



Single Location Forecast - 7 Day

Scapa Flow (58°53'N 003°02'W)  
Scapa Flow  
Orkney Harbour DTNO\_REF\_19049545

Issued on 01 July 2025, 04:01 UTC

offshore@dtn.com  
+31 (0)30 8082022 (Utrecht office)  
+44 (0)1224 042444 (Aberdeen office)  
www.meteogroupoffshore.com

Meteorological Situation

Low pressure (989hPa) is located over the northern Norwegian Sea, and another weak low is over northern France (1014hPa) and is today expected to move into the English Channel. Meanwhile high pressure over the Azores (1029hPa) has a ridge via Ireland into Scotland. This ridge is expected to be stationary today. Today and overnight the weather will be fine over Scapa Flow. Tomorrow in the course of the morning showers are expected with thunder and lightning in the vicinity. In the night to Thursday it is expected to remain dry but in the morning rain, shower and thunder is expected again due to a crossing front belonging to a low over the Greenland Sea. That is also the moment when winds are expected to increase again from the southwest, mainly fresh, can each into strong. Friday winds are expected to prevail at first but are expected to decrease in the evening as the centre of low pressure is expected to move just north of Scotland into the Norwegian Sea. Over and the first days after the weekend this low is expected to dominate wind and weather over the UK and the North Sea, and thus Scapa Flow too. Local conditions next 72 hrs: Wind: W-ly, backing to SW, moderate. Sea temperature: 12-13C.

Warnings (next 24 Hours)

Gale  
● Nil

Wind Shear  
● Nil

Lightning Risk  
● Low

Confidence  
● Low

Criteria Levels

Winds 10m Spd  
35 kts

| Winds                  |            |           |            |            |           |           |            |           |           |            | Weather |          |          |           |           |              |        |           |          |       |
|------------------------|------------|-----------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|---------|----------|----------|-----------|-----------|--------------|--------|-----------|----------|-------|
| UTC                    | 10m        |           |            |            | 50m       |           |            | 100m      |           |            | Type    | Air      |          |           |           |              |        | Cloud     |          | MSLP  |
|                        | Dir (text) | Spd (kts) | Risk (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | (text)  | T10 (°C) | T50 (°C) | T100 (°C) | Td10 (°C) | Vis10 (text) | RH (%) | Base (ft) | Frac (%) | (hPa) |
| Tuesday 01 July 2025   |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 03                     | WSW        | 13        | 16         | 18         | 260       | 18        | 24         | 260       | 21        | 27         | ra      | 11       | 11       | 11        | 10        | good         | 91     | nlc       | 28       | 1014  |
| 06                     | W          | 12        | 15         | 16         | 270       | 15        | 20         | 270       | 16        | 21         | nsw     | 12       | 11       | 11        | 10        | good         | 88     | nlc       | 27       | 1016  |
| 09                     | W          | 10        | 11         | 14         | 270       | 13        | 18         | 270       | 14        | 19         | nsw     | 13       | 12       | 12        | 9         | good         | 78     | 2000      | 30       | 1017  |
| 12                     | W          | 8         | 9          | 12         | 270       | 10        | 13         | 270       | 11        | 14         | nsw     | 14       | 13       | 12        | 9         | good         | 74     | nlc       | 25       | 1019  |
| 15                     | WSW        | 6         | 7          | 8          | 250       | 6         | 8          | 250       | 6         | 8          | nsw     | 14       | 14       | 13        | 9         | good         | 72     | 3500      | 50       | 1019  |
| 18                     | WSW        | 3         | 4          | 5          | 250       | 4         | 6          | 260       | 5         | 7          | nsw     | 13       | 13       | 13        | 9         | good         | 74     | nlc       | 58       | 1019  |
| 21                     | SSW        | 3         | 3          | 5          | 200       | 5         | 7          | 200       | 6         | 8          | nsw     | 12       | 12       | 12        | 9         | good         | 81     | 3500      | 61       | 1019  |
| Wednesday 02 July 2025 |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                     | SSW        | 3         | 4          | 5          | 220       | 5         | 7          | 220       | 6         | 8          | dz      | 12       | 11       | 11        | 9         | good         | 85     | nlc       | 67       | 1019  |
| 03                     | SSW        | 3         | 4          | 5          | 210       | 4         | 6          | 230       | 5         | 6          | nsw     | 11       | 11       | 11        | 10        | good         | 89     | nlc       | 43       | 1018  |
| 06                     | SW         | 5         | 5          | 7          | 230       | 5         | 7          | 240       | 6         | 8          | nsw     | 12       | 11       | 11        | 10        | good         | 86     | 3500      | 33       | 1018  |
| 09                     | SW         | 6         | 7          | 9          | 240       | 6         | 9          | 240       | 7         | 9          | nsw     | 13       | 13       | 12        | 9         | good         | 78     | 2000      | 48       | 1018  |
| 12                     | SW         | 6         | 7          | 9          | 250       | 7         | 9          | 250       | 7         | 9          | shra    | 14       | 13       | 13        | 9         | good         | 74     | 3500      | 56       | 1018  |
| 15                     | WSW        | 9         | 10         | 12         | 260       | 10        | 13         | 260       | 10        | 13         | shra    | 13       | 13       | 12        | 9         | good         | 74     | 2000      | 58       | 1019  |
| 18                     | WSW        | 8         | 9          | 11         | 260       | 10        | 13         | 270       | 11        | 14         | shra    | 13       | 12       | 12        | 9         | good         | 78     | 3500      | 29       | 1019  |
| 21                     | WSW        | 7         | 9          | 10         | 260       | 11        | 14         | 270       | 12        | 15         | nsw     | 12       | 11       | 11        | 9         | good         | 83     | nlc       | 16       | 1020  |
| Thursday 03 July 2025  |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                     | WSW        | 9         | 10         | 13         | 260       | 14        | 19         | 260       | 16        | 21         | nsw     | 11       | 11       | 11        | 9         | good         | 84     | nlc       | 27       | 1020  |
| 03                     | SW         | 9         | 11         | 13         | 250       | 13        | 18         | 260       | 15        | 20         | nsw     | 11       | 11       | 10        | 9         | good         | 85     | 2000      | 38       | 1021  |
| 06                     | SSW        | 11        | 14         | 15         | 220       | 14        | 19         | 220       | 15        | 20         | dz      | 11       | 11       | 10        | 8         | good         | 82     | 2000      | 56       | 1021  |
| 09                     | SSW        | 14        | 17         | 19         | 200       | 16        | 21         | 200       | 17        | 23         | ra      | 13       | 12       | 12        | 9         | good         | 79     | nlc       | 65       | 1020  |
| 12                     | SSW        | 15        | 18         | 20         | 200       | 20        | 26         | 200       | 21        | 28         | shra    | 14       | 13       | 13        | 10        | good         | 80     | 3500      | 72       | 1020  |



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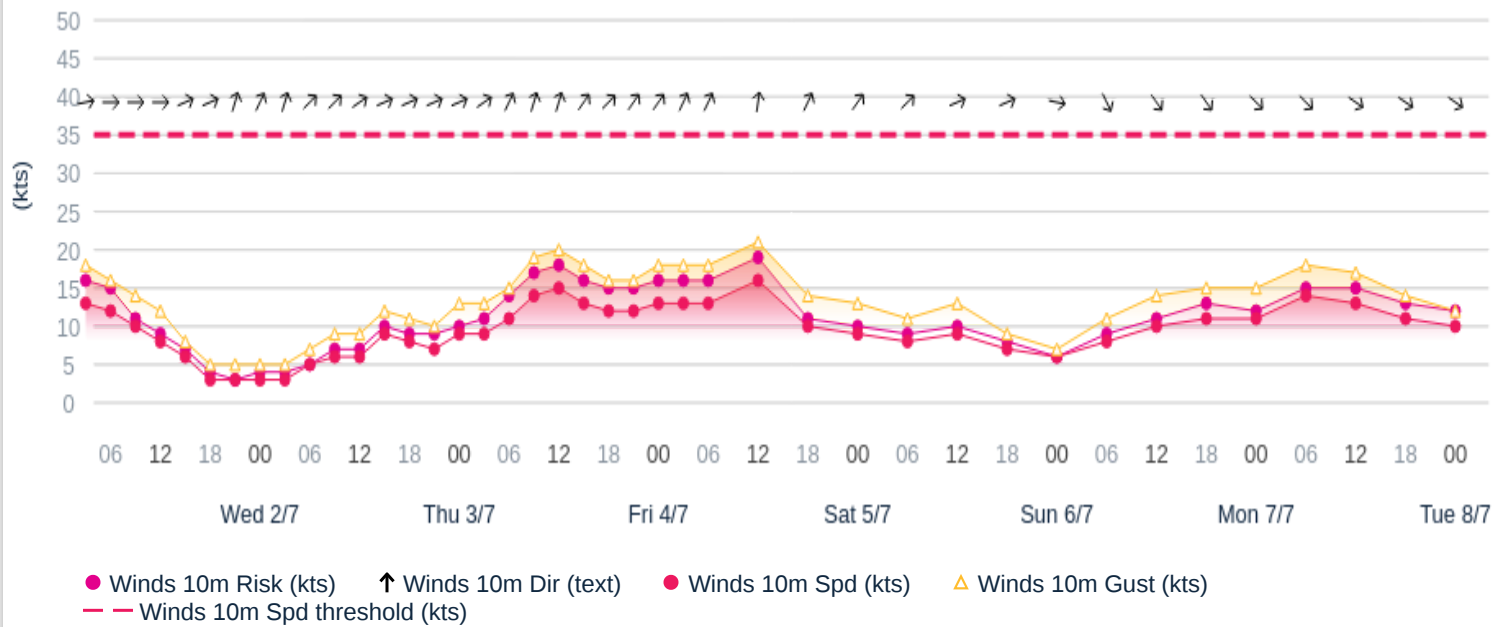
Issued on 01 July 2025, 04:01 UTC

| Winds                 |            |           |            |            |           |           |            |           |           |            | Weather |          |          |           |           |              |        |           |          |       |
|-----------------------|------------|-----------|------------|------------|-----------|-----------|------------|-----------|-----------|------------|---------|----------|----------|-----------|-----------|--------------|--------|-----------|----------|-------|
| UTC                   | 10m        |           |            |            | 50m       |           |            | 100m      |           |            | Type    | Air      |          |           |           |              |        | Cloud     |          | MSLP  |
|                       | Dir (text) | Spd (kts) | Risk (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | Dir (deg) | Spd (kts) | Gust (kts) | (text)  | T10 (°C) | T50 (°C) | T100 (°C) | Td10 (°C) | Vis10 (text) | RH (%) | Base (ft) | Frac (%) | (hPa) |
| 15                    | SW         | 13        | 16         | 18         | 220       | 18        | 23         | 220       | 19        | 25         | ra      | 14       | 14       | 13        | 11        | good         | 79     | 2000      | 68       | 1019  |
| 18                    | SW         | 12        | 15         | 16         | 240       | 17        | 22         | 240       | 18        | 24         | ra      | 13       | 13       | 13        | 11        | good         | 83     | 2000      | 65       | 1019  |
| 21                    | SW         | 12        | 15         | 16         | 230       | 18        | 24         | 240       | 20        | 27         | ra      | 13       | 12       | 12        | 11        | good         | 87     | 1000      | 68       | 1019  |
| Friday 04 July 2025   |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                    | SW         | 13        | 16         | 18         | 220       | 19        | 25         | 230       | 20        | 26         | ra      | 12       | 12       | 12        | 10        | good         | 88     | 2000      | 75       | 1018  |
| 03                    | SSW        | 13        | 16         | 18         | 220       | 18        | 24         | 230       | 20        | 26         | ra      | 12       | 12       | 12        | 11        | good         | 90     | 2000      | 77       | 1017  |
| 06                    | SSW        | 13        | 16         | 18         | 220       | 17        | 22         | 230       | 19        | 25         | ra      | 12       | 12       | 12        | 11        | mod          | 92     | 2000      | 78       | 1015  |
| 12                    | S          | 16        | 19         | 21         | 190       | 21        | 27         | 180       | 23        | 30         | ra      | 13       | 13       | 13        | 11        | mod          | 87     | 3500      | 79       | 1011  |
| 18                    | SSW        | 10        | 11         | 14         | 220       | 14        | 19         | 230       | 16        | 21         | ra      | 14       | 14       | 14        | 12        | md/gd        | 91     | 2000      | 79       | 1007  |
| Saturday 05 July 2025 |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                    | SW         | 9         | 10         | 13         | 240       | 14        | 19         | 250       | 17        | 22         | ra      | 13       | 13       | 13        | 12        | good         | 95     | 1000      | 79       | 1004  |
| 06                    | SW         | 8         | 9          | 11         | 240       | 13        | 15         | 250       | 14        | 17         | ra      | 13       | 13       | 12        | 12        | good         | 93     | 1000      | 78       | 1003  |
| 12                    | WSW        | 9         | 10         | 13         | 260       | 10        | 14         | 270       | 11        | 14         | dz      | 14       | 14       | 13        | 12        | good         | 86     | 1000      | 77       | 1002  |
| 18                    | WSW        | 7         | 8          | 9          | 260       | 9         | 11         | 280       | 10        | 13         | ra      | 13       | 13       | 13        | 11        | good         | 87     | 2000      | 78       | 1001  |
| Sunday 06 July 2025   |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                    | W          | 6         | 6          | 7          | 290       | 10        | 12         | 300       | 12        | 13         | dz      | 12       | 12       | 12        | 11        | good         | 90     | 1000      | 78       | 1001  |
| 06                    | NW         | 8         | 9          | 11         | 330       | 12        | 15         | 330       | 13        | 16         | dz      | 12       | 12       | 12        | 11        | good         | 89     | 500       | 76       | 1001  |
| 12                    | NW         | 10        | 11         | 14         | 330       | 12        | 16         | 340       | 13        | 17         | dz      | 13       | 13       | 13        | 10        | good         | 82     | 1000      | 70       | 1002  |
| 18                    | NW         | 11        | 13         | 15         | 320       | 14        | 18         | 330       | 15        | 19         | dz      | 13       | 12       | 12        | 10        | good         | 83     | 1000      | 70       | 1003  |
| Monday 07 July 2025   |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                    | NW         | 11        | 12         | 15         | 320       | 15        | 19         | 330       | 16        | 20         | dz      | 12       | 11       | 11        | 9         | good         | 85     | 2000      | 64       | 1004  |
| 06                    | NW         | 14        | 15         | 18         | 320       | 19        | 24         | 320       | 21        | 26         | dz      | 12       | 11       | 11        | 9         | good         | 84     | 1000      | 73       | 1005  |
| 12                    | WNW        | 13        | 15         | 17         | 310       | 17        | 21         | 320       | 19        | 23         | dz      | 13       | 12       | 12        | 9         | good         | 79     | 1000      | 75       | 1006  |
| 18                    | WNW        | 11        | 13         | 14         | 310       | 14        | 16         | 330       | 15        | 17         | dz      | 13       | 12       | 12        | 9         | good         | 78     | 1000      | 70       | 1006  |
| Tuesday 08 July 2025  |            |           |            |            |           |           |            |           |           |            |         |          |          |           |           |              |        |           |          |       |
| 00                    | WNW        | 10        | 12         | 12         | 310       | 14        | 16         | 320       | 15        | 17         | ra      | 12       | 11       | 11        | 9         | md/gd        | 84     | 1000      | 72       | 1006  |

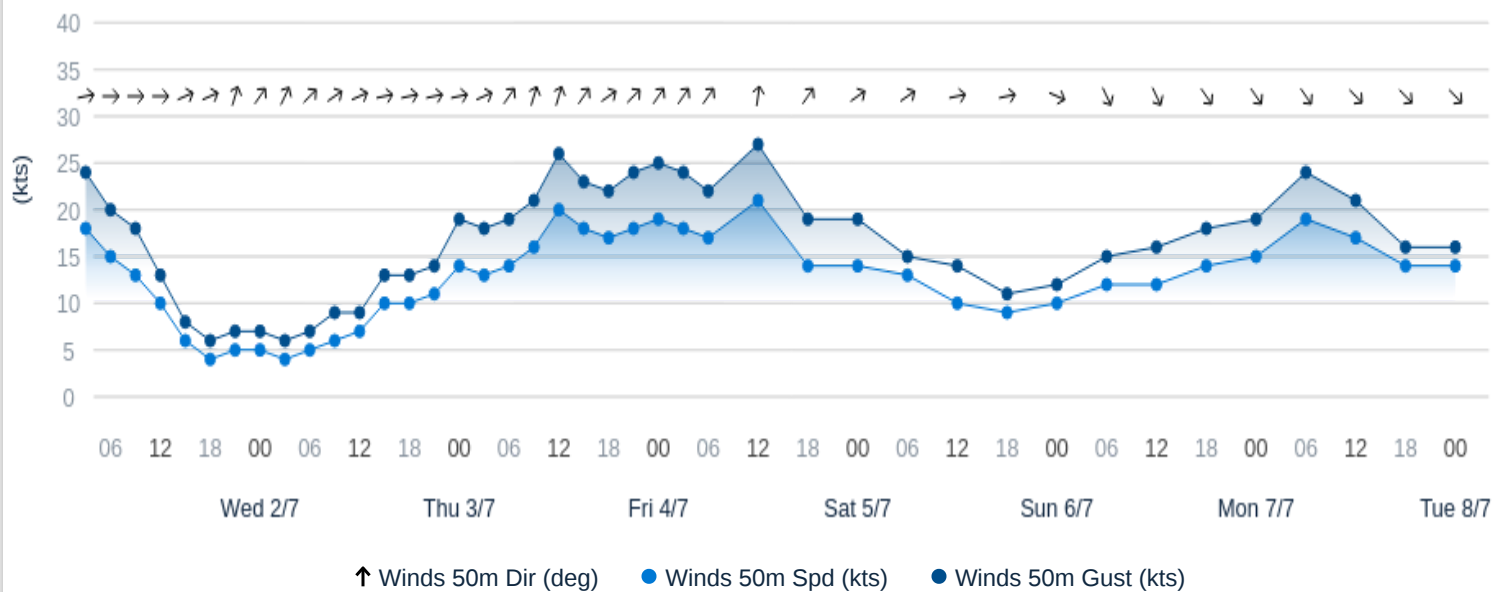
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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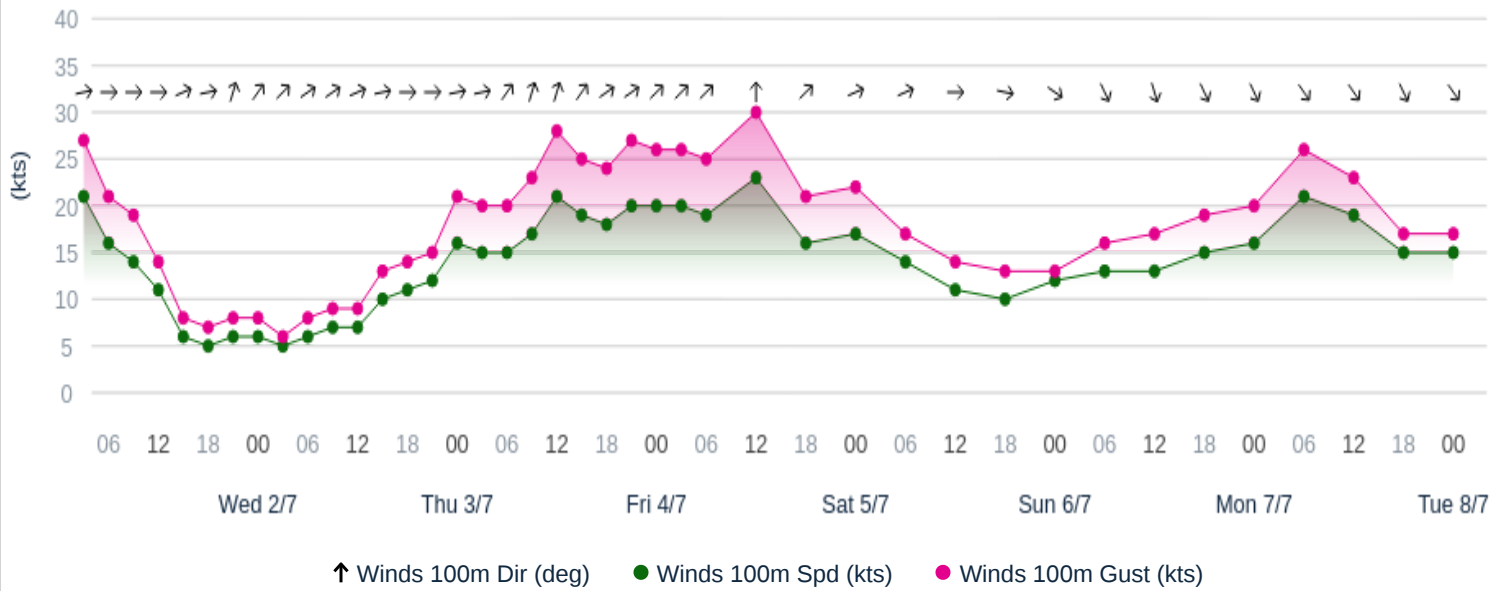
## 10m Wind Graph - 7 Day Scapa Flow



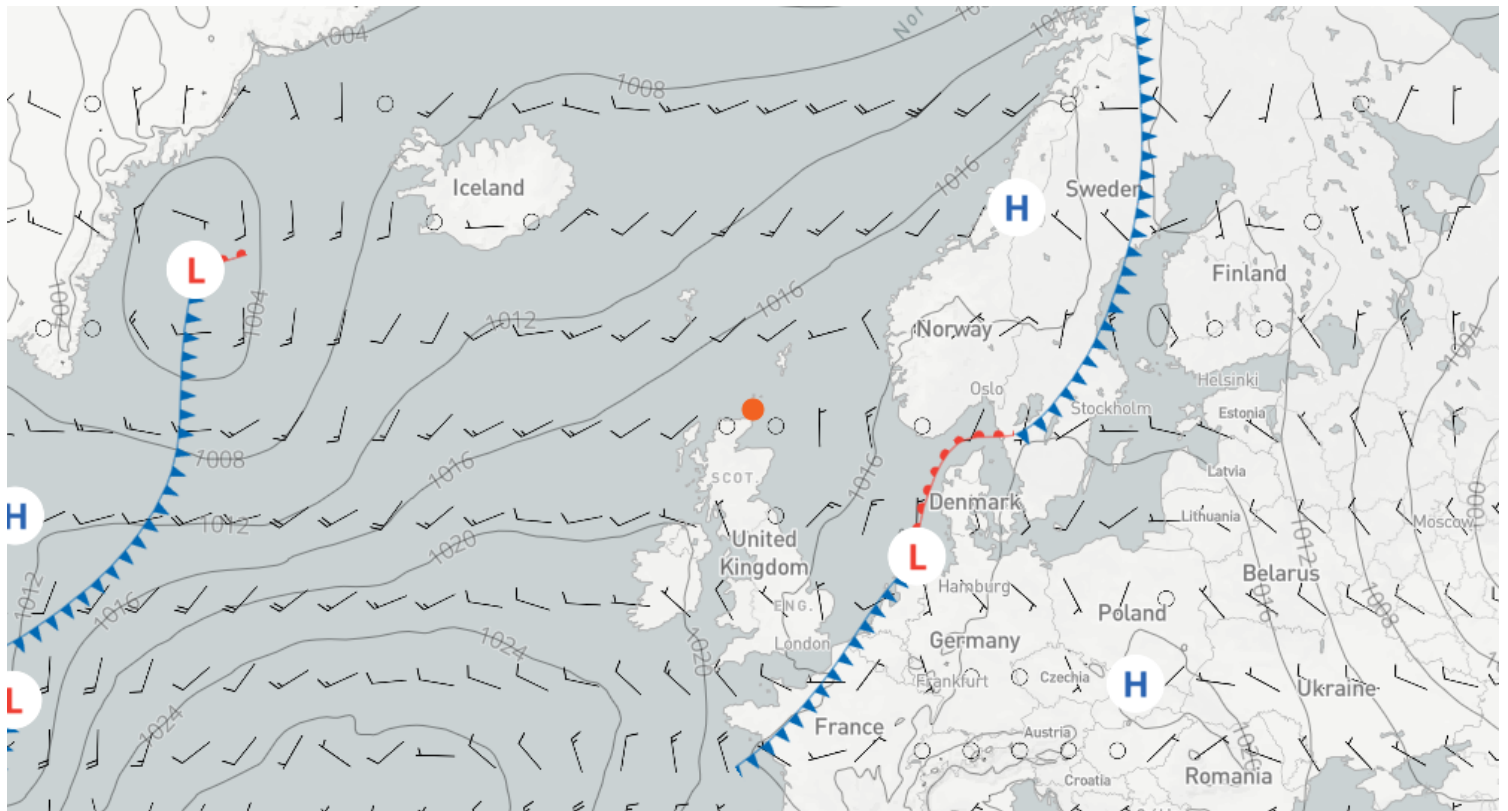
## 50m Wind Graph - 7 Day Scapa Flow



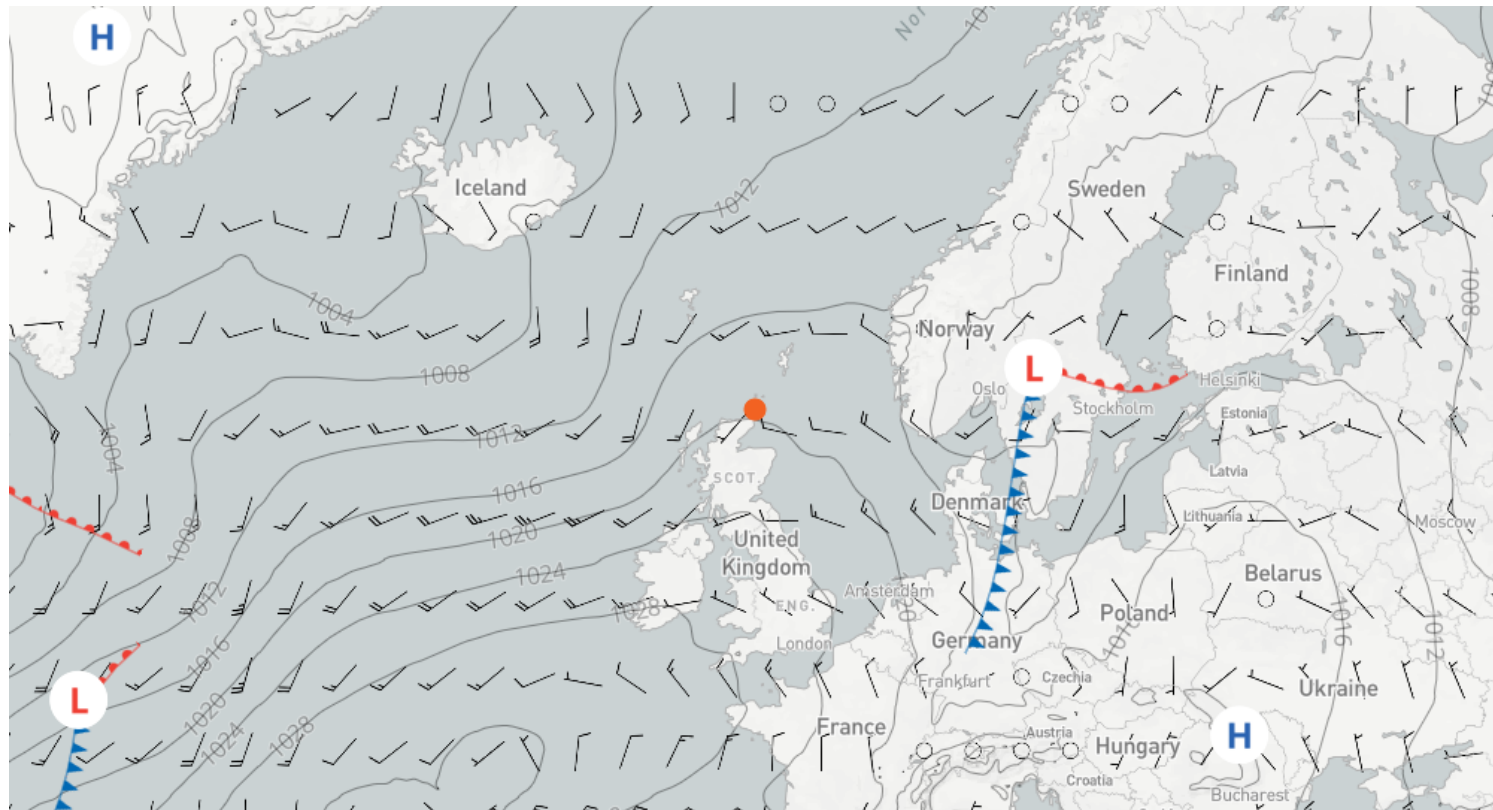
### 100m Wind Graph - 7 Day Scapa Flow



Issued on 01 July 2025, 00:00 UTC | Forecast for 02 July 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 01 July 2025, 00:00 UTC | Forecast for 03 July 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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