15,246 (14,104 to	640.51	4.20%	3,494 (3,232 to 3,780)	11,752 (10,872 to	7.65 (7.08 to 8.28)	5.9 (5.46 to 6.38)
2022-08	20,762 (17,819 to	1,444.0	6.96%	11,785 (10,115 to	8,977 (7,704 to 10,131)	10.42 (8.95 to	4.51 (3.87 to 5.09)
2022-09	1,080 (827 to 1,362)	136.05	12.60%	543 (416 to 685)	537 (411 to 677)	0.54 (0.42 to 0.68)	0.27 (0.21 to 0.34)
2022-10	2,302 (1,874 to 2,705)	213.29	9.27%	1,074 (874 to 1,262)	1,228 (1,000 to 1,443)	1.16 (0.94 to 1.36)	0.62 (0.5 to 0.72)
2022-11	1,011 (841 to 1,179)	88.92	8.80%	134 (112 to 157)	877 (729 to 1,022)	0.51 (0.42 to 0.59)	0.44 (0.37 to 0.51)
2022-12	685 (570 to 807)	60.56	8.84%	69 (57 to 81)	616 (513 to 726)	0.34 (0.29 to 0.41)	0.31 (0.26 to 0.36)
2023-01	571 (272 to 1,016)	216.71	37.95%	100 (48 to 178)	471 (224 to 838)	0.29 (0.14 to 0.51)	0.24 (0.11 to 0.42)
2023-02	1,762 (1,356 to 2,158)	202.84	11.51%	789 (608 to 967)	973 (748 to 1,191)	0.88 (0.68 to 1.08)	0.49 (0.38 to 0.6)
2023-03	2,840 (2,495 to 3,232)	189.40	6.67%	1,758 (1,544 to 2,000)	1,082 (951 to 1,232)	1.43 (1.25 to 1.62)	0.54 (0.48 to 0.62)
2023-04	2,256 (1,798 to 2,784)	272.81	12.09%	245 (196 to 303)	2,011 (1,602 to 2,481)	1.13 (0.90 to 1.40)	1.01 (0.8 to 1.25)
2023-05	5,894 (5,077 to 6,715)	429.25	7.28%	2,562 (2,207 to 2,919)	3,332 (2,870 to 3,796)	2.96 (2.55 to 3.37)	1.67 (1.44 to 1.91)
2023-06	6,588 (5,835 to 7,395)	419.20	6.36%	2,525 (2,236 to 2,834)	4,063 (3,599 to 4,561)	3.31 (2.93 to 3.71)	2.04 (1.81 to 2.29)
2023-07	1,459 (1,124 to 1,803)	182.71	12.52%	200 (154 to 248)	1,259 (970 to 1,555)	0.73 (0.56 to 0.91)	0.63 (0.49 to 0.78)
2023-08	1,926 (1,312 to 2,777)	431.03	22.38%	909 (619 to 1,310)	1,017 (693 to 1,467)	0.97 (0.66 to 1.39)	0.51 (0.35 to 0.74)
2023-09	192 (95 to 294)	56.78	29.64	56 (28 to 86)	136 (67 to 208)	0.1 (0.05 to 0.15)	0.07 (0.03 to 0.10)
2023-10	236 (150 to 319)	42.19	17.88%	75 (48 to 101)	161 (102 to 218)	0.12 (0.08 to 0.16)	0.08 (0.05 to 0.11)
2023-11	199 (121 to 273)	39.01	19.62%	66 (40 to 91)	133 (81 to 182)	0.1 (0.06 to 0.14)	0.07 (0.04 to 0.09)
2023-12	98 (51 to 143)	24.71	25.30%	0 (0 to 0)	98 (51 to 143)	0.05 (0.03 to 0.07)	0.05 (0.03 to 0.07)
2024-01	112 (64 to 169)	28.09	25.16%	71 (40 to 107)	41 (24 to 62)	0.06 (0.03 to 0.08)	0.02 (0.01 to 0.03)
2024-02	115 (57 to 187)	34.08	29.57%	34 (17 to 56)	80 (40 to 131)	0.06 (0.03 to 0.09)	0.04 (0.02 to 0.07)

Table B1.30: Kittiwake Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	14,477 (10,040 to 18,535)	2,254.99	15.58%	7,289 (5,055 to 9,332)	7,188 (4,985 to 9,203)	5.20 (3.60 to 6.65)	2.58 (1.79 to 3.3)
2022-05	16,786 (13,231 to 21,048)	2,106.46	12.55%	1,889 (1,489 to 2,369)	14,897 (11,742 to 18,679)	6.02 (4.75 to 7.55)	5.35 (4.21 to 6.7)
2022-06	35,723 (30,525 to 41,000)	2,618.29	7.33%	11,302 (9,657 to 12,971)	24,421 (20,868 to 28,029)	12.82 (10.96 to 14.71)	8.76 (7.49 to 10.06)
2022-07	27,034 (24,830 to 28,959)	1,076.03	3.98%	6,195 (5,690 to 6,636)	20,839 (19,140 to 22,323)	9.70 (8.91 to 10.39)	7.48 (6.87 to 8.01)
2022-08	54,268 (49,874 to 59,138)	2,342.39	4.32%	30,805 (28,311 to 33,569)	23,463 (21,563 to 25,569)	19.48 (17.90 to 21.22)	8.42 (7.74 to 9.18)
2023-04	9,777 (7,772 to 12,114)	1,132.43	11.58%	10,64 (846 to 1,318)	8,713 (6,926 to 10,796)	3.51 (2.79 to 4.35)	3.13 (2.49 to 3.87)
2023-05	17,572 (14,629 to 21,484)	1,760.94	10.02%	7,638 (6359 to 9,339)	9,934 (8,270 to 12,145)	6.31 (5.25 to 7.71)	3.57 (2.97 to 4.36)
2023-06	11,327 (10,216 to 12,652)	620.38	5.48%	4,341 (3915 to 4,849)	6,986 (6,301 to 7,803)	4.07 (3.67 to 4.54)	2.51 (2.26 to 2.8)
2023-07	8,198 (6,616 to 10,189)	904.59	11.03%	1,126 (909 to 1,399)	7,072 (5,707 to 8,790)	2.94 (2.37 to 3.66)	2.54 (2.05 to 3.15)
2023-08	5,316 (4,020 to 6,765)	731.23	13.76%	2,508 (1,897 to 3192)	2,808 (2,123 to 3,573)	1.91 (1.44 to 2.43)	1.01 (0.76 to 1.28)

Table B1.31: Great Black-backed Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	24 (0 to 62)	18.94	79.01%	24 (0 to 62)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	29 (6 to 61)	14.98	51.21%	14 (3 to 29)	15 (3 to 32)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.02)
2022-07	-	-	-	-	-	-	-
2022-08	12 (0 to 28)	8.21	68.57%	4 (0 to 10)	8 (0 to 18)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-09	-	-	-	-	-	-	-
2022-10	69 (34 to 108)	19.60	28.43%	46 (23 to 72)	23 (11 to 36)	0.03 (0.02 to 0.05)	0.01 (0.01 to 0.02)
2022-11	128 (64 to 187)	32.97	25.82%	76 (38 to 111)	52 (26 to 76)	0.06 (0.03 to 0.09)	0.03 (0.01 to 0.04)
2022-12	313 (231 to 405)	44.50	14.21%	137 (101 to 177)	176 (130 to 228)	0.16 (0.12 to 0.20)	0.09 (0.07 to 0.11)
2023-01	18 (0 to 36)	10.32	58.64%	6 (0 to 12)	12 (0 to 24)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.01)
2023-02	11 (0 to 23)	8.28	72.12%	11 (0 to 23)	0 (0 to 0)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-03	22 (0 to 40)	11.65	51.94%	22 (0 to 40)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2023-04	-	-	-	-	-	-	-
2023-05	6 (0 to 17)	5.96	99.51%	4 (0 to 10)	2 (0 to 7)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-06	34 (11 to 63)	14.29	41.92%	19 (6 to 36)	15 (5 to 27)	0.02 (0.01 to 0.03)	0.01 (0.00 to 0.01)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	66 (30 to 104)	19.55	29.60%	54 (25 to 85)	12 (5 to 19)	0.03 (0.02 to 0.05)	0.01 (0.00 to 0.01)
2023-12	154 (95 to 210)	29.64	19.22%	68 (42 to 93)	86 (53 to 117)	0.08 (0.05 to 0.11)	0.04 (0.03 to 0.06)
2024-01	23 (6 to 47)	11.69	50.53%	6 (2 to 12)	17 (4 to 35)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2024-02	29 (6 to 52)	12.90	44.72%	23 (5 to 42)	6 (1 to 10)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.01)

Table B1.32: Great Black-backed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	57 (11 to 113)	27.72	48.98%	34 (7 to 68)	23 (4 to 45)	0.02 (0.00 to 0.04)	0.01 (0.00 to 0.02)
2022-05	35 (11 to 63)	13.91	39.75%	18 (6 to 32)	18 (6 to 32)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.01)
2022-06	115 (62 to 171)	29.51	25.63%	55 (30 to 82)	60 (32 to 89)	0.04 (0.02 to 0.06)	0.02 (0.01 to 0.03)
2022-07	23 (6 to 47)	12.12	52.52%	16 (4 to 34)	7 (2 to 13)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2022-08	85 (28 to 139)	30.56	36.04%	30 (10 to 49)	55 (18 to 90)	0.03 (0.01 to 0.05)	0.02 (0.01 to 0.03)
2023-04	51 (17 to 87)	18.84	36.61%	23 (8 to 39)	28 (9 to 48)	0.02 (0.01 to 0.03)	0.01 (0.00 to 0.02)
2023-05	52 (17 to 81)	17.00	32.63%	31 (10 to 49)	21 (7 to 32)	0.02 (0.01 to 0.03)	0.01 (0.00 to 0.01)
2023-06	80 (34 to 126)	23.87	29.68%	46 (19 to 72)	34 (15 to 54)	0.03 (0.01 to 0.05)	0.01 (0.01 to 0.02)
2023-07	30 (6 to 64)	15.61	52.09%	15 (3 to 32)	15 (3 to 32)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.01)
2023-08	29 (6 to 52)	12.96	45.23%	23 (5 to 42)	6 (1 to 10)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)

Table B1.33: Lesser Black-backed Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	11 (0 to 34)	11.52	102.50%	0 (0 to 0)	11 (0 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-05	-	-	-	-	-	-	-
2022-06	33 (6 to 57)	13.83	41.94%	12 (2 to 20)	21 (4 to 37)	0.02 (0.00 to 0.03)	0.01 (0.00 to 0.02)
2022-07	57 (28 to 97)	18.12	31.60%	15 (7 to 26)	42 (21 to 71)	0.03 (0.01 to 0.05)	0.02 (0.01 to 0.04)
2022-08	29 (6 to 52)	13.12	45.88%	19 (4 to 35)	10 (2 to 17)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.01)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	143 (0 to 415)	140.10	98.02%	143 (0 to 415)	0 (0 to 0)	0.07 (0.00 to 0.21)	0.00 (0.00 to 0.00)
2023-05	-	-	-	-	-	-	-
2023-06	75 (34 to 120)	22.60	30.13%	56 (26 to 90)	19 (8 to 30)	0.04 (0.02 to 0.06)	0.01 (0.00 to 0.01)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.34: Lesser Black-backed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	17 (0 to 40)	12.93	75.86%	0 (0 to 0)	17 (0 to 40)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-05	23 (6 to 46)	11.74	50.65%	0 (0 to 0)	23 (6 to 46)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-06	79 (34 to 126)	23.81	30.31%	28 (12 to 45)	51 (22 to 81)	0.03 (0.01 to 0.05)	0.02 (0.01 to 0.03)
2022-07	86 (46 to 128)	22.08	25.74%	23 (12 to 34)	63 (34 to 94)	0.03 (0.02 to 0.05)	0.02 (0.01 to 0.03)
2022-08	68 (34 to 110)	20.54	29.99%	45 (23 to 73)	23 (11 to 37)	0.02 (0.01 to 0.04)	0.01 (0.00 to 0.01)
2023-04	155 (0 to 425)	140.08	90.56%	155 (0 to 425)	0 (0 to 0)	0.06 (0.00 to 0.15)	0.00 (0.00 to 0.00)
2023-05	-	-	-	-	-	-	-
2023-06	93 (45 to 140)	24.65	26.64%	70 (34 to 105)	23 (11 to 35)	0.03 (0.02 to 0.05)	0.01 (0.00 to 0.01)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.35: Herring Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	12 (0 to 28)	8.26	70.83%	12 (0 to 28)	0 (0 to 0)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-04	5 (0 to 17)	5.50	103.04%	3 (0 to 12)	2 (0 to 5)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-05	75 (28 to 121)	24.27	32.51%	8 (3 to 13)	67 (25 to 108)	0.04 (0.01 to 0.06)	0.03 (0.01 to 0.05)
2022-06	4,752 (3,505 to 6,187)	738.65	15.55%	2,206 (1,627 to 2,872)	2,546 (1,878 to 3,315)	2.39 (1.76 to 3.11)	1.28 (0.94 to 1.66)
2022-07	3,760 (3,063 to 4,434)	358.89	9.55%	2,108 (1,717 to 2,486)	1,652 (1,346 to 1,948)	1.89 (1.54 to 2.23)	0.83 (0.68 to 0.98)
2022-08	4,582 (3,539 to 5,791)	578.47	12.62%	3,018 (2,331 to 3,814)	1,564 (1,208 to 1,977)	2.30 (1.78 to 2.91)	0.79 (0.61 to 0.99)
2022-09	6 (0 to 17)	5.67	99.07%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-10	210 (125 to 303)	47.04	22.37%	111 (66 to 159)	99 (59 to 144)	0.11 (0.06 to 0.15)	0.05 (0.03 to 0.07)
2022-11	29 (6 to 53)	12.80	44.08%	17 (4 to 32)	12 (2 to 21)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.01)
2022-12	471 (377 to 589)	55.95	11.87%	57 (46 to 72)	414 (331 to 517)	0.24 (0.19 to 0.30)	0.21 (0.17 to 0.26)
2023-01	-	-	-	-	-	-	-
2023-02	52 (23 to 85)	16.67	31.88%	29 (13 to 47)	23 (10 to 38)	0.03 (0.01 to 0.04)	0.01 (0.01 to 0.02)
2023-03	23 (6 to 46)	11.48	50.58%	6 (2 to 12)	17 (4 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-04	46 (17 to 80)	16.75	36.45%	37 (14 to 64)	9 (3 to 16)	0.02 (0.01 to 0.04)	0.00 (0.00 to 0.01)
2023-05	52 (11 to 97)	22.48	43.64%	43 (9 to 81)	9 (2 to 16)	0.03 (0.01 to 0.05)	0.00 (0.00 to 0.01)
2023-06	8,569 (6,937 to 10,260)	862.61	10.07%	5,806 (4,700 to 6,952)	2,763 (2,237 to 3,308)	4.30 (3.48 to 5.15)	1.39 (1.12 to 1.66)
2023-07	-	-	-	-	-	-	-
2023-08	29 (0 to 63)	18.64	65.2%	26 (0 to 56)	3 (0 to 7)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	103 (55 to 158)	27.39	26.56%	18 (10 to 28)	85 (45 to 130)	0.05 (0.03 to 0.08)	0.04 (0.02 to 0.07)
2023-12	28 (6 to 52)	12.93	45.82%	11 (2 to 21)	17 (4 to 31)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.02)
2024-01	88 (35 to 146)	29.53	33.45%	12 (5 to 19)	76 (30 to 127)	0.04 (0.02 to 0.07)	0.04 (0.02 to 0.06)
2024-02	12 (0 to 23)	8.04	69.62%	0 (0 to 0)	12 (0 to 23)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)

Table B1.36: Herring Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	1,777 (1,060 to 2,488)	387.02	21.78%	1,225 (730 to 1,715)	552 (330 to 773)	0.64 (0.38 to 0.89)	0.20 (0.12 to 0.28)
2022-05	11,417 (5,405 to 19,172)	3740.26	32.76%	1,226 (580 to 2,058)	1,0191 (4,825 to 1,7114)	4.10 (1.94 to 6.88)	3.66 (1.73 to 6.14)
2022-06	12,177 (10,145 to 14,388)	1127.75	9.26%	5,652 (4,709 to 6,679)	6,525 (5,436 to 7,709)	4.37 (3.64 to 5.16)	2.34 (1.95 to 2.77)
2022-07	9,678 (8,017 to 11,516)	919.05	9.50%	5,426 (4,495 to 6,457)	4,252 (3,522 to 5,059)	3.47 (2.88 to 4.13)	1.53 (1.26 to 1.82)
2022-08	8,842 (7,511 to 10,184)	709.86	8.03%	5,824 (4,947 to 6,708)	3,018 (2,564 to 3,476)	3.17 (2.70 to 3.65)	1.08 (0.92 to 1.25)
2023-04	4,566 (2,778 to 6,517)	1004.03	21.99%	3,650 (2,220 to 5,209)	916 (558 to 1,308)	1.64 (1.00 to 2.34)	0.33 (0.20 to 0.47)
2023-05	3,280 (1,035 to 6,450)	1593.67	48.58%	2,736 (863 to 5,380)	544 (172 to 1,070)	1.18 (0.37 to 2.32)	0.20 (0.06 to 0.38)
2023-06	11,561 (9,645 to 13,362)	961.22	8.31%	7,834 (6,535 to 9,054)	3,727 (3,110 to 4,308)	4.15 (3.46 to 4.80)	1.34 (1.12 to 1.55)
2023-07	2,855 (219 to 6,478)	1932.08	67.68%	2,416 (185 to 5,481)	439 (34 to 997)	1.02 (0.08 to 2.32)	0.16 (0.01 to 0.36)
2023-08	3,486 (903 to 6,384)	1494.73	42.87%	3,089 (800 to 5,657)	397 (103 to 727)	1.25 (0.32 to 2.29)	0.14 (0.04 to 0.26)

Table B1.37: Common Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	6 (0 to 17)	6.04	99.77%	1 (0 to 3)	5 (0 to 14)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-06	6 (0 to 17)	5.82	103.50%	2 (0 to 5)	4 (0 to 12)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-07	24 (6 to 47)	12.08	50.50%	0 (0 to 0)	24 (6 to 47)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-08	411 (148 to 766)	182.70	44.42%	101 (36 to 188)	310 (112 to 578)	0.21 (0.07 to 0.38)	0.16 (0.06 to 0.29)
2022-09	12 (0 to 35)	11.90	101.51%	0 (0 to 0)	12 (0 to 35)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-10	46 (17 to 79)	16.20	35.45%	17 (6 to 30)	29 (11 to 49)	0.02 (0.01 to 0.04)	0.01 (0.01 to 0.02)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	11 (0 to 28)	7.80	69.59%	11 (0 to 28)	0 (0 to 0)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-03	11 (0 to 23)	7.79	70.86%	0 (0 to 0)	11 (0 to 23)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2023-04	-	-	-	-	-	-	-
2023-05	6 (0 to 17)	5.85	101.27%	3 (0 to 8)	3 (0 to 9)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-06	11 (0 to 28)	8.21	71.51%	7 (0 to 17)	4 (0 to 11)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-07	17 (0 to 35)	9.73	57.24%	2 (0 to 4)	15 (0 to 32)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	29 (6 to 64)	15.56	53.96%	6 (1 to 13)	23 (5 to 51)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.03)
2023-11	30 (12 to 61)	13.65	45.13%	0 (0 to 0)	30 (12 to 61)	0.02 (0.01 to 0.03)	0.02 (0.01 to 0.03)
2023-12	-	-	-	-	-	-	-
2024-01	116 (58 to 182)	31.80	27.39%	33 (17 to 52)	83 (41 to 130)	0.06 (0.03 to 0.09)	0.04 (0.02 to 0.07)
2024-02	-	-	-	-	-	-	-

Table B1.38: Common Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	183 (91 to 277)	47.85	26.13%	63 (31 to 95)	120 (60 to 182)	0.07 (0.03 to 0.10)	0.04 (0.02 to 0.07)
2022-05	103 (46 to 165)	32.19	31.20%	17 (8 to 28)	86 (38 to 137)	0.04 (0.02 to 0.06)	0.03 (0.01 to 0.05)
2022-06	73 (17 to 151)	36.79	50.07%	23 (5 to 47)	50 (12 to 104)	0.03 (0.01 to 0.05)	0.02 (0.00 to 0.04)
2022-07	47 (11 to 82)	18.83	39.70%	0 (0 to 0)	47 (11 to 82)	0.02 (0.00 to 0.03)	0.02 (0.00 to 0.03)
2022-08	822 (479 to 1,211)	205.88	25.04%	202 (118 to 297)	620 (361 to 914)	0.30 (0.17 to 0.43)	0.22 (0.13 to 0.33)
2023-04	381 (241 to 546)	81.22	21.29%	17 (10 to 24)	364 (231 to 522)	0.14 (0.09 to 0.20)	0.13 (0.08 to 0.19)
2023-05	164 (63 to 279)	57.71	35.23%	77 (29 to 130)	87 (34 to 149)	0.06 (0.02 to 0.10)	0.03 (0.01 to 0.05)
2023-06	103 (34 to 185)	40.48	39.29%	63 (21 to 113)	40 (13 to 72)	0.04 (0.01 to 0.07)	0.01 (0.00 to 0.03)
2023-07	45 (17 to 76)	15.86	35.13%	4 (2 to 8)	40 (15 to 68)	0.02 (0.01 to 0.03)	0.01 (0.01 to 0.02)
2023-08	-	-	-	-	-	-	-

Table B1.39: Black-headed Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	5 (0 to 17)	5.40	99.18%	2 (0 to 7)	3 (0 to 10)	0.00 (0.00 to 0.01)	0.00 (0.01 to 0.01)
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.40: Black-headed Gull Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	17 (0 to 35)	10.19	59.03%	0 (0 to 0)	17 (0 to 35)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-06	40 (11 to 74)	16.70	41.71%	16 (4 to 30)	24 (7 to 44)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.02)
2022-07	41 (17 to 75)	15.58	38.11%	0 (0 to 0)	41 (17 to 75)	0.01 (0.01 to 0.03)	0.01 (0.01 to 0.03)
2022-08	232 (87 to 391)	81.30	35.02%	3 (1 to 6)	229 (86 to 385)	0.08 (0.03 to 0.14)	0.08 (0.03 to 0.14)
2023-04	223 (40 to 438)	110.10	49.42%	86 (15 to 168)	137 (25 to 270)	0.08 (0.01 to 0.16)	0.05 (0.01 to 0.1)
2023-05	17 (0 to 35)	9.35	54.77%	0 (0 to 0)	17 (0 to 35)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2023-06	11 (0 to 28)	8.10	73.23%	0 (0 to 0)	11 (0 to 28)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.41: Little Gull Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	11 (0 to 23)	7.57	67.56%	0 (0 to 0)	11 (0 to 23)	0.01 (0 to 0.01)	0.01 (0.00 to 0.01)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	11 (0 to 24)	8.27	72.20%	0 (0 to 0)	11 (0 to 24)	0.01 (0 to 0.01)	0.01 (0.00 to 0.01)
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.42: Arctic Tern Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	57 (0 to 136)	44.28	78.14%	0 (0 to 0)	57 (0 to 136)	0.03 (0 to 0.07)	0.03 (0.00 to 0.07)
2022-05	6 (0 to 17)	5.72	101.78%	0 (0 to 0)	6 (0 to 17)	0 (0 to 0.01)	0.00 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	872 (464 to 1183)	179.18	20.54%	0 (0 to 0)	872 (464 to 1183)	0.44 (0.23 to 0.59)	0.44 (0.23 to 0.59)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	52 (17 to 86)	18.84	36.51%	0 (0 to 0)	52 (17 to 86)	0.03 (0.01 to 0.04)	0.03 (0.01 to 0.04)
2023-05	40 (11 to 74)	17.18	43.02%	0 (0 to 0)	40 (11 to 74)	0.02 (0.01 to 0.04)	0.02 (0.01 to 0.04)
2023-06	-	-	-	-	-	-	-
2023-07	1006 (570 to 1427)	221.25	21.99%	0 (0 to 0)	1006 (570 to 1427)	0.51 (0.29 to 0.72)	0.51 (0.29 to 0.72)
2023-08	952 (634 to 1298)	173.97	18.28%	0 (0 to 0)	952 (634 to 1298)	0.48 (0.32 to 0.65)	0.48 (0.32 to 0.65)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.43: Arctic Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	57 (0 to 137)	44.35	78.14%	0 (0 to 0)	57 (0 to 137)	0.02 (0.00 to 0.05)	0.02 (0.00 to 0.05)
2022-05	17 (0 to 35)	9.86	57.44%	0 (0 to 0)	17 (0 to 35)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	18 (0 to 41)	12.96	73.40%	0 (0 to 0)	18 (0 to 41)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-08	899 (577 to 1303)	180.37	20.06%	0 (0 to 0)	899 (577 to 1303)	0.32 (0.21 to 0.47)	0.32 (0.21 to 0.47)
2023-04	92 (40 to 148)	27.79	30.05%	0 (0 to 0)	92 (40 to 148)	0.03 (0.01 to 0.05)	0.03 (0.01 to 0.05)
2023-05	46 (11 to 80)	18.34	40.15%	0 (0 to 0)	46 (11 to 80)	0.02 (0.00 to 0.03)	0.02 (0.00 to 0.03)
2023-06	23 (0 to 51)	14.68	63.52%	0 (0 to 0)	23 (0 to 51)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-07	2023 (1310 to 2937)	416.56	20.59%	0 (0 to 0)	2023 (1310 to 2937)	0.73 (0.47 to 1.05)	0.73 (0.47 to 1.05)
2023-08	1882 (1381 to 2387)	260.64	13.85%	0 (0 to 0)	1882 (1381 to 2387)	0.68 (0.50 to 0.86)	0.68 (0.50 to 0.86)

Table B1.44: Common Tern Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	11 (0 to 34)	11.57	101.55%	0 (0 to 0)	11 (0 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	5 (0 to 17)	5.48	100.53%	0 (0 to 0)	5 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.45: Common Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	28 (0 to 57)	15.46	54.25%	0 (0 to 0)	28 (0 to 57)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	5 (0 to 17)	5.51	100.53%	0 (0 to 0)	5 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	11 (0 to 29)	8.08	70.39%	0 (0 to 0)	11 (0 to 29)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-07	6 (0 to 17)	5.74	97.95%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-08	-	-	-	-	-	-	-

Table B1.46: Sandwich Tern Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	11 (0 to 23)	7.85	71.35%	0 (0 to 0)	11 (0 to 23)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.47: Sandwich Tern Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	17 (0 to 35)	10.08	58.83%	0 (0 to 0)	17 (0 to 35)	0.01 (0.00 to 0.01)	0.01 (0.00 to 0.01)
2022-05	52 (17 to 80)	17.08	33.08%	0 (0 to 0)	52 (17 to 80)	0.02 (0.01 to 0.03)	0.02 (0.01 to 0.03)
2022-06	-	-	-	-	-	-	-
2022-07	64 (6 to 128)	32.6	50.75%	0 (0 to 0)	64 (6 to 128)	0.02 (0.00 to 0.05)	0.02 (0.00 to 0.05)
2022-08	22 (0 to 52)	17.40	78.27%	0 (0 to 0)	22 (0 to 52)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-04	-	-	-	-	-	-	-
2023-05	86 (40 to 139)	27.97	32.56%	0 (0 to 0)	86 (40 to 139)	0.03 (0.01 to 0.05)	0.03 (0.01 to 0.05)
2023-06	34 (11 to 63)	14.24	41.65%	0 (0 to 0)	34 (11 to 63)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-07	-	-	-	-	-	-	-
2023-08	41 (6 to 91)	23.34	56.78%	0 (0 to 0)	41 (6 to 91)	0.01 (0.00 to 0.03)	0.01 (0.00 to 0.03)

Table B1.48: Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	65,617 (62,835 to 68,938)	1527.61	2.33%	62,840 (60,176 to 66,020)	2,777 (2,659 to 2918)	32.94 (31.55 to 34.61)	1.39 (1.34 to 1.46)
2022-04	22,592 (20,766 to 24,446)	955.93	4.23%	19,932 (18,321 to 21,567)	2,660 (2,445 to 2879)	11.34 (10.43 to 12.27)	1.34 (1.23 to 1.45)
2022-05	51,055 (48,743 to 53,453)	1241.17	2.43%	47,892 (45,724 to 50,142)	3,163 (3,019 to 3311)	25.63 (24.47 to 26.84)	1.59 (1.52 to 1.66)
2022-06	32,459 (30,827 to 34,183)	851.56	2.62%	27,490 (26,107 to 28,950)	4,969 (4,720 to 5233)	16.30 (15.48 to 17.16)	2.50 (2.37 to 2.63)
2022-07	6,5457 (62,568 to 68,547)	1515.32	2.31%	59,501 (56,875 to 62,310)	5,956 (5,693 to 6237)	32.86 (31.41 to 34.42)	2.99 (2.86 to 3.13)
2022-08	109,522 (103,927 to 115415)	2955.75	2.70%	109,485 (103,892 to 115376)	37 (35 to 39)	54.99 (52.18 to 57.95)	0.02 (0.02 to 0.02)
2022-09	14,454 (13,138 to 15,687)	668.06	4.62%	14,350 (13,044 to 15,574)	104 (94 to 113)	7.26 (6.6 to 7.88)	0.05 (0.05 to 0.06)
2022-10	13,994 (12,809 to 15,138)	613.85	4.39%	13,782 (12,615 to 14,909)	212 (194 to 229)	7.03 (6.43 to 7.6)	0.11 (0.1 to 0.11)
2022-11	1,479 (1,272 to 1,663)	101.71	6.88%	1,397 (1,202 to 1,571)	82 (70 to 92)	0.74 (0.64 to 0.83)	0.04 (0.04 to 0.05)
2022-12	4,590 (4,217 to 4,930)	184.72	4.02%	4,394 (4,037 to 4,720)	196 (180 to 210)	2.30 (2.12 to 2.48)	0.10 (0.09 to 0.11)
2023-01	2,041 (1,702 to 2,367)	168.61	8.26%	1,976 (1,648 to 2,292)	65 (54 to 75)	1.02 (0.85 to 1.19)	0.03 (0.03 to 0.04)
2023-02	12,764 (11,920 to 13,578)	442.49	3.47%	11,706 (10,932 to 12,453)	1,058 (988 to 1125)	6.41 (5.98 to 6.82)	0.53 (0.5 to 0.57)
2023-03	13,937 (13,113 to 14,739)	426.52	3.06%	13,796 (12,980 to 14,589)	141 (133 to 150)	7.00 (6.58 to 7.40)	0.07 (0.07 to 0.08)
2023-04	43,186 (41,370 to 45,117)	964.32	2.23%	38,996 (37,356 to 40,739)	4,190 (4,014 to 4378)	21.68 (20.77 to 22.65)	2.10 (2.02 to 2.20)
2023-05	47,544 (45,506 to 49,972)	1124.8	2.37%	44,206 (42,311 to 46,464)	3,338 (3,195 to 3508)	23.87 (22.85 to 25.09)	1.68 (1.6 to 1.76)

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2023-06	49,600 (47,385 to 51,766)	1156.75	2.33%	46,775 (44,687 to 48,818)	2,825 (2,698 to 2948)	24.9 (23.79 to 25.99)	1.42 (1.35 to 1.48)
2023-07	2,828 (2,523 to 3,135)	159.73	5.65%	2,542 (2,268 to 2,818)	286 (255 to 317)	1.42 (1.27 to 1.57)	0.14 (0.13 to 0.16)
2023-08	5,720 (5,104 to 6,352)	326.35	5.71%	5,695 (5,082 to 6,325)	25 (22 to 27)	2.87 (2.56 to 3.19)	0.01 (0.01 to 0.01)
2023-09	3,576 (2,766 to 4,343)	410.26	11.47%	3,570 (2,762 to 4,336)	6 (4 to 7)	1.80 (1.39 to 2.18)	0.00 (0.00 to 0.00)
2023-10	815 (665 to 985)	81.4	9.99%	786 (641 to 950)	29 (24 to 35)	0.41 (0.33 to 0.49)	0.01 (0.01 to 0.02)
2023-11	1,815 (1,572 to 2,053)	127.31	7.01%	1,712 (1,483 to 1,936)	103 (89 to 117)	0.91 (0.79 to 1.03)	0.05 (0.04 to 0.06)
2023-12	2,067 (1,824 to 2,288)	120.56	5.83%	2,061 (1,819 to 2,282)	6 (5 to 6)	1.04 (0.92 to 1.15)	0.00 (0.00 to 0.00)
2024-01	3,374 (3,104 to 3,687)	149.71	4.44%	3,356 (3,088 to 3,668)	18 (16 to 19)	1.69 (1.56 to 1.85)	0.01 (0.01 to 0.01)
2024-02	579 (464 to 697)	59.52	10.28%	499 (400 to 600)	80 (64 to 97)	0.29 (0.23 to 0.35)	0.04 (0.03 to 0.05)

Table B1.49: Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	62,211 (56,490 to 67,595)	2865.55	4.61%	54,885 (49,838 to 59,635)	7,326 (6,652 to 7,960)	22.33 (20.27 to 24.26)	2.63 (2.39 to 2.86)
2022-05	139,072 (130,374 to 148,909)	4726.72	3.40%	130,457 (122,298 to 139,685)	8,615 (8,076 to 9,224)	49.91 (46.79 to 53.44)	3.09 (2.90 to 3.31)
2022-06	85,747 (75,320 to 99,245)	6353.75	7.41%	72,619 (63,789 to 84,051)	13,128 (11,531 to 15,194)	30.77 (27.03 to 35.62)	4.71 (4.14 to 5.45)
2022-07	96,467 (90,920 to 102,001)	2876.46	2.98%	87,689 (82,647 to 92,720)	8,778 (8,273 to 9,281)	34.62 (32.63 to 36.61)	3.15 (2.97 to 3.33)
2022-08	137,282 (131,232 to 143,139)	3140.88	2.29%	137,236 (131,188 to 143,091)	46 (44 to 48)	49.27 (47.1 to 51.37)	0.02 (0.02 to 0.02)
2023-04	99,362 (86,783 to 112,094)	6478.89	6.52%	89,721 (78,362 to 101,217)	9,641 (8,421 to 10,877)	35.66 (31.15 to 40.23)	3.46 (3.02 to 3.90)
2023-05	117,521 (106,247 to 131,551)	6501.75	5.53%	109,270 (98,788 to 122,315)	8,251 (7,459 to 9,236)	42.18 (38.13 to 47.21)	2.96 (2.68 to 3.31)
2023-06	86,324 (82,222 to 90,093)	2078.22	2.41%	81,408 (77,540 to 84,962)	4,916 (4,682 to 5,131)	30.98 (29.51 to 32.33)	1.76 (1.68 to 1.84)
2023-07	9,798 (8,859 to 10,713)	474.56	4.84%	8,806 (7,962 to 9,628)	992 (897 to 1,085)	3.52 (3.18 to 3.84)	0.36 (0.32 to 0.39)
2023-08	13,379 (11,873 to 14,827)	772.10	5.77%	13,322 (11,822 to 14,763)	57 (51 to 64)	4.80 (4.26 to 5.32)	0.02 (0.02 to 0.02)

Table B1.50: Razorbill Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	1,880 (1,594 to 2,167)	150.84	8.02%	1,447 (1,227 to 1,668)	433 (367 to 499)	0.94 (0.8 to 1.09)	0.22 (0.18 to 0.25)
2022-04	4,106 (3,611 to 4,627)	266.50	6.49%	3,860 (3,395 to 4,350)	246 (216 to 277)	2.06 (1.81 to 2.32)	0.12 (0.11 to 0.14)
2022-05	1,116 (914 to 1,289)	93.52	8.38%	1,088 (891 to 1,256)	28 (23 to 33)	0.56 (0.46 to 0.65)	0.01 (0.01 to 0.02)
2022-06	2,938 (2,528 to 3,362)	215.33	7.33%	2,747 (2,363 to 3,143)	191 (165 to 219)	1.48 (1.27 to 1.69)	0.1 (0.08 to 0.11)
2022-07	4,655 (4,141 to 5,155)	270.49	5.81%	4,220 (3,754 to 4,673)	435 (387 to 482)	2.34 (2.08 to 2.59)	0.22 (0.19 to 0.24)
2022-08	36,570 (34,021 to 38,931)	1268.36	3.47%	36,562 (34,014 to 38,922)	8 (7 to 9)	18.36 (17.08 to 19.55)	0.00 (0.00 to 0.00)
2022-09	1,852 (1,556 to 2,116)	142.47	7.69%	1,846 (1,551 to 2,109)	6 (5 to 7)	0.93 (0.78 to 1.06)	0.00 (0.00 to 0.00)
2022-10	1,087 (872 to 1,305)	112.21	10.33%	1,012 (812 to 1,215)	75 (60 to 90)	0.55 (0.44 to 0.66)	0.04 (0.03 to 0.05)
2022-11	635 (461 to 812)	92.58	14.57%	478 (347 to 611)	157 (114 to 201)	0.32 (0.23 to 0.41)	0.08 (0.06 to 0.1)
2022-12	1,506 (1,278 to 1,724)	111.48	7.40%	1,500 (1,273 to 1,717)	6 (5 to 7)	0.76 (0.64 to 0.87)	0.00 (0.00 to 0.00)
2023-01	186 (117 to 257)	35.83	19.29%	186 (117 to 257)	0 (0 to 0)	0.09 (0.06 to 0.13)	0.00 (0.00 to 0.00)
2023-02	2,348 (1,957 to 2,813)	229.62	9.78%	1,981 (1,652 to 2,374)	367 (305 to 439)	1.18 (0.98 to 1.41)	0.18 (0.15 to 0.22)
2023-03	3,470 (2,939 to 3,989)	272.96	7.87%	3,288 (2,785 to 3,780)	182 (154 to 209)	1.74 (1.48 to 2.00)	0.09 (0.08 to 0.10)
2023-04	1,885 (1,596 to 2,141)	143.09	7.59%	1,621 (1,373 to 1,841)	264 (223 to 300)	0.95 (0.8 to 1.07)	0.13 (0.11 to 0.15)
2023-05	2,378 (2,061 to 2,658)	147.91	6.22%	2,116 (1,834 to 2,365)	262 (227 to 293)	1.19 (1.03 to 1.33)	0.13 (0.11 to 0.15)
2023-06	3,392 (3,007 to 3,766)	195.94	5.78%	3,138 (2,781 to 3,483)	254 (226 to 283)	1.70 (1.51 to 1.89)	0.13 (0.11 to 0.14)
2023-07	1,175 (882 to 1,442)	149.23	12.71%	830 (623 to 1,019)	345 (259 to 423)	0.59 (0.44 to 0.72)	0.17 (0.13 to 0.21)
2023-08	1,239 (940 to 1,545)	158.77	12.81%	1,234 (936 to 1,538)	5 (4 to 7)	0.62 (0.47 to 0.78)	0.00 (0.00 to 0.00)
2023-09	561 (398 to 744)	86.62	15.44%	550 (390 to 729)	11 (8 to 15)	0.28 (0.20 to 0.37)	0.01 (0.00 to 0.01)
2023-10	209 (110 to 300)	50.73	24.33%	139 (73 to 200)	70 (37 to 100)	0.1 (0.06 to 0.15)	0.03 (0.02 to 0.05)
2023-11	340 (196 to 473)	72.66	21.35%	231 (133 to 321)	109 (63 to 152)	0.17 (0.10 to 0.24)	0.05 (0.03 to 0.08)
2023-12	91 (45 to 137)	24.23	26.70%	80 (39 to 120)	11 (6 to 17)	0.05 (0.02 to 0.07)	0.01 (0.00 to 0.01)
2024-01	333 (250 to 428)	46.63	14.01%	327 (246 to 420)	6 (4 to 8)	0.17 (0.13 to 0.21)	0.00 (0.00 to 0.00)
2024-02	341 (221 to 450)	57.87	16.97%	254 (165 to 336)	87 (56 to 114)	0.17 (0.11 to 0.23)	0.04 (0.03 to 0.06)

Table B1.51: Razorbill Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	16,241 (13,210 to 18,567)	1,392.53	8.57%	15,268 (12,419 to 17,455)	973 (791 to 1,112)	5.83 (4.74 to 6.66)	0.35 (0.28 to 0.40)
2022-05	12,553 (10,819 to 14,364)	912.36	7.27%	12,233 (10,543 to 13,998)	320 (276 to 366)	4.51 (3.88 to 5.15)	0.11 (0.10 to 0.13)
2022-06	8,152 (6,900 to 9,498)	664.38	8.15%	7,621 (6,451 to 8,880)	531 (449 to 618)	2.93 (2.48 to 3.41)	0.19 (0.16 to 0.22)
2022-07	9,385 (7,622 to 11,593)	1,019.24	10.86%	8,507 (6,909 to 10,509)	878 (713 to 1,084)	3.37 (2.74 to 4.16)	0.32 (0.26 to 0.39)
2022-08	52,319 (49,316 to 55,272)	1,541.48	2.95%	52,308 (49,305 to 55,260)	11 (11 to 12)	18.78 (17.7 to 19.84)	0.00 (0.00 to 0.00)
2023-04	10,475 (8,973 to 11,962)	784.57	7.49%	9,008 (7,717 to 10,287)	1,467 (1,256 to 1,675)	3.76 (3.22 to 4.29)	0.53 (0.45 to 0.6)
2023-05	9,514 (8,382 to 10,751)	621.60	6.53%	8,465 (7,458 to 9,566)	1,049 (924 to 1,185)	3.41 (3.01 to 3.86)	0.38 (0.33 to 0.43)
2023-06	15,792 (14,490 to 17,181)	689.73	4.37%	14,607 (13,403 to 15,892)	1,185 (1,087 to 1,289)	5.67 (5.20 to 6.17)	0.43 (0.39 to 0.46)
2023-07	7,589 (6,544 to 8,654)	540.96	7.13%	5,361 (4,623 to 6,113)	2,228 (1,921 to 2,541)	2.72 (2.35 to 3.11)	0.80 (0.69 to 0.91)
2023-08	7,857 (6,534 to 9,114)	665.98	8.48%	7,823 (6,505 to	34 (29 to 40)	2.82 (2.35 to 3.27)	0.01 (0.01 to 0.01)

Table B1.52: Puffin Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	339 (235 to 441)	53.19	15.68%	328 (227 to 426)	11 (8 to 15)	0.17 (0.12 to 0.22)	0.01 (0.00 to 0.01)
2022-04	279 (171 to 382)	56.28	20.18%	271 (166 to 372)	8 (5 to 10)	0.14 (0.09 to 0.19)	0.00 (0.00 to 0.01)
2022-05	177 (98 to 249)	39.37	22.25%	169 (93 to 237)	8 (5 to 12)	0.09 (0.05 to 0.13)	0.00 (0.00 to 0.01)
2022-06	220 (151 to 297)	38.47	17.45%	220 (151 to 297)	0 (0 to 0)	0.11 (0.08 to 0.15)	0.00 (0.00 to 0.00)
2022-07	292 (194 to 375)	46.82	16.02%	289 (192 to 371)	3 (2 to 4)	0.15 (0.10 to 0.19)	0.00 (0.00 to 0.00)
2022-08	3,363 (2,934 to 3,797)	222.16	6.61%	3,234 (2,821 to 3,651)	129 (113 to 146)	1.69 (1.47 to 1.91)	0.06 (0.06 to 0.07)
2022-09	3,901 (3,471 to 4,275)	207.09	5.31%	3,895 (3,466 to 4,269)	6 (5 to 6)	1.96 (1.74 to 2.15)	0.00 (0.00 to 0.00)
2022-10	35 (11 to 63)	14.28	40.92%	29 (9 to 52)	6 (2 to 11)	0.02 (0.01 to 0.03)	0.00 (0.00 to 0.01)
2022-11	40 (0 to 88)	24.78	61.80%	6 (0 to 13)	34 (0 to 75)	0.02 (0.00 to 0.04)	0.02 (0.00 to 0.04)
2022-12	45 (17 to 75)	16.18	35.60%	45 (17 to 75)	0 (0 to 0)	0.02 (0.01 to 0.04)	0.00 (0.00 to 0.00)
2023-01	30 (6 to 53)	13.33	44.67%	30 (6 to 53)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)
2023-02	461 (349 to 579)	59.78	12.96%	449 (340 to 565)	12 (9 to 14)	0.23 (0.18 to 0.29)	0.01 (0.00 to 0.01)
2023-03	252 (158 to 339)	46.54	18.46%	235 (147 to 316)	17 (11 to 23)	0.13 (0.08 to 0.17)	0.01 (0.01 to 0.01)
2023-04	493 (380 to 640)	64.70	13.12%	472 (364 to 613)	21 (16 to 27)	0.25 (0.19 to 0.32)	0.01 (0.01 to 0.01)
2023-05	748 (605 to 907)	77.92	10.41%	748 (605 to 907)	0 (0 to 0)	0.38 (0.30 to 0.46)	0.00 (0.00 to 0.00)
2023-06	1,589 (1,350 to 1,796)	114.65	7.22%	1573 (1,337 to 1,778)	16 (13 to 18)	0.8 (0.68 to 0.90)	0.01 (0.01 to 0.01)
2023-07	342 (239 to 455)	57.03	16.67%	306 (214 to 407)	36 (25 to 48)	0.17 (0.12 to 0.23)	0.02 (0.01 to 0.02)
2023-08	4,822 (4,310 to 5,378)	279.09	5.79%	4,784 (4,276 to 5,336)	38 (34 to 42)	2.42 (2.16 to 2.70)	0.02 (0.02 to 0.02)
2023-09	2,700 (2,413 to 2,951)	144.39	5.35%	2,700 (2,413 to 2,951)	0 (0 to 0)	1.36 (1.21 to 1.48)	0.00 (0.00 to 0.00)
2023-10	2,242 (1,987 to 2,510)	134.20	5.99%	2,242 (1,987 to 2,510)	0 (0 to 0)	1.13 (1.00 to 1.26)	0.00 (0.00 to 0.00)
2023-11	177 (115 to 239)	32.16	18.21%	177 (115 to 239)	0 (0 to 0)	0.09 (0.06 to 0.12)	0.00 (0.00 to 0.00)
2023-12	23 (6 to 46)	11.47	49.64%	23 (6 to 46)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2024-01	123 (70 to 179)	28.41	23.04%	123 (70 to 179)	0 (0 to 0)	0.06 (0.04 to 0.09)	0.00 (0.00 to 0.00)
2024-02	28 (6 to 52)	12.70	45.87%	28 (6 to 52)	0 (0 to 0)	0.01 (0.00 to 0.03)	0.00 (0.00 to 0.00)

Table B1.53: Puffin Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	836 (629 to 1,042)	108.39	12.97%	813 (612 to 1013)	23 (17 to 29)	0.3 (0.23 to 0.37)	0.01 (0.01 to 0.01)
2022-05	482 (367 to 608)	62.27	12.91%	459 (350 to 579)	23 (17 to 29)	0.17 (0.13 to 0.22)	0.01 (0.01 to 0.01)
2022-06	669 (497 to 817)	83.16	12.43%	669 (497 to 817)	0 (0 to 0)	0.24 (0.18 to 0.29)	0.00 (0.00 to 0.00)
2022-07	554 (420 to 720)	77.58	14.00%	548 (416 to 712)	6 (4 to 8)	0.2 (0.15 to 0.26)	0.00 (0.00 to 0.00)
2022-08	3,724 (3,299 to 4,161)	231.39	6.21%	3,581 (3,172 to 4,001)	143 (127 to 160)	1.34 (1.18 to 1.49)	0.05 (0.05 to 0.06)
2023-04	947 (778 to 1,130)	91.45	9.65%	907 (745 to 1,082)	40 (33 to 48)	0.34 (0.28 to 0.41)	0.01 (0.01 to 0.02)
2023-05	1,239 (1,035 to 1,423)	101.95	8.23%	1,239 (1,035 to 1,423)	0 (0 to 0)	0.44 (0.37 to 0.51)	0.00 (0.00 to 0.00)
2023-06	2,336 (2,057 to 2,598)	137.53	5.89%	2,313 (2,037 to 2,573)	23 (20 to 25)	0.84 (0.74 to 0.93)	0.01 (0.01 to 0.01)
2023-07	761 (599 to 924)	84.27	11.08%	680 (535 to 826)	81 (64 to 98)	0.27 (0.21 to 0.33)	0.03 (0.02 to 0.04)
2023-08	10,962 (10,065 to 11,838)	455.66	4.16%	10,876 (9,986 to 11,745)	86 (79 to 93)	3.93 (3.61 to 4.25)	0.03 (0.03 to 0.03)

Table B1.54: Black Guillemot Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	6 (0 to 17)	5.78	103.57%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	6 (0 to 17)	5.68	98.33%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	6 (0 to 17)	5.49	99.51%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.55: Black Guillemot Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	17 (0 to 35)	10.19	59.60%	11 (0 to 23)	6 (0 to 12)	0.01 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	29 (6 to 52)	13.01	45.61%	29 (6 to 52)	0 (0 to 0)	0.01 (0.00 to 0.02)	0.00 (0.00 to 0.00)
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.56: Little Auk Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	6 (0 to 17)	5.83	101.70%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.57: Grey Plover Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	11 (0 to 34)	11.15	98.07%	0 (0 to 0)	11 (0 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.58: Grey Plover Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	11 (0 to 34)	11.2	98.07%	0 (0 to 0)	11 (0 to 34)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)

Table B1.59: Golden Plover Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	11 (0 to 34)	11.54	100.34%	0 (0 to 0)	11 (0 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.60: Golden Plover Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	12 (0 to 34)	11.55	100.33%	0 (0 to 0)	12 (0 to 34)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.61: Grey Heron Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	12 (0 to 34)	11.75	102.09%	0 (0 to 0)	12 (0 to 34)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.62: Grey Heron Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	5 (0 to 17)	5.66	103.07%	5 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	12 (0 to 34)	11.80	102.05%	0 (0 to 0)	12 (0 to 34)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2023-04	-	-	-	-	-	-	-
2023-05	6 (0 to 17)	5.82	103.13%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.63: Snipe Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-
2023-09	-	-	-	-	-	-	-
2023-10	120 (11 to 247)	61.70	51.44%	0 (0 to 0)	120 (11 to 247)	0.06 (0.01 to 0.12)	0.06 (0.01 to 0.12)
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.64: Oystercatcher Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	6 (0 to 17)	5.62	97.72%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0 (0.00 to 0.01)
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	48 (0 to 137)	46.86	98.07%	0 (0 to 0)	48 (0 to 137)	0.02 (0.00 to 0.07)	0.02 (0.00 to 0.07)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.65: Oystercatcher Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	22 (0 to 52)	16.88	76.13%	0 (0 to 0)	22 (0 to 52)	0.01 (0.00 to 0.02)	0.01 (0.00 to 0.02)
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	6 (0 to 17)	5.67	101.09%	6 (0 to 17)	0 (0 to 0)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.00)
2023-08	48 (0 to 138)	47.05	98.05%	0 (0 to 0)	48 (0 to 138)	0.02 (0.00 to 0.05)	0.02 (0.00 to 0.05)

Table B1.66: Redshank Unattributed Design-based Abundances and Densities in the DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-03	-	-	-	-	-	-	-
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2022-09	-	-	-	-	-	-	-
2022-10	-	-	-	-	-	-	-
2022-11	-	-	-	-	-	-	-
2022-12	-	-	-	-	-	-	-
2023-01	-	-	-	-	-	-	-
2023-02	-	-	-	-	-	-	-
2023-03	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	250 (0 to 541)	160.80	64.44%	0 (0 to 0)	250 (0 to 541)	0.13 (0.00 to 0.27)	0.13 (0.00 to 0.27)
2023-09	-	-	-	-	-	-	-
2023-10	-	-	-	-	-	-	-
2023-11	-	-	-	-	-	-	-
2023-12	-	-	-	-	-	-	-
2024-01	-	-	-	-	-	-	-
2024-02	-	-	-	-	-	-	-

Table B1.67: Redshank Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	251 (0 to 544)	161.47	64.63%	0 (0 to 0)	251 (0 to 544)	0.09 (0.00 to 0.20)	0.09 (0.00 to 0.20)

Table B1.68: Rock Dove Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	-	-	-	-	-	-	-
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	6 (0 to 17)	5.91	101.22%	0 (0 to 0)	6 (0 to 17)	0.00 (0.00 to 0.01)	0 (0.00 to 0.01)
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	-	-	-	-	-	-	-

Table B1.69: Feral Pigeon Unattributed Design-based Abundances and Densities in the Extended DAS Area

Survey	Abundance all	SD	CV	Abundance sitting	Abundance flying	Density all	Density flying
2022-04	-	-	-	-	-	-	-
2022-05	12 (0 to 35)	11.39	94.74%	0 (0 to 0)	12 (0 to 35)	0.00 (0.00 to 0.01)	0.00 (0.00 to 0.01)
2022-06	-	-	-	-	-	-	-
2022-07	-	-	-	-	-	-	-
2022-08	-	-	-	-	-	-	-
2023-04	-	-	-	-	-	-	-
2023-05	-	-	-	-	-	-	-
2023-06	-	-	-	-	-	-	-
2023-07	-	-	-	-	-	-	-
2023-08	35 (0 to 103)	34.36	99.09%	0 (0 to 0)	35 (0 to 103)	0.01 (0.00 to 0.04)	0.01 (0.00 to 0.04)