



# Single Location Forecast - 7 Day

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

Issued on 02 October 2026, 14:01 UTC

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## Meteorological Situation

Fresh to strong winds are forecast through this afternoon as a small low centre develops to the northwest of Scotland later today. It is then expected to pass close to Shetland, and then into the Norwegian Sea tomorrow. On Sunday, complex low pressure is forecast to stretch from Svalbard to southern Greenland while high pressure is centred to the southwest of England. SW- W'ly flow is forecast across Orkney through most of Sunday into Monday as the low pressure centres move eastwards. Local conditions next 72 hrs: Wind: SSE-ly, veering to SW, fresh breeze (risk of strong breeze). Sea temperature: 13-14C.

### 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<br>(text) | Air         |             |              |              |                 |           | Cloud        |             | MSLP<br>(hPa) |
|                          | Dir<br>(text) | Spd<br>(kts) | Risk<br>(kts) | Gust<br>(kts) | Dir<br>(deg) | Spd<br>(kts) | Gust<br>(kts) | Dir<br>(deg) | Spd<br>(kts) | Gust<br>(kts) |                | T10<br>(°C) | T50<br>(°C) | T100<br>(°C) | Td10<br>(°C) | Vis10<br>(text) | RH<br>(%) | Base<br>(ft) | Frac<br>(%) |               |
| Friday 02 October 2026   |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 12                       | SSE           | 19           | 22            | 25            | 170          | 26           | 33            | 170          | 28           | 36            | nsw            | 14          | 14          | 14           | 11           | good            | 82        | nlc          | 32          | 1017          |
| 15                       | SSE           | 17           | 20            | 22            | 170          | 26           | 33            | 170          | 29           | 37            | ra             | 15          | 14          | 14           | 11           | good            | 81        | nlc          | 74          | 1015          |
| 18                       | SSE           | 18           | 21            | 24            | 160          | 26           | 33            | 170          | 28           | 36            | ra             | 14          | 14          | 13           | 12           | md/gd           | 92        | nlc          | 76          | 1012          |
| 21                       | SW            | 15           | 18            | 20            | 240          | 25           | 32            | 250          | 29           | 37            | ra             | 13          | 13          | 12           | 10           | good            | 85        | nlc          | 55          | 1013          |
| Saturday 03 October 2026 |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                       | W             | 14           | 17            | 19            | 260          | 21           | 27            | 260          | 24           | 31            | dz             | 12          | 12          | 11           | 9            | good            | 85        | 2000         | 37          | 1016          |
| 03                       | WSW           | 11           | 14            | 16            | 260          | 17           | 22            | 260          | 20           | 24            | dz             | 11          | 11          | 11           | 8            | good            | 82        | nlc          | 34          | 1018          |
| 06                       | WSW           | 12           | 14            | 16            | 260          | 18           | 22            | 260          | 20           | 24            | nsw            | 11          | 11          | 10           | 8            | good            | 81        | 2000         | 50          | 1020          |
| 09                       | SW            | 12           | 14            | 17            | 230          | 17           | 22            | 230          | 19           | 24            | dz             | 11          | 11          | 10           | 8            | good            | 78        | nlc          | 54          | 1022          |
| 12                       | SW            | 12           | 16            | 17            | 230          | 18           | 23            | 230          | 20           | 25            | nsw            | 13          | 12          | 12           | 9            | good            | 75        | 3500         | 62          | 1023          |
| 15                       | SW            | 12           | 15            | 17            | 240          | 19           | 24            | 240          | 22           | 27            | dz             | 13          | 13          | 13           | 9            | good            | 77        | 3500         | 71          | 1023          |
| 18                       | SW            | 11           | 14            | 16            | 230          | 18           | 22            | 230          | 20           | 25            | dz             | 13          | 12          | 12           | 9            | good            | 81        | 3500         | 65          | 1023          |
| 21                       | SSW           | 13           | 16            | 19            | 210          | 19           | 24            | 220          | 21           | 27            | nsw            | 12          | 12          | 12           | 9            | good            | 80        | 3500         | 63          | 1022          |
| Sunday 04 October 2026   |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                       | SSW           | 14           | 17            | 21            | 210          | 20           | 26            | 210          | 23           | 29            | dz             | 12          | 12          | 12           | 9            | good            | 79        | 3500         | 72          | 1020          |
| 03                       | SSW           | 16           | 19            | 23            | 200          | 22           | 29            | 210          | 24           | 32            | dz             | 12          | 12          | 12           | 9            | good            | 80        | 3500         | 79          | 1017          |
| 06                       | SSW           | 15           | 20            | 22            | 200          | 22           | 29            | 200          | 25           | 32            | nsw            | 13          | 13          | 12           | 10           | good            | 82        | 2000         | 79          | 1015          |
| 09                       | SW            | 15           | 20            | 22            | 220          | 23           | 29            | 220          | 26           | 32            | ra             | 13          | 13          | 13           | 11           | good            | 86        | 3500         | 79          | 1014          |
| 12                       | SW            | 15           | 21            | 22            | 230          | 21           | 27            | 230          | 24           | 30            | ra             | 14          | 14          | 14           | 11           | md/gd           | 84        | 3500         | 79          | 1013          |
| 15                       | SW            | 15           | 21            | 23            | 240          | 22           | 30            | 240          | 25           | 33            | ra             | 14          | 14          | 14           | 12           | mod             | 85        | 2000         | 79          | 1012          |
| 18                       | SW            | 16           | 22            | 23            | 240          | 25           | 32            | 240          | 29           | 36            | ra             | 14          | 13          | 13           | 12           | md/gd           | 89        | 1000         | 79          | 1011          |
| 21                       | SW            | 16           | 22            | 23            | 240          | 25           | 32            | 250          | 28           | 35            | ra             | 14          | 13          | 13           | 12           | good            | 89        | 1000         | 79          | 1010          |
| Monday 05 October 2026   |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                       | SW            | 16           | 22            | 23            | 240          | 24           | 31            | 240          | 28           | 34            | ra             | 14          | 14          | 13           | 12           | md/gd           | 89        | 2000         | 79          | 1009          |

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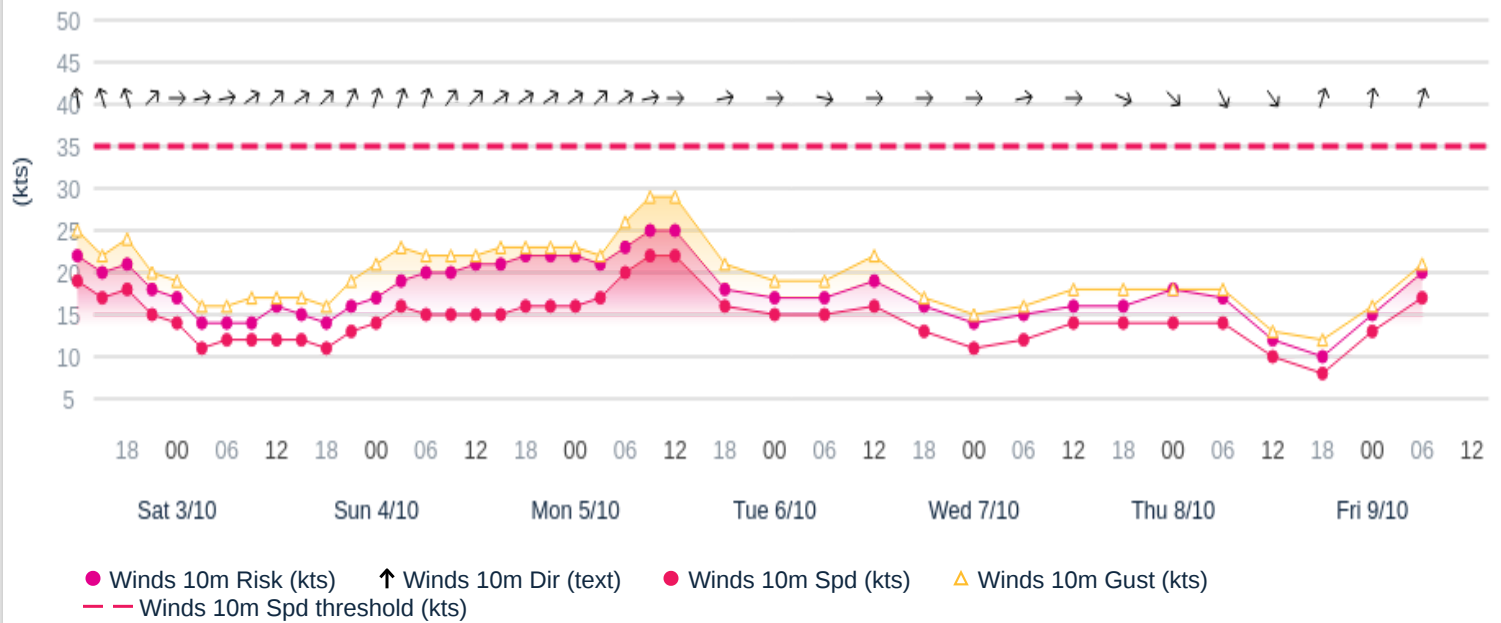
Issued on 02 October 2026, 14:01 UTC

| Winds                     |               |              |               |               |              |              |               |              |              |               | Weather        |             |             |              |              |                 |           |              |             |               |
|---------------------------|---------------|--------------|---------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|----------------|-------------|-------------|--------------|--------------|-----------------|-----------|--------------|-------------|---------------|
| UTC                       | 10m           |              |               |               | 50m          |              |               | 100m         |              |               | Type<br>(text) | Air         |             |              |              |                 |           | Cloud        |             | MSLP<br>(hPa) |
|                           | Dir<br>(text) | Spd<br>(kts) | Risk<br>(kts) | Gust<br>(kts) | Dir<br>(deg) | Spd<br>(kts) | Gust<br>(kts) | Dir<br>(deg) | Spd<br>(kts) | Gust<br>(kts) |                | T10<br>(°C) | T50<br>(°C) | T100<br>(°C) | Td10<br>(°C) | Vis10<br>(text) | RH<br>(%) | Base<br>(ft) | Frac<br>(%) |               |
| 03                        | SW            | 17           | 21            | 22            | 240          | 25           | 32            | 240          | 28           | 36            | ra             | 14          | 14          | 14           | 12           | good            | 90        | 2000         | 79          | 1008          |
| 06                        | SW            | 20           | 23            | 26            | 250          | 28           | 36            | 250          | 32           | 41            | ra             | 14          | 14          | 14           | 12           | md/gd           | 90        | 1000         | 80          | 1008          |
| 09                        | WSW           | 22           | 25            | 29            | 260          | 28           | 36            | 260          | 30           | 38            | ra             | 14          | 13          | 13           | 12           | good            | 89        | 1000         | 66          | 1009          |
| 12                        | W             | 22           | 25            | 29            | 270          | 25           | 32            | 270          | 26           | 34            | nsw            | 13          | 13          | 12           | 10           | good            | 79        | 2000         | 72          | 1011          |
| 18                        | WSW           | 16           | 18            | 21            | 260          | 20           | 26            | 260          | 21           | 28            | dz             | 12          | 12          | 11           | 9            | good            | 80        | 3500         | 69          | 1012          |
| Tuesday 06 October 2026   |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                        | W             | 15           | 17            | 19            | 270          | 21           | 26            | 260          | 24           | 28            | dz             | 12          | 11          | 11           | 8            | good            | 78        | 3500         | 64          | 1011          |
| 06                        | W             | 15           | 17            | 19            | 280          | 21           | 25            | 280          | 24           | 28            | nsw            | 11          | 11          | 10           | 6            | good            | 74        | 3500         | 47          | 1013          |
| 12                        | W             | 16           | 19            | 22            | 280          | 22           | 27            | 280          | 24           | 29            | nsw            | 12          | 11          | 11           | 6            | good            | 70        | 3500         | 35          | 1016          |
| 18                        | W             | 13           | 16            | 17            | 270          | 18           | 21            | 280          | 20           | 23            | nsw            | 11          | 10          | 10           | 6            | good            | 74        | nlc          | 41          | 1018          |
| Wednesday 07 October 2026 |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                        | W             | 11           | 14            | 15            | 270          | 15           | 18            | 270          | 17           | 19            | shra           | 10          | 10          | 9            | 7            | good            | 79        | 3500         | 56          | 1019          |
| 06                        | WSW           | 12           | 15            | 16            | 260          | 16           | 19            | 260          | 17           | 20            | shra           | 10          | 9           | 9            | 6            | good            | 79        | 2000         | 65          | 1018          |
| 12                        | W             | 14           | 16            | 18            | 260          | 16           | 20            | 260          | 17           | 21            | shra           | 11          | 10          | 10           | 6            | good            | 71        | 2000         | 70          | 1018          |
| 18                        | WNW           | 14           | 16            | 18            | 280          | 19           | 23            | 280          | 21           | 25            | shra           | 10          | 9           | 9            | 6            | good            | 76        | 3500         | 63          | 1016          |
| Thursday 08 October 2026  |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                        | NW            | 14           | 18            | 18            | 310          | 20           | 25            | 300          | 23           | 27            | shra           | 9           | 9           | 9            | 5            | good            | 76        | 3500         | 36          | 1016          |
| 06                        | NW            | 14           | 17            | 18            | 330          | 20           | 24            | 330          | 23           | 27            | shra           | 10          | 9           | 9            | 5            | good            | 75        | nlc          | 28          | 1019          |
| 12                        | NW            | 10           | 12            | 13            | 330          | 15           | 18            | 350          | 17           | 20            | nsw            | 11          | 10          | 10           | 5            | good            | 66        | 2000         | 50          | 1023          |
| 18                        | SSW           | 8            | 10            | 12            | 250          | 9            | 12            | 310          | 9            | 12            | dz             | 10          | 10          | 9            | 5            | good            | 68        | 3500         | 61          | 1024          |
| Friday 09 October 2026    |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                        | S             | 13           | 15            | 16            | 200          | 12           | 16            | 210          | 12           | 16            | dz             | 10          | 10          | 10           | 6            | good            | 72        | nlc          | 75          | 1023          |
| 06                        | SSW           | 17           | 20            | 21            | 190          | 22           | 26            | 180          | 24           | 27            | ra             | 11          | 10          | 10           | 7            | good            | 74        | 3500         | 79          | 1017          |

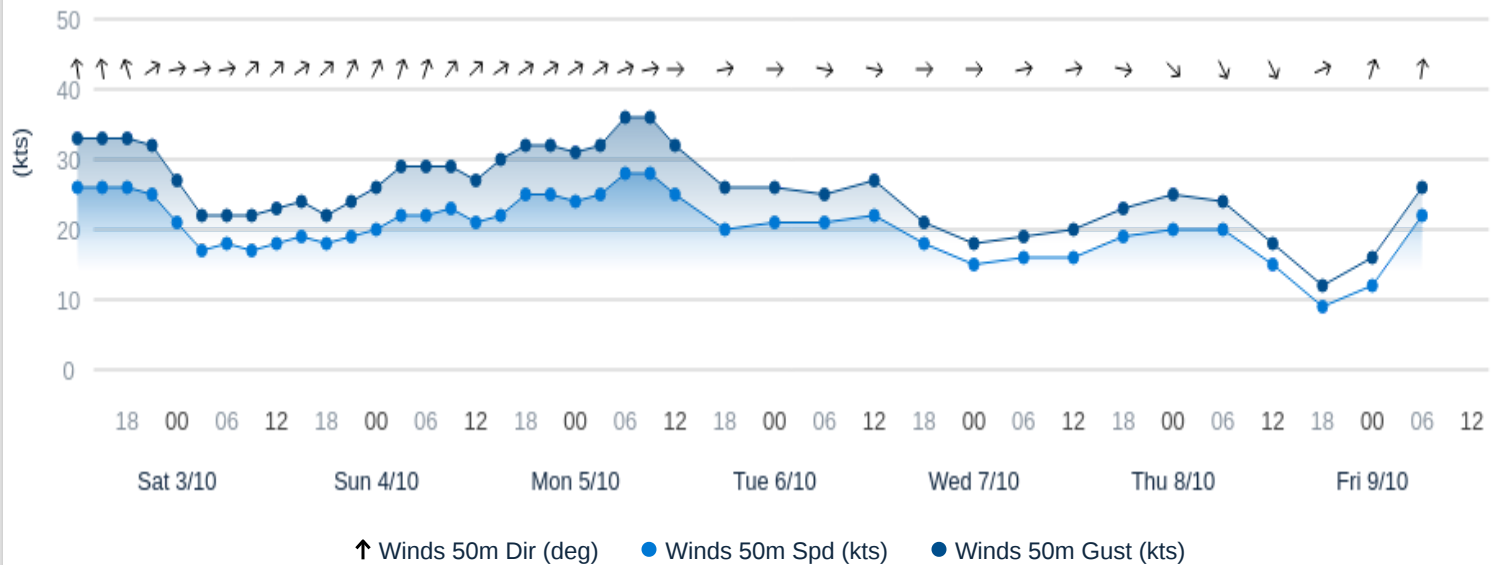
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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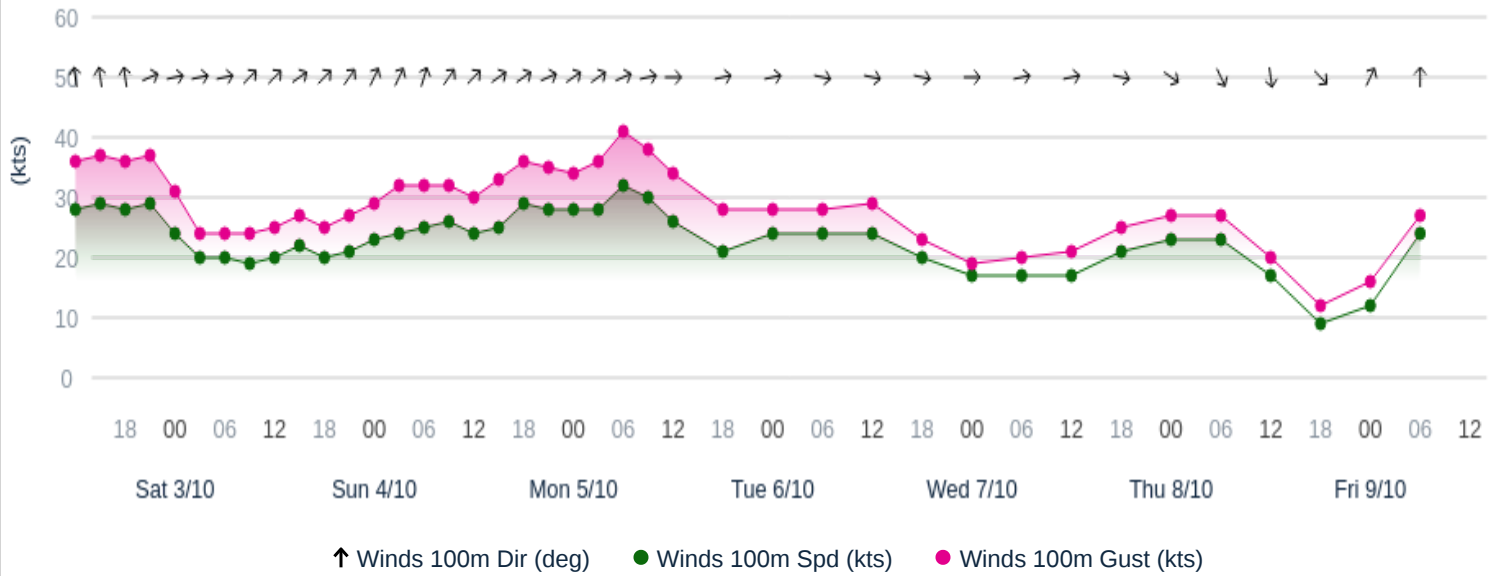
## 10m Wind Graph - 7 Day Scapa Flow



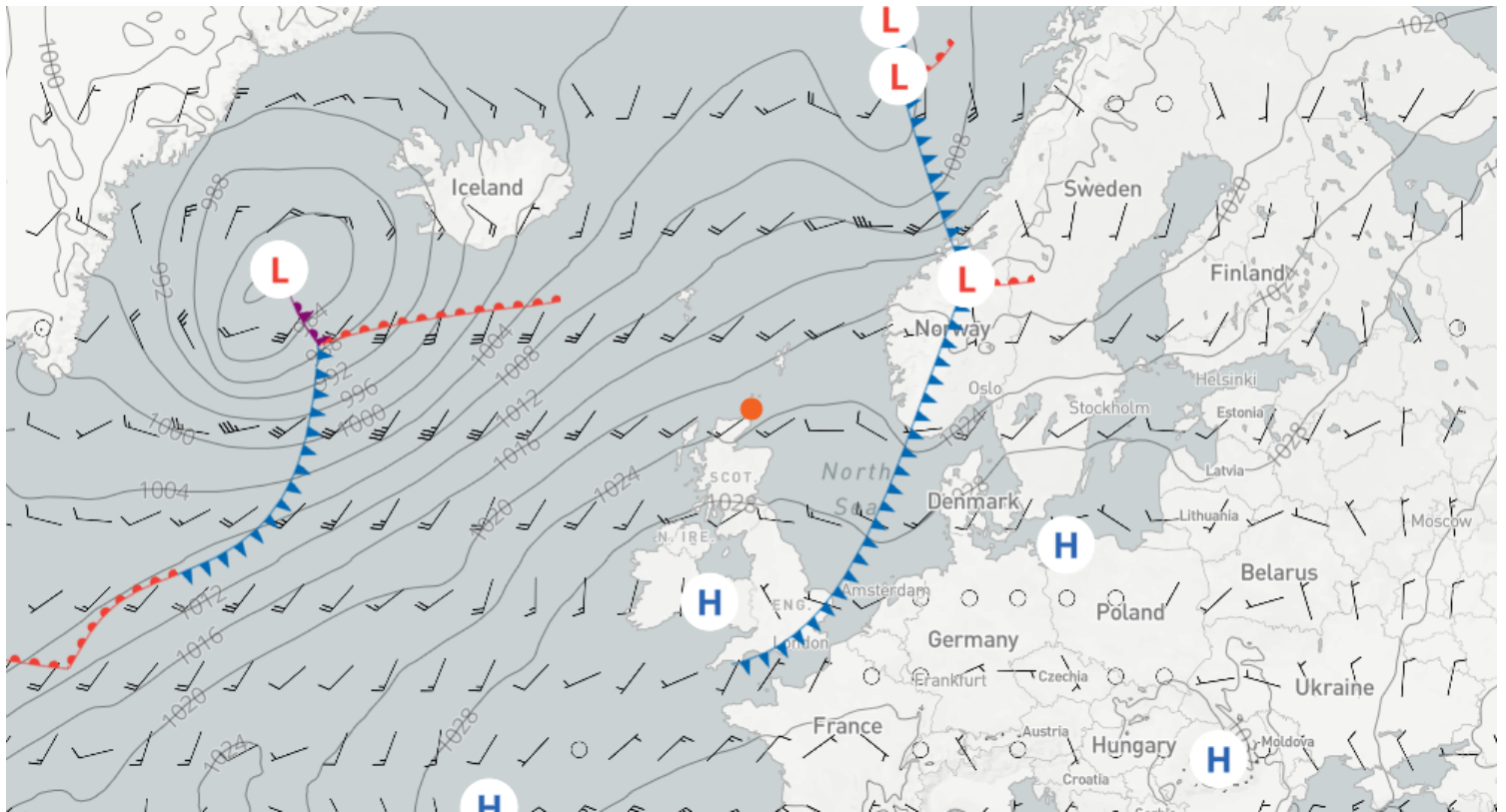
## 50m Wind Graph - 7 Day Scapa Flow



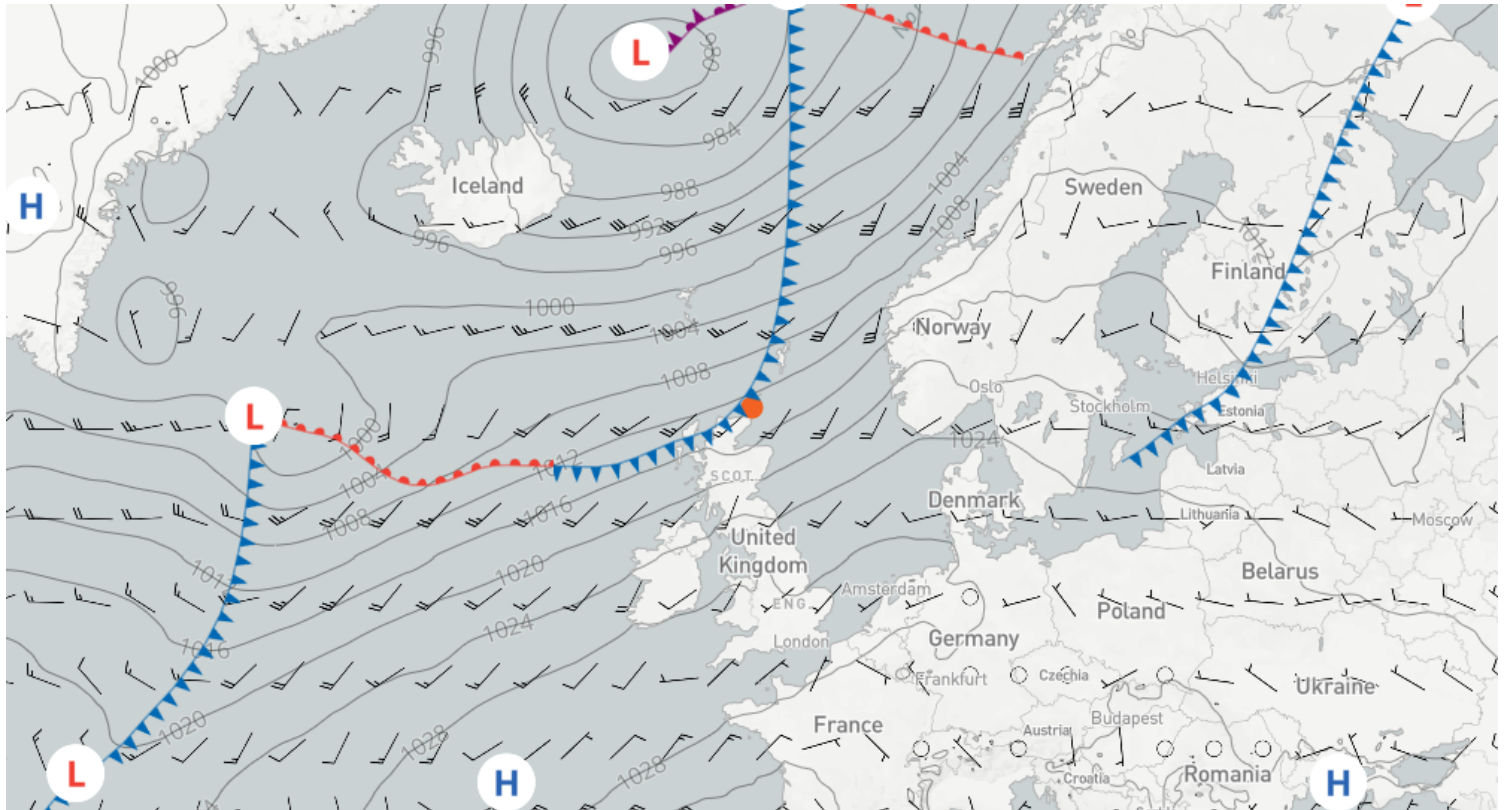
### 100m Wind Graph - 7 Day Scapa Flow



Issued on 02 October 2026, 12:00 UTC | Forecast for 03 October 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 02 October 2026, 12:00 UTC | Forecast for 04 October 2026, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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