



Single Location Forecast - 7 Day

Scapa Flow (58°53'N 003°02'W)
Scapa Flow
Orkney Harbour DTNO_REF_19049545

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Issued on 21 May 2025, 04:01 UTC

Meteorological Situation

A relatively weak pressure gradient will bring mostly gentle to moderate winds across Orkney through the next days. Mainly dry and settled weather is forecast however, there is chance for the odd shower to develop and push through the area. On Saturday, an Atlantic Low will push a frontal through across Orkney with periods of rain and winds might increase up to fresh breeze. Local conditions next 72 hrs: Wind: N-ly, light, increasing to moderate. Sea temperature: 11-12C.

Warnings (next 24 Hours)

Gale ● Nil
Wind Shear ● Nil
Lightning Risk ● Low
Confidence ● Low

Criteria Levels

Winds 10m Spd
35 kts

| UTC | Winds | | | | | | | | | | Weather | | | | | | | | | |
|------------------------------|---------------|--------------|---------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|----------------|-------------|-------------|--------------|--------------|-----------------|-----------|--------------|-------------|---------------|
| | 10m | | | | 50m | | | 100m | | | Type (text) | Air | | | | | | Cloud | | MSLP (hPa) |
| | Dir (text) | Spd (kts) | Risk (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | | T10 (°C) | T50 (°C) | T100 (°C) | Td10 (°C) | Vis10 (text) | RH (%) | Base (ft) | Frac (%) | |
| Wednesday 21 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 03 | N | 10 | 13 | 14 | 10 | 15 | 19 | 10 | 16 | 21 | nsw | 9 | 8 | 8 | 7 | good | 89 | 2000 | 30 | 1021 |
| 06 | N | 10 | 13 | 14 | 10 | 14 | 18 | 10 | 15 | 20 | nsw | 9 | 9 | 8 | 6 | good | 82 | 2000 | 46 | 1021 |
| 09 | N | 8 | 11 | 11 | 0 | 10 | 14 | 0 | 11 | 15 | nsw | 10 | 10 | 9 | 6 | good | 72 | 2000 | 52 | 1021 |
| 12 | NNE | 11 | 14 | 15 | 10 | 13 | 17 | 10 | 13 | 18 | nsw | 11 | 10 | 10 | 5 | good | 68 | 3500 | 46 | 1021 |
| 15 | NNE | 13 | 16 | 17 | 20 | 15 | 20 | 20 | 16 | 21 | nsw | 11 | 10 | 9 | 5 | good | 67 | 3500 | 55 | 1021 |
| 18 | NNE | 13 | 14 | 17 | 30 | 16 | 21 | 30 | 17 | 22 | nsw | 9 | 9 | 8 | 3 | good | 64 | 3500 | 48 | 1022 |
| 21 | NNE | 9 | 10 | 13 | 20 | 13 | 18 | 20 | 15 | 20 | nsw | 8 | 8 | 7 | 2 | good | 63 | nlc | 21 | 1023 |
| Thursday 22 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | N | 9 | 11 | 13 | 10 | 14 | 19 | 20 | 16 | 21 | nsw | 8 | 8 | 7 | 2 | good | 66 | 3500 | 39 | 1023 |
| 03 | N | 10 | 12 | 12 | 0 | 14 | 17 | 0 | 16 | 19 | nsw | 8 | 8 | 7 | 3 | good | 69 | 3500 | 56 | 1022 |
| 06 | N | 12 | 13 | 15 | 0 | 15 | 19 | 0 | 17 | 21 | nsw | 8 | 8 | 7 | 2 | good | 65 | 3500 | 65 | 1023 |
| 09 | N | 12 | 14 | 16 | 10 | 16 | 20 | 10 | 17 | 21 | nsw | 9 | 9 | 8 | 2 | good | 60 | 3500 | 49 | 1023 |
| 12 | N | 12 | 14 | 16 | 0 | 15 | 19 | 0 | 16 | 20 | nsw | 9 | 9 | 8 | 2 | good | 61 | 3500 | 60 | 1023 |
| 15 | N | 13 | 14 | 17 | 0 | 15 | 20 | 0 | 16 | 21 | nsw | 10 | 9 | 8 | 2 | good | 61 | 3500 | 67 | 1023 |
| 18 | N | 13 | 14 | 17 | 0 | 15 | 20 | 0 | 17 | 21 | nsw | 9 | 9 | 8 | 2 | good | 63 | 3500 | 59 | 1022 |
| 21 | N | 9 | 11 | 12 | 0 | 13 | 16 | 0 | 15 | 18 | nsw | 8 | 8 | 7 | 3 | good | 68 | 3500 | 54 | 1022 |
| Friday 23 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | N | 9 | 10 | 11 | 350 | 12 | 15 | 350 | 14 | 17 | nsw | 8 | 8 | 7 | 2 | good | 66 | 3500 | 57 | 1021 |
| 03 | N | 8 | 9 | 10 | 350 | 11 | 13 | 350 | 12 | 15 | nsw | 8 | 7 | 6 | 3 | good | 71 | 3500 | 61 | 1020 |
| 06 | N | 8 | 9 | 11 | 350 | 11 | 14 | 350 | 12 | 15 | nsw | 8 | 7 | 7 | 2 | good | 68 | 3500 | 59 | 1019 |
| 09 | N | 6 | 7 | 9 | 0 | 8 | 11 | 0 | 9 | 12 | nsw | 9 | 8 | 8 | 2 | good | 62 | 3500 | 55 | 1018 |
| 12 | N | 5 | 6 | 7 | 350 | 6 | 8 | 350 | 6 | 9 | nsw | 10 | 9 | 8 | 2 | good | 59 | 3500 | 64 | 1017 |
| 15 | E | 4 | 5 | 6 | 60 | 4 | 6 | 40 | 5 | 7 | nsw | 10 | 10 | 9 | 2 | good | 59 | 3500 | 63 | 1015 |
| 18 | ESE | 5 | 6 | 7 | 120 | 6 | 8 | 120 | 6 | 8 | dz | 10 | 9 | 9 | 3 | good | 63 | nlc | 74 | 1013 |



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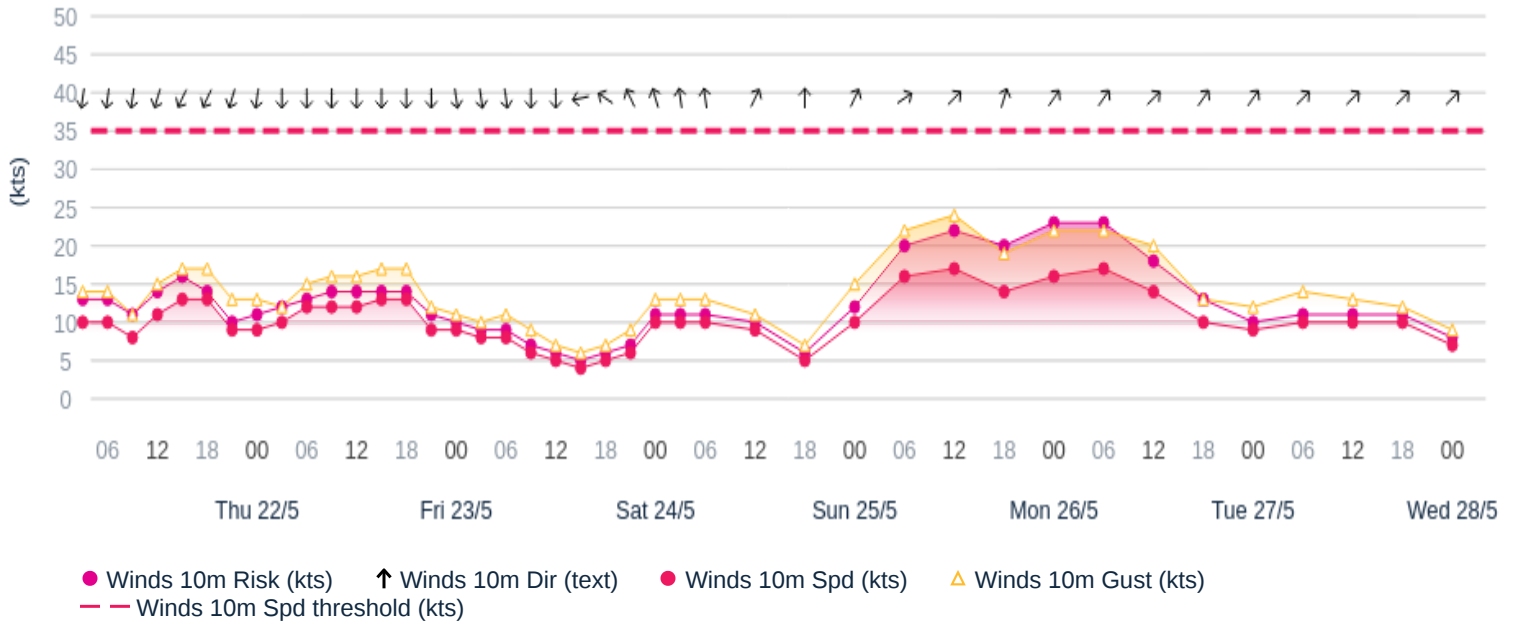
Issued on 21 May 2025, 04:01 UTC

| UTC | Winds | | | | | | | | | | Weather | | | | | | | | | |
|------------------------------|---------------|--------------|---------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|----------------|-------------|-------------|--------------|--------------|-----------------|-----------|--------------|---------------|-------------|
| | 10m | | | | 50m | | | 100m | | | Type (text) | Air | | | | | Cloud | | MSLP (hPa) | |
| | Dir (text) | Spd (kts) | Risk (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | | T10 (°C) | T50 (°C) | T100 (°C) | Td10 (°C) | Vis10 (text) | RH (%) | Base (ft) | | Frac (%) |
| 21 | SSE | 6 | 7 | 9 | 150 | 10 | 12 | 150 | 11 | 13 | dz | 8 | 8 | 8 | 4 | good | 74 | nlc | 78 | 1011 |
| Saturday 24 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | SSE | 10 | 11 | 13 | 160 | 14 | 17 | 160 | 16 | 19 | ra | 9 | 8 | 8 | 6 | good | 81 | nlc | 79 | 1008 |
| 03 | SSE | 10 | 11 | 13 | 170 | 14 | 18 | 170 | 16 | 19 | ra | 9 | 9 | 8 | 8 | good | 89 | 3500 | 79 | 1005 |
| 06 | SSE | 10 | 11 | 13 | 180 | 14 | 18 | 180 | 16 | 19 | ra | 10 | 9 | 9 | 9 | md/gd | 96 | 2000 | 79 | 1002 |
| 12 | SSW | 9 | 10 | 11 | 220 | 12 | 14 | 230 | 13 | 15 | ra | 12 | 13 | 13 | 12 | good | 95 | 1000 | 77 | 1000 |
| 18 | S | 5 | 6 | 7 | 180 | 5 | 7 | 180 | 6 | 8 | shra | 13 | 13 | 13 | 12 | md/gd | 96 | 500 | 74 | 997 |
| Sunday 25 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | SSW | 10 | 12 | 15 | 210 | 19 | 23 | 210 | 22 | 26 | ra | 12 | 12 | 12 | 12 | good | 99 | nlc | 65 | 994 |
| 06 | SW | 16 | 20 | 22 | 240 | 24 | 30 | 240 | 28 | 34 | ra | 11 | 11 | 11 | 9 | good | 89 | 3500 | 67 | 994 |
| 12 | SW | 17 | 22 | 24 | 230 | 21 | 28 | 240 | 24 | 30 | nsw | 12 | 12 | 12 | 6 | good | 64 | nlc | 39 | 997 |
| 18 | SSW | 14 | 20 | 19 | 200 | 18 | 23 | 200 | 20 | 25 | ra | 12 | 12 | 11 | 6 | good | 69 | nlc | 62 | 996 |
| Monday 26 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | SW | 16 | 23 | 22 | 220 | 22 | 27 | 220 | 24 | 30 | nsw | 10 | 9 | 9 | 6 | good | 79 | 2000 | 58 | 996 |
| 06 | SW | 17 | 23 | 22 | 230 | 22 | 28 | 230 | 24 | 30 | nsw | 10 | 9 | 9 | 6 | good | 80 | 1000 | 63 | 997 |
| 12 | SW | 14 | 18 | 20 | 230 | 17 | 24 | 230 | 19 | 25 | shra | 12 | 12 | 11 | 6 | good | 68 | nlc | 63 | 999 |
| 18 | SW | 10 | 13 | 13 | 230 | 13 | 17 | 230 | 15 | 18 | shra | 12 | 11 | 11 | 7 | good | 74 | nlc | 53 | 1001 |
| Tuesday 27 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | SW | 9 | 10 | 12 | 220 | 13 | 17 | 210 | 15 | 19 | ra | 10 | 10 | 10 | 8 | good | 85 | 2000 | 63 | 1001 |
| 06 | SW | 10 | 11 | 14 | 250 | 15 | 19 | 270 | 17 | 21 | ra | 10 | 9 | 9 | 7 | good | 82 | 2000 | 44 | 1002 |
| 12 | SW | 10 | 11 | 13 | 240 | 13 | 17 | 250 | 15 | 18 | ra | 12 | 12 | 12 | 7 | good | 69 | 3500 | 38 | 1004 |
| 18 | SW | 10 | 11 | 12 | 230 | 15 | 18 | 240 | 18 | 21 | ra | 11 | 11 | 11 | 8 | good | 79 | 2000 | 64 | 1006 |
| Wednesday 28 May 2025 | | | | | | | | | | | | | | | | | | | | |
| 00 | SW | 7 | 8 | 9 | 210 | 12 | 14 | 200 | 15 | 17 | dz | 10 | 10 | 10 | 8 | good | 85 | nlc | 43 | 1008 |

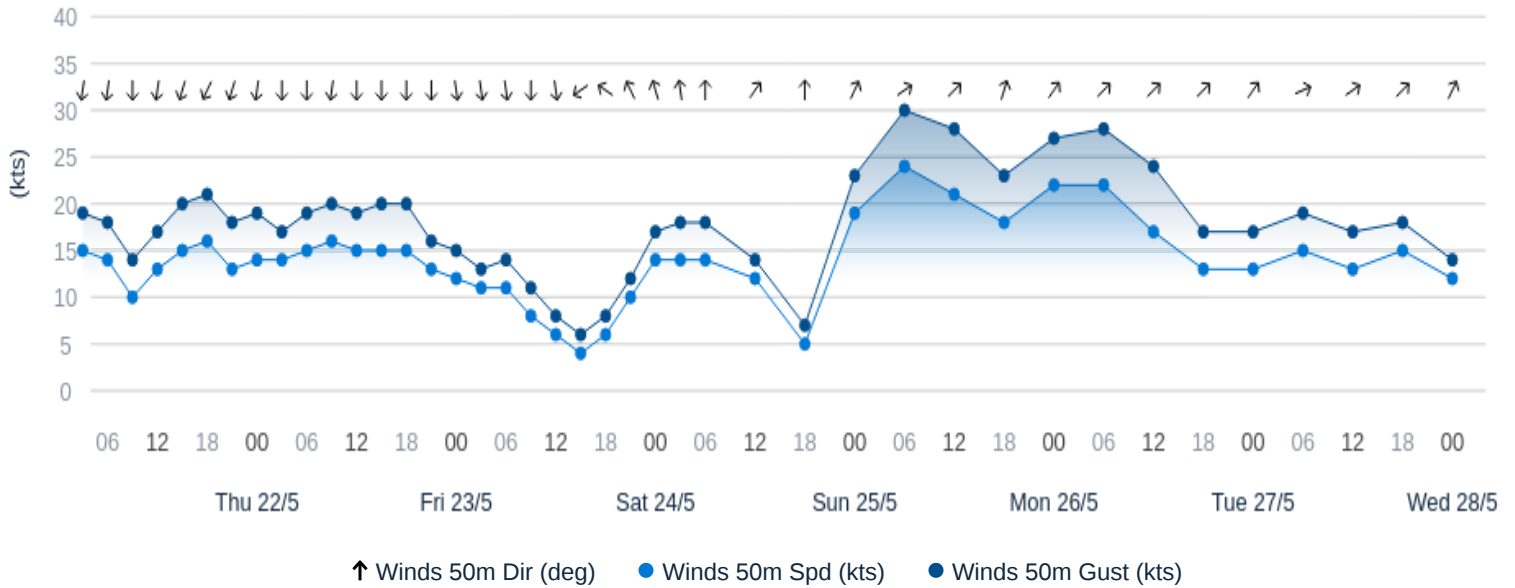
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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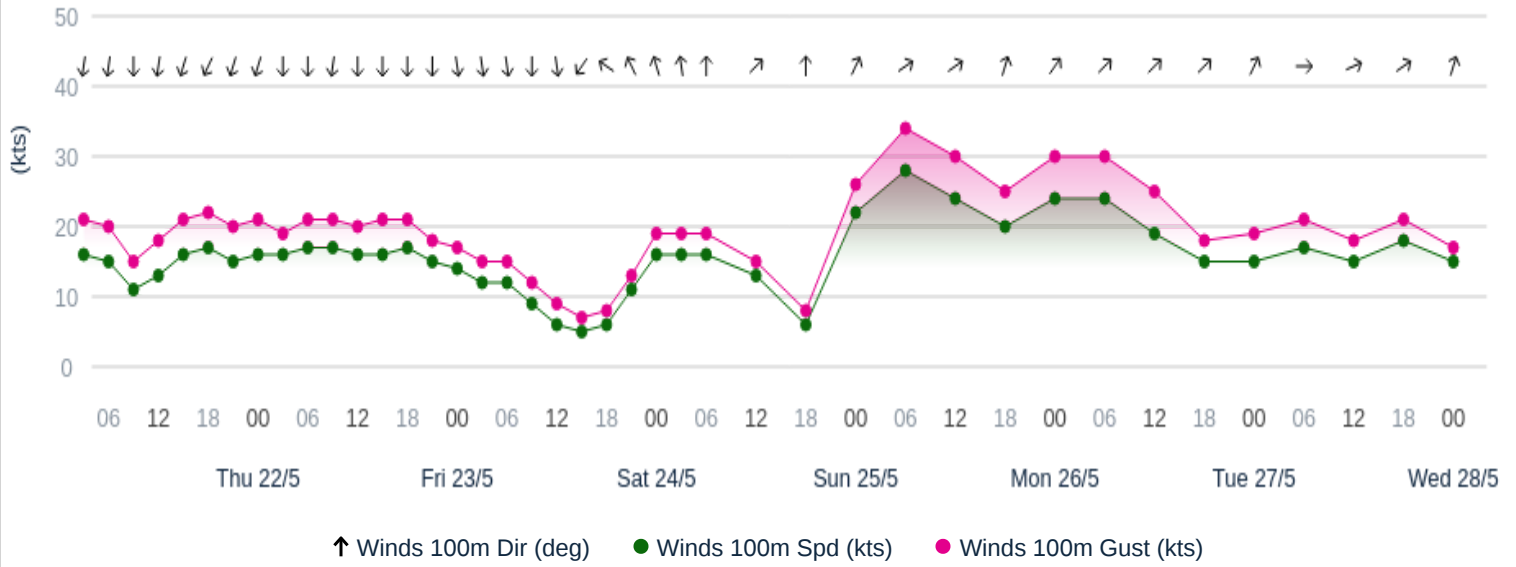
10m Wind Graph - 7 Day Scapa Flow



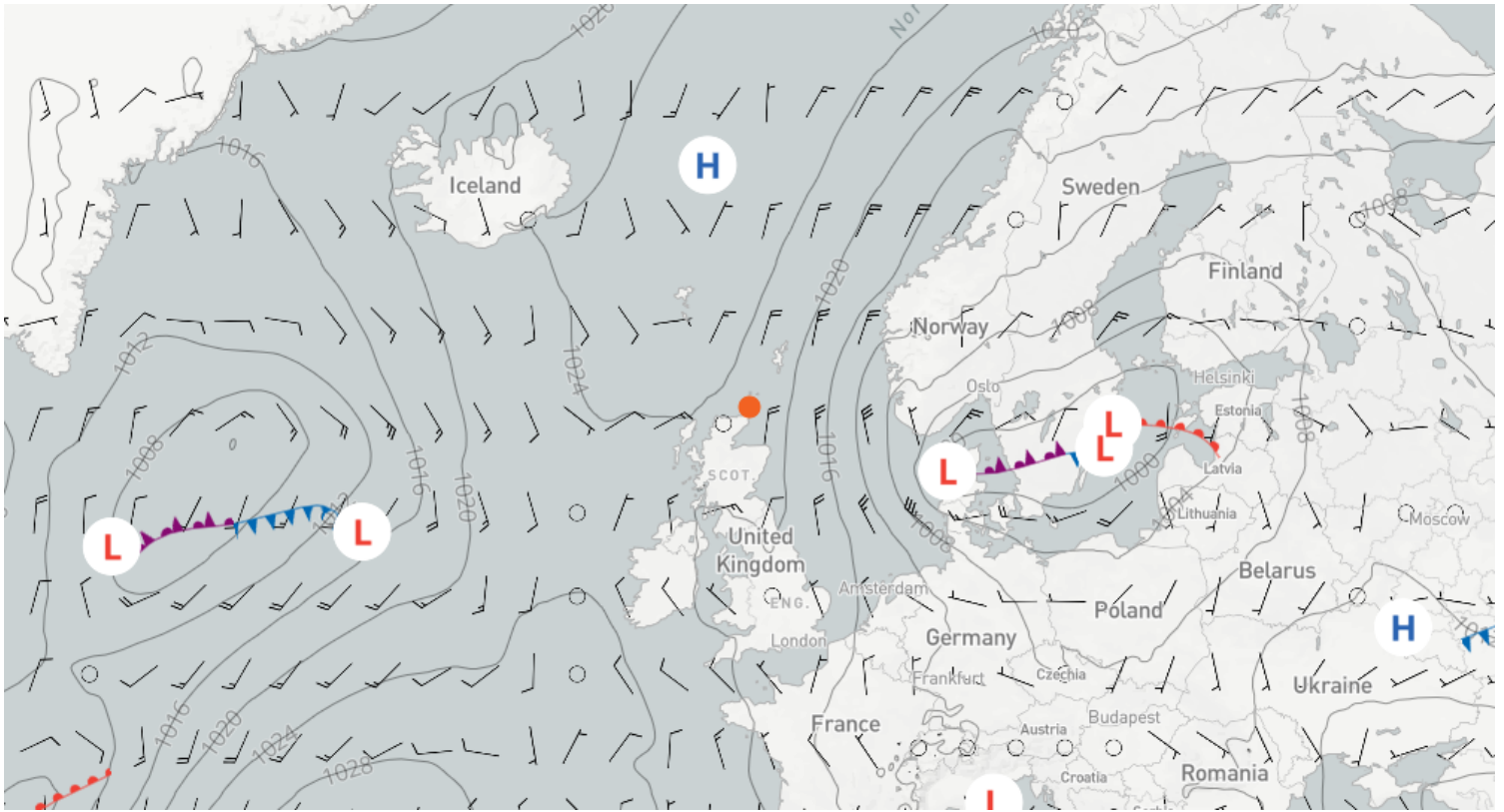
50m Wind Graph - 7 Day Scapa Flow



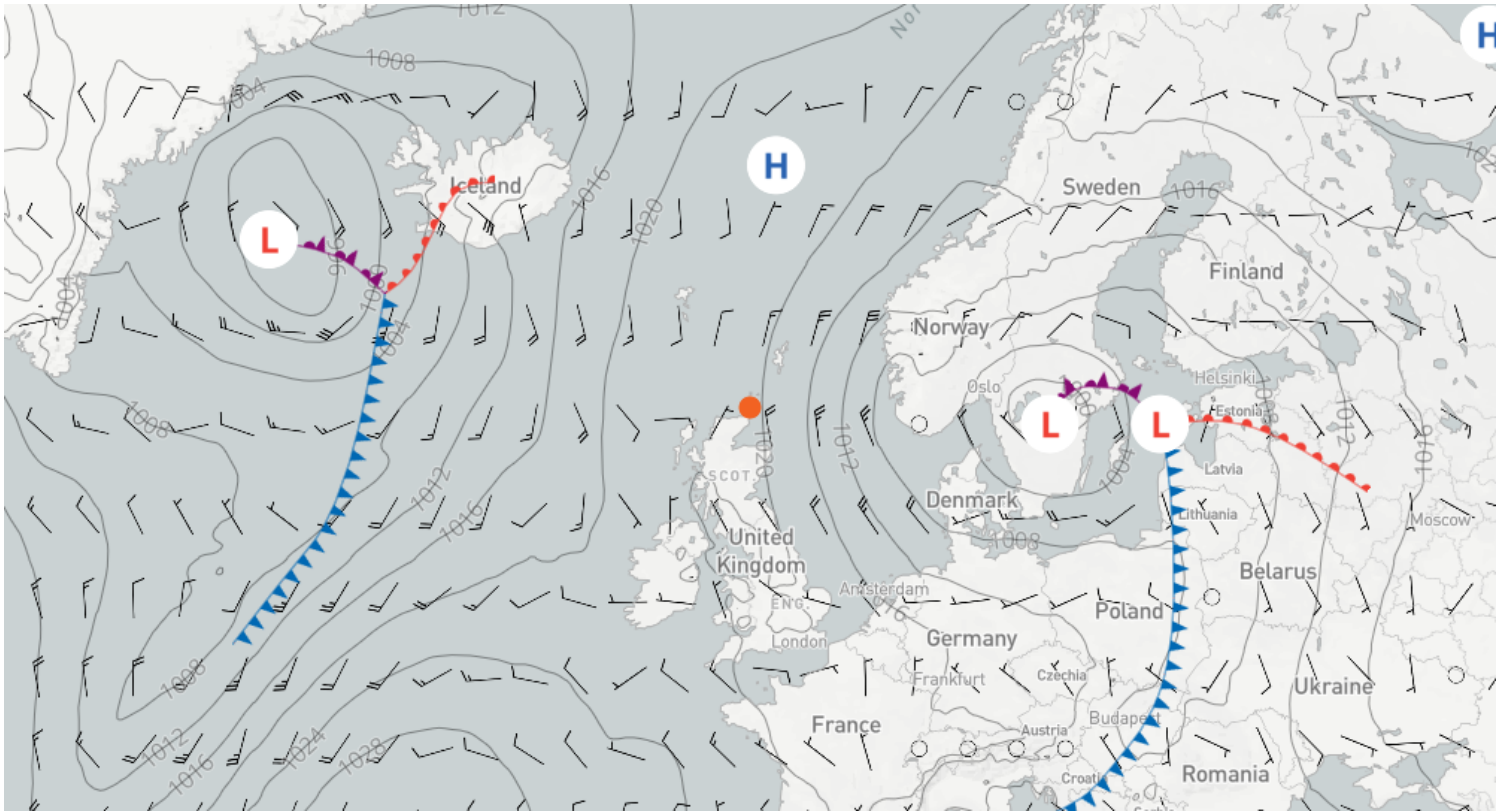
100m Wind Graph - 7 Day Scapa Flow



Issued on 21 May 2025, 00:00 UTC | Forecast for 22 May 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 21 May 2025, 00:00 UTC | Forecast for 23 May 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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