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Marine Scotland Science

Locational Guidelines for the Authorisation of
Marine Fish Farms in Scottish Waters

December 2020



marinescotland
science

// Locational Guidelines for the Authorisation of Marine Fish Farms in Scottish Waters:

Category 1, 2 and 3 areas designated on the basis of Marine Scotland Science (MSS) predictive models to estimate environmental sensitivity of sea lochs

The following tables and maps describe the Category 1, 2 and 3 areas for the Scottish Government Locational Guidelines, designated on the basis of MSS predictive modelling to estimate nutrient enhancement and benthic impact in sea lochs or similar water bodies supporting aquaculture. For a detailed explanation of how these categorisations were derived, refer to the Scottish Fisheries Research Report 'Scottish Government Locational Guidelines for fish farming: Predicted levels of nutrient enhancement and benthic impact'. Predictive models were used to assign each sea loch an index of 'nutrient enhancement' and 'benthic impact'. The sum of these indices was used for the categorisation of areas as indicated below.

| Combined 'nutrient enhancement' and 'benthic impact' indices | Category |
|--|----------|
| 7 - 10 | 1 |
| 5 - 6 | 2 |
| 0 - 4 | 3 |

These tables and maps were last updated in December 2020

Maps are available using the following links:

<https://marinescotland.atkinsgeospatial.com/nmpi/default.aspx?layers=530>

The next update will be in March 2021

Please note that the Sealoch parameters used in the MSS Locational Guidelines predictive models for the calculation of the sea loch Categories can now be found at the end of this document.

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Category 1 areas

| Loch | Maximum biomass (tonnes)† | Total biomass (tonnes)# | 'Nutrient enhancement' index | 'Benthic impact' index | 'Combined' index |
|--|---------------------------|-------------------------|------------------------------|------------------------|------------------|
| 1 Loch Airdbhair (inc Loch na Droigniche) | 375 | 375 | 3 | 4 | 7 |
| 2 Calbha Bay | 1080 | 1080 | 4 | 3 | 7 |
| 3 Loch Meanervagh | 433 | 433 | 4 | 4 | 8 |
| 4 Northra Voe | 500 | 500 | 4 | 3 | 7 |
| 5 Sandsound Voe | 5136 | 5136 | 4 | 3 | 7 |
| 6 Loch Sheilavaig | 1211 | 2111 | 4 | 4 | 8 |
| 7 Stromness Voe | 1650 | 1650 | 4 | 3 | 7 |
| 8 Vala Sound | 3595 | 3595 | 4 | 3 | 7 |
| 9 Vidlin Voe | 2846 | 2846 | 4 | 3 | 7 |
| 10 Weisdale Voe | 3952 | 3952 | 4 | 3 | 7 |

† Biomass as consented by SEPA at time of modelling, taking into consideration grouped and rotational sites.

Biomass as consented by SEPA at the time of modelling on a site by site basis.

Category 2 areas

| | | Maximum biomass (tonnes) [†] | Total biomass (tonnes) [#] | 'Nutrient enhancement' index | 'Benthic impact' index | 'Combined' index |
|----|---------------------------------|---------------------------------------|-------------------------------------|------------------------------|------------------------|------------------|
| | Loch | | | | | |
| 1 | A'Choire | 1400 | 1400 | 3 | 3 | 6 |
| 2 | Loch Ainort | 1800 | 1800 | 2 | 3 | 5 |
| 3 | Aith Voe | 3484 | 3484 | 3 | 2 | 5 |
| 4 | Loch A'Laip | 750 | 750 | 3 | 3 | 6 |
| 5 | Badcall Bay | 1007 | 1607 | 3 | 3 | 6 |
| 6 | Baltasound | 2185 | 2185 | 3 | 2 | 5 |
| 7 | Basta Voe | 4461 | 4461 | 3 | 3 | 6 |
| 8 | Loch Boisdale | 4071 | 4071 | 3 | 3 | 6 |
| 9 | Brindister Voe / Vementry Sound | 2166 | 2166 | 3 | 2 | 5 |
| 10 | Busta Voe | 1050 | 1050 | 3 | 2 | 5 |
| 11 | Loch Carnan | 410 | 410 | 3 | 3 | 6 |
| 12 | Cat Firth | 1343 | 1343 | 3 | 2 | 5 |
| 13 | Loch Clash | 540 | 540 | 2 | 3 | 5 |
| 14 | Clift Sound | 4982 | 4982 | 3 | 3 | 6 |
| 15 | Dales Voe North | 850 | 850 | 3 | 2 | 5 |
| 16 | Dury Voe | 5460 | 5460 | 3 | 2 | 5 |
| 17 | East Loch Tarbert | 12364 | 12364 | 2 | 3 | 5 |
| 18 | Loch Eport | 1589 | 1589 | 2 | 3 | 5 |
| 19 | Loch Erisort / Leurbost | 8777 | 8777 | 2 | 3 | 5 |
| 20 | Loch Greshornish | 2195 | 2195 | 2 | 3 | 5 |
| 21 | Loch Grimshader | 622 | 622 | 3 | 3 | 6 |
| 22 | Loch Grosebay | 2001 | 2001 | 3 | 3 | 6 |
| 23 | Gruting Voe | 4395 | 4395 | 4 | 2 | 6 |
| 24 | Loch Harport | 2000 | 2000 | 2 | 3 | 5 |
| 25 | Loch Kishorn | 3500 | 4799 | 2 | 3 | 5 |
| 26 | Loch Laxfirth | 942 | 942 | 3 | 2 | 5 |
| 27 | Mid Yell Voe | 1210 | 1210 | 3 | 3 | 6 |
| 28 | Loch Nedd | 250 | 250 | 2 | 3 | 5 |
| 29 | Loch Odhairn | 2801 | 2801 | 3 | 3 | 6 |
| 30 | Olna Voe | 2500 | 2500 | 3 | 3 | 6 |
| 31 | Loch Pooltiel | 2700 | 2700 | 3 | 2 | 5 |
| 32 | Loch Portree | 4214 | 4214 | 2 | 3 | 5 |
| 33 | Ronas Voe | 2350 | 2350 | 3 | 2 | 5 |
| 34 | Loch Seaforth | 7380 | 7380 | 2 | 3 | 5 |
| 35 | Loch Shell | 6453 | 6453 | 2 | 3 | 5 |
| 36 | Loch Skipport | 2460 | 2460 | 3 | 3 | 6 |
| 37 | Swarbacks Minn | 19842 | 20342 | 3 | 3 | 6 |
| 38 | Swining Voe | 1920 | 1920 | 3 | 2 | 5 |
| 39 | Swinister Voe | 13227 | 13227 | 3 | 3 | 6 |
| 40 | Uig Bay | 1625 | 1625 | 3 | 3 | 6 |
| 41 | Loch Uiskevagh | 1104 | 1104 | 3 | 3 | 6 |
| 42 | Wadbister Voe | 800 | 800 | 3 | 2 | 5 |

Category 3 areas

| Loch | Maximum biomass (tonnes)† | Total biomass (tonnes)# | 'Nutrient enhancement' index | 'Benthic impact' index | 'Combined' index |
|--|---------------------------|-------------------------|------------------------------|------------------------|------------------|
| 1 Loch Ailort | 300 | 300 | 1 | 1 | 2 |
| 2 Loch Aline | 0 | 0 | 0 | 0 | 0 |
| 3 Loch Alsh (inc Loch Long) | 5600 | 5600 | 2 | 2 | 4 |
| 4 Loch Arnish | 0 | 0 | 0 | 0 | 0 |
| 5 Loch Bay | 500 | 500 | 1 | 1 | 2 |
| 6 Loch Bracadale | 2075 | 2075 | 1 | 1 | 2 |
| 7 Broad Bay | 2240 | 2240 | 1 | 1 | 2 |
| 8 Loch Broom | 1050 | 1050 | 1 | 1 | 2 |
| 9 Burwick Bay | 0 | 0 | 0 | 0 | 0 |
| 10 Loch Cairnbhain (inc. Loch Glendhu and Loch Glencoul) | 3250 | 3250 | 2 | 2 | 4 |
| 11 Loch Caolisport | 192 | 192 | 1 | 1 | 2 |
| 12 Loch Carron | 2687 | 2687 | 1 | 2 | 3 |
| 13 Loch Claidh | 0 | 0 | 0 | 0 | 0 |
| 14 Collafirth Voe | 0 | 0 | 0 | 0 | 0 |
| 15 Loch Craignish | 3183 | 3183 | 2 | 2 | 4 |
| 16 Loch Creran | 3000 | 3000 | 2 | 2 | 4 |
| 17 Dales Voe | 0 | 0 | 0 | 0 | 0 |
| 18 Loch Duich | 2500 | 2500 | 2 | 2 | 4 |
| 19 Loch Dunvegan | 5945 | 5945 | 2 | 2 | 4 |
| 20 Loch Eishort | 1200 | 1200 | 2 | 2 | 4 |
| 21 Loch Eriboll | 1395 | 1395 | 1 | 1 | 2 |
| 22 Loch Etive | 4004 | 4004 | 2 | 2 | 4 |
| 23 Loch Ewe | 771 | 771 | 1 | 1 | 2 |
| 24 Loch Eynort | 20 | 20 | 1 | 1 | 2 |
| 25 Loch Feochan | 0 | 0 | 0 | 0 | 0 |
| 26 Loch Fyne | 13557 | 13557 | 1 | 1 | 2 |
| 27 Loch Geocrab | 200 | 200 | 2 | 2 | 4 |
| 28 Loch Hourn | 3375 | 3375 | 1 | 2 | 3 |
| 29 Loch Incharid | 0 | 0 | 0 | 0 | 0 |
| 30 Loch Kilerivagh | 0 | 0 | 0 | 0 | 0 |
| 31 Kirk Hope | 0 | 0 | 0 | 0 | 0 |
| 32 Loch Laxford | 1390 | 2026 | 2 | 2 | 4 |
| 33 Loch Leven | 1607 | 1607 | 2 | 2 | 4 |
| 34 Loch Linnhe (inc. Loch Eil) | 5000 | 5000 | 1 | 2 | 3 |
| 35 Little Loch Broom | 1997 | 1997 | 1 | 2 | 3 |
| 36 Loch Long (inc. Loch Goil) | 500 | 500 | 1 | 1 | 2 |
| 37 Loch Melfort | 615 | 615 | 1 | 1 | 2 |
| 38 Loch Mharabhigh | 0 | 0 | 0 | 0 | 0 |
| 39 Loch Moidart | 0 | 0 | 0 | 0 | 0 |
| 40 Loch na Keal | 2770 | 2770 | 1 | 2 | 3 |

| | Maximum biomass (tonnes) [†] | Total biomass (tonnes) [#] | 'Nutrient enhancement' index | 'Benthic impact' index | 'Combined' index |
|-----------------------------|---------------------------------------|-------------------------------------|------------------------------|------------------------|------------------|
| Loch | | | | | |
| 41 Loch Nevis | 4480 | 4480 | 1 | 2 | 3 |
| 42 Pierowall Bay | 165 | 165 | 2 | 2 | 4 |
| 43 Loch Riddon | 0 | 0 | 0 | 0 | 0 |
| 44 Loch Roag | 15739 | 15739 | 2 | 2 | 4 |
| 45 Loch Ryan | 0 | 0 | 0 | 0 | 0 |
| 46 Loch Scridain | 1900 | 1900 | 1 | 1 | 2 |
| 47 Selivoe | 963 | 963 | 3 | 1 | 4 |
| 48 Loch Slapin | 350 | 350 | 1 | 2 | 3 |
| 49 Loch Sligachan | 0 | 0 | 0 | 0 | 0 |
| 50 Loch Snizort Beag | 500 | 500 | 1 | 2 | 3 |
| 51 Loch Spelve | 1578 | 1578 | 2 | 1 | 3 |
| 52 Loch Stockinish | 0 | 0 | 0 | 0 | 0 |
| 53 Loch Striven | 4673 | 4673 | 2 | 2 | 4 |
| 54 Loch Sunart | 5680 | 5680 | 1 | 2 | 3 |
| 55 Loch Sween | 0 | 0 | 0 | 0 | 0 |
| 56 Tobermory Bay | 0 | 0 | 0 | 0 | 0 |
| 57 Loch Torridon | 7035 | 7035 | 1 | 2 | 3 |
| 58 Loch Tuath | 2350 | 2350 | 1 | 2 | 2 |
| 59 West Burra Firth | 0 | 0 | 0 | 0 | 0 |
| 60 West Loch Tarbert | 4371 | 4371 | 2 | 2 | 4 |
| 61 Whalefirth Voe | 813 | 813 | 2 | 2 | 4 |
| 62 Whiteness Voe | 500 | 500 | 3 | 1 | 4 |

[†] Biomass as consented by SEPA at time of modelling, taking into consideration grouped and rotational sites.

[#] Biomass as consented by SEPA at the time of modelling on a site by site basis.

Sealoch parameters* used in the MSS Locational Guidelines predictive models

| Loch Name | Length (km) | Area (km ²) | Volume (Mm ³) | Tidal Range (m) | Tf (days) | Q (Mm ³ yr ⁻¹) |
|-------------------|-------------|-------------------------|---------------------------|-----------------|-----------|---------------------------------------|
| A'Choire | 2.3 | 1.3 | 17.1 | 3.4 | 3.0 | 2077 |
| Ailort | 8.1 | 8.7 | 91.3 | 4.3 | 1.9 | 17542 |
| Ainort | 3.9 | 3.5 | 52.5 | 4.6 | 2.5 | 7665 |
| Airdbhair | 2.2 | 0.4 | 2.1 | 4.2 | 0.9 | 839 |
| Aith Hope | 1.8 | 0.6 | 3.0 | 2.3 | 1.7 | 644 |
| Alith Voe | 4.0 | 4.8 | 117.7 | 1.7 | 10.7 | 4015 |
| A'Laip | 2.5 | 1.1 | 5.7 | 3.9 | 1.0 | 2072 |
| Aline | 3.5 | 1.8 | 17.5 | 3.4 | 2.2 | 2903 |
| Alsh | 13.1 | 27.2 | 933.9 | 4.6 | 5.6 | 60873 |
| Arnish | 2.0 | 2.0 | 61.1 | 3.2 | 7.2 | 3097 |
| Badcall Bay | 1.9 | 1.3 | 13.9 | 3.6 | 2.3 | 2208 |
| Baltasound | 2.9 | 3.7 | 30.5 | 1.9 | 3.3 | 3375 |
| Basta Voe | 5.2 | 5.7 | 75.5 | 1.9 | 5.2 | 5298 |
| Bay | 6.9 | 15.4 | 343.0 | 4.5 | 3.7 | 33837 |
| Boisdale | 5.7 | 4.7 | 55.1 | 3.8 | 2.3 | 8749 |
| Bracadale | 10.5 | 45.8 | 1053.9 | 3.1 | 5.6 | 68693 |
| Brindister | 5.5 | 5.0 | 46.2 | 1.7 | 4.1 | 4112 |
| Broad Bay | 14.0 | 82.5 | 1357.7 | 4.1 | 3.0 | 165188 |
| Broom | 14.7 | 16.0 | 391.6 | 4.5 | 4.1 | 34864 |
| Burswick | 0.9 | 0.4 | 4.4 | 0.9 | 8.5 | 189 |
| BUSTA | 3.0 | 3.0 | 50.7 | 1.7 | 7.3 | 2537 |
| Cairnbhain | 14.9 | 14.0 | 330.6 | 4.2 | 4.2 | 28727 |
| Calbha Bay | 1.4 | 0.7 | 8.2 | 3.6 | 2.6 | 1153 |
| Caolisport | 8.3 | 14.9 | 163.4 | 0.9 | 9.1 | 6552 |
| Carnan | 1.8 | 0.7 | 2.1 | 3.9 | 0.6 | 1294 |
| Carron | 26.7 | 20.6 | 602.5 | 4.7 | 4.7 | 46791 |
| Cat Firth | 3.0 | 2.8 | 26.9 | 1.8 | 4.1 | 2395 |
| Claidh | 6.7 | 4.5 | 97.6 | 4.2 | 3.9 | 9134 |
| Clash | 1.6 | 1.0 | 17.2 | 4.2 | 3.0 | 2096 |
| Clift Soundf | 10.0 | 8.5 | 123.6 | 1.4 | 7.8 | 5782 |
| Collafirth | 2.4 | 0.9 | 11.5 | 1.8 | 5.1 | 820 |
| Craignish | 8.8 | 14.6 | 202.0 | 2.1 | 5.0 | 14750 |
| Creran | 12.8 | 12.4 | 161.1 | 3.3 | 3.0 | 19600 |
| Dales Voe | 4.9 | 3.2 | 47.3 | 1.2 | 9.2 | 1877 |
| Dales Voe North | 5.1 | 3.1 | 48.2 | 1.8 | 6.4 | 2751 |
| Duich | 8.3 | 11.2 | 510.7 | 4.6 | 7.4 | 25191 |
| Dunvegan | 10.4 | 21.7 | 1255.5 | 4.5 | 9.6 | 47736 |
| Dury Voe | 6.5 | 13.0 | 308.5 | 1.4 | 13.1 | 8597 |
| East Loch Tarbert | 8.5 | 26.2 | 518.5 | 4.2 | 3.6 | 52575 |
| Eishort | 5.2 | 2.5 | 19.4 | 4.3 | 1.4 | 5045 |
| Eport | 7.0 | 3.9 | 27.4 | 4.1 | 1.3 | 7695 |
| Eriboll | 15.5 | 37.5 | 954.1 | 4.3 | 4.4 | 79150 |
| Erisort/Leurbost | 14.6 | 15.8 | 227.0 | 4.1 | 2.6 | 31873 |
| Etive | 29.5 | 28.3 | 948.7 | 1.8 | 13.9 | 24913 |
| Ewe | 11.9 | 43.0 | 846.3 | 4.4 | 3.4 | 90853 |
| Eynort | 4.3 | 2.2 | 17.3 | 4.1 | 1.4 | 4502 |
| Feochan | 6.7 | 2.8 | 17.9 | 3.3 | 1.5 | 4356 |
| Fyne | 60.5 | 183.3 | 9440.2 | 3.1 | 12.4 | 277876 |
| Geocrab | 2.5 | 0.6 | 5.4 | 4.2 | 1.6 | 1227 |
| Greshornish | 5.9 | 4.7 | 74.1 | 4.6 | 2.6 | 10403 |
| Grimshader | 3.5 | 0.9 | 8.4 | 4.1 | 1.7 | 1806 |

* The majority of these parameters have been taken from Edwards and Sharples (1986), however the volumes and areas were re-calculated in 2006 by digitising the depth contours on Admiralty charts.

| Loch Name | Length (km) | Area (km ²) | Volume (Mm ³) | Tidal Range (m) | Tf (days) | Q (Mm ³ yr ⁻¹) |
|-------------------|-------------|-------------------------|---------------------------|-----------------|-----------|---------------------------------------|
| Grosebay | 2.6 | 2.9 | 47.9 | 4.2 | 2.9 | 6025 |
| Gruting | 7.6 | 6.7 | 95.7 | 1.1 | 9.7 | 3600 |
| Harport | 12.5 | 7.2 | 108.8 | 4.3 | 2.7 | 14710 |
| Hourn | 21.3 | 34.5 | 1905.0 | 4.2 | 9.8 | 70953 |
| Inchard | 6.6 | 3.7 | 77.1 | 4.2 | 3.7 | 7608 |
| Kilerivach | 4.2 | 1.0 | 2.2 | 3.9 | 0.5 | 1606 |
| Kirk Hope | 1.8 | 0.6 | 4.4 | 2.3 | 2.4 | 669 |
| Kishorn | 4.1 | 7.8 | 191.3 | 4.7 | 3.9 | 17901 |
| Laxfirth | 3.8 | 2.3 | 21.1 | 1.8 | 3.9 | 1977 |
| Laxford | 7.0 | 7.2 | 107.5 | 4.2 | 2.7 | 14528 |
| Leven | 13.4 | 8.1 | 149.2 | 3.7 | 3.8 | 14335 |
| Linnhe | 29.1 | 33.7 | 1303.7 | 3.7 | 7.8 | 61006 |
| Little L Broom | 12.7 | 23.0 | 914.7 | 4.5 | 6.6 | 50587 |
| Long | 26.9 | 44.0 | 1758.0 | 3.1 | 9.6 | 66840 |
| Meanervach | 1.4 | 0.2 | 0.8 | 3.9 | 0.9 | 315 |
| Melfort | 6.0 | 10.2 | 256.5 | 2.3 | 8.2 | 11418 |
| Mharabhig | 1.3 | 0.5 | 1.7 | 4.1 | 0.7 | 864 |
| Mid Yell | 3.3 | 1.7 | 11.7 | 1.9 | 2.7 | 1576 |
| Moidart | 2.8 | 2.9 | 8.6 | 4.3 | 0.6 | 5232 |
| Na Keal | 10.7 | 32.2 | 694.7 | 3.8 | 4.3 | 58966 |
| Nedd | 2.4 | 0.5 | 3.3 | 4.2 | 1.1 | 1110 |
| Nevis | 17.2 | 29.9 | 1505.0 | 4.3 | 8.8 | 62424 |
| Northra Voe | 1.0 | 0.3 | 2.2 | 1.5 | 4.2 | 187 |
| Odhairn | 3.6 | 1.8 | 29.8 | 4.1 | 3.1 | 3511 |
| OlnaVoe | 4.6 | 4.0 | 79.6 | 1.7 | 8.7 | 3341 |
| Pierowall Harbour | 1.6 | 1.1 | 3.5 | 2.3 | 1.0 | 1286 |
| Pool Tiel | 3.9 | 3.9 | 111.4 | 3.1 | 7.0 | 5808 |
| Portree | 4.9 | 4.1 | 88.3 | 4.6 | 3.5 | 9212 |
| Riddon | 5.3 | 2.8 | 49.8 | 2.6 | 5.1 | 3561 |
| Roag | 14.0 | 68.3 | 1135.5 | 3.6 | 3.5 | 118419 |
| Ronas Voe | 9.4 | 9.4 | 176.0 | 1.7 | 8.2 | 7834 |
| Ryan | 13.4 | 36.6 | 166.4 | 2.8 | 1.3 | 46720 |
| Sandsound | 8.6 | 6.0 | 69.7 | 1.1 | 7.9 | 3219 |
| Scridain | 12.0 | 27.0 | 734.2 | 3.7 | 5.5 | 48721 |
| Seaforth | 22.6 | 24.6 | 604.1 | 4.2 | 4.4 | 50111 |
| Selivoe | 4.0 | 4.8 | 88.9 | 1.1 | 12.5 | 2597 |
| Sheilavaig | 3.0 | 0.6 | 1.5 | 4.1 | 0.5 | 1105 |
| Shell | 7.5 | 15.0 | 391.5 | 4.1 | 4.8 | 29769 |
| Skiport | 4.6 | 3.0 | 38.9 | 4.1 | 2.4 | 5919 |
| Slapin | 3.4 | 2.1 | 11.6 | 4.3 | 1.0 | 4219 |
| Sligachan | 4.4 | 1.7 | 15.7 | 4.6 | 1.5 | 3809 |
| Snizort Beg | 4.7 | 6.9 | 101.9 | 4.6 | 2.5 | 14884 |
| Spelve | 7.7 | 8.9 | 144.9 | 3.5 | 3.5 | 15111 |
| Stockinish | 3.5 | 1.5 | 17.8 | 4.2 | 2.1 | 3093 |
| Striven | 12.9 | 14.3 | 546.7 | 2.6 | 11.0 | 18142 |
| StromnessVoe | 4.6 | 2.3 | 13.6 | 1.1 | 4.1 | 1209 |
| Sunart | 30.7 | 50.6 | 1754.0 | 4.0 | 6.5 | 98493 |
| Swarbacks Minn | 13.0 | 30.9 | 995.1 | 1.7 | 14.1 | 25759 |
| Sween | 14.8 | 17.4 | 216.9 | 1.6 | 5.9 | 13418 |
| Swining Voe | 4.0 | 3.5 | 63.1 | 1.8 | 7.6 | 3031 |
| Swinster Voe | 6.3 | 14.9 | 367.5 | 1.8 | 4.9 | 27377 |
| Tobermory Bay | 1.6 | 1.6 | 36.6 | 3.7 | 4.7 | 2842 |
| Torridon | 22.2 | 68.5 | 3300.2 | 4.9 | 7.4 | 162779 |
| Tuath | 9.5 | 23.4 | 412.4 | 3.5 | 3.8 | 39616 |

| Loch Name | Length (km) | Area (km ²) | Volume (Mm ³) | Tidal Range (m) | Tf (days) | Q (Mm ³ yr ⁻¹) |
|-------------------|-------------|-------------------------|---------------------------|-----------------|-----------|---------------------------------------|
| Uig Bay | 8.8 | 3.1 | 64.8 | 3.1 | 5.1 | 4639 |
| Uiskevagh | 3.3 | 1.9 | 10.0 | 4.1 | 1.0 | 3652 |
| Vaila Sound | 3.5 | 3.6 | 35.6 | 1.2 | 6.1 | 2128 |
| Vidlin Voe | 3.0 | 2.7 | 37.3 | 1.8 | 5.7 | 2392 |
| Wadbister Voe | 2.1 | 1.6 | 18.2 | 1.8 | 4.7 | 1416 |
| Weisdale | 6.7 | 6.0 | 104.0 | 1.1 | 11.7 | 3244 |
| West Burra Firth | 1.6 | 0.9 | 10.4 | 1.3 | 6.7 | 567 |
| West Loch Tarbert | 6.5 | 23.2 | 396.9 | 3.8 | 3.4 | 42614 |
| Whalefirth | 6.3 | 3.1 | 28.0 | 1.9 | 3.6 | 2839 |
| Whiteness Voe | 4.5 | 3.0 | 36.0 | 1.1 | 8.3 | 1583 |

* The majority of these parameters have been taken from Edwards and Sharples (1986), however the volumes and areas were re-calculated in 2006 by digitising the depth contours on Admiralty charts.



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