



# 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 15 September 2026, 14:01 UTC

## Meteorological Situation

An active low-pressure system (997 hPa) is currently positioned over the northern North Sea, while strong high pressure (1035 hPa) is centred over the northern Atlantic. Until midnight, the aforementioned low will remain near the northern North Sea. Thereafter, it will shift north-northeast and move away from the region. In its wake, a ridge associated with the Atlantic high will move across the UK and the North Sea during Wednesday. Local conditions next 72 hrs: Wind: variable direction, moderate, increasing to fresh breeze on 17 September 00 UTC. 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>(%) |               |
| Tuesday 15 September 2026   |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 12                          | NW            | 12           | 16            | 18            | 320          | 17           | 22            | 320          | 19           | 24            | ra             | 13          | 13          | 12           | 11           | good            | 89        | 1000         | 79          | 1004          |
| 15                          | NW            | 15           | 18            | 22            | 310          | 20           | 27            | 310          | 23           | 29            | ra             | 13          | 13          | 13           | 10           | good            | 83        | 2000         | 78          | 1006          |
| 18                          | NW            | 14           | 17            | 20            | 310          | 20           | 26            | 320          | 23           | 29            | ra             | 12          | 12          | 12           | 11           | good            | 89        | 1000         | 69          | 1008          |
| 21                          | NW            | 15           | 18            | 21            | 310          | 21           | 27            | 310          | 24           | 29            | nsw            | 12          | 11          | 11           | 9            | good            | 84        | 2000         | 76          | 1010          |
| Wednesday 16 September 2026 |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                          | NW            | 15           | 19            | 21            | 320          | 21           | 27            | 320          | 24           | 30            | dz             | 11          | 11          | 11           | 9            | good            | 87        | 2000         | 69          | 1011          |
| 03                          | NW            | 14           | 19            | 19            | 320          | 20           | 25            | 320          | 23           | 28            | nsw            | 11          | 11          | 10           | 8            | good            | 83        | 3500         | 58          | 1013          |
| 06                          | NW            | 11           | 15            | 16            | 320          | 17           | 22            | 320          | 20           | 24            | nsw            | 11          | 10          | 10           | 7            | good            | 80        | 3500         | 56          | 1014          |
| 09                          | NW            | 9            | 12            | 14            | 310          | 13           | 17            | 310          | 15           | 19            | nsw            | 11          | 10          | 10           | 6            | good            | 75        | 3500         | 68          | 1014          |
| 12                          | WNW           | 8            | 10            | 12            | 290          | 11           | 15            | 290          | 12           | 16            | nsw            | 11          | 11          | 10           | 5            | good            | 65        | 3500         | 55          | 1013          |
| 15                          | SW            | 6            | 8             | 9             | 250          | 7            | 10            | 250          | 8            | 11            | nsw            | 12          | 12          | 11           | 5            | good            | 64        | 3500         | 75          | 1010          |
| 18                          | SSE           | 9            | 11            | 13            | 170          | 11           | 14            | 170          | 12           | 15            | dz             | 12          | 12          | 11           | 7            | good            | 74        | 3500         | 79          | 1006          |
| 21                          | SSE           | 16           | 19            | 22            | 170          | 22           | 28            | 170          | 25           | 31            | ra             | 12          | 12          | 11           | 10           | good            | 89        | nlc          | 79          | 1002          |
| Thursday 17 September 2026  |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                          | S             | 18           | 21            | 25            | 180          | 24           | 31            | 180          | 27           | 34            | ra             | 12          | 12          | 12           | 11           | md/gd           | 89        | 3500         | 78          | 997           |
| 03                          | SW            | 13           | 16            | 19            | 240          | 19           | 24            | 240          | 21           | 26            | ra             | 12          | 12          | 12           | 10           | good            | 85        | nlc          | 22          | 996           |
| 06                          | SW            | 13           | 16            | 18            | 230          | 18           | 23            | 230          | 20           | 26            | nsw            | 12          | 11          | 11           | 9            | good            | 83        | 3500         | 52          | 995           |
| 09                          | SSW           | 15           | 18            | 22            | 210          | 20           | 27            | 210          | 22           | 28            | nsw            | 12          | 12          | 11           | 9            | good            | 81        | 3500         | 66          | 994           |
| 12                          | SSW           | 17           | 20            | 25            | 210          | 22           | 30            | 210          | 24           | 31            | ra             | 13          | 13          | 12           | 9            | good            | 77        | nlc          | 73          | 992           |
| 15                          | SW            | 19           | 21            | 26            | 230          | 24           | 31            | 230          | 27           | 33            | shra           | 13          | 13          | 12           | 9            | good            | 78        | 2000         | 72          | 991           |
| 18                          | WSW           | 19           | 21            | 26            | 250          | 26           | 33            | 250          | 29           | 37            | shra           | 12          | 12          | 11           | 9            | good            | 83        | 2000         | 62          | 991           |
| 21                          | WSW           | 20           | 22            | 27            | 250          | 26           | 34            | 260          | 29           | 36            | ra             | 12          | 11          | 11           | 10           | md/gd           | 87        | 1000         | 78          | 992           |
| Friday 18 September 2026    |               |              |               |               |              |              |               |              |              |               |                |             |             |              |              |                 |           |              |             |               |
| 00                          | WSW           | 21           | 24            | 28            | 260          | 28           | 36            | 270          | 31           | 39            | shra           | 11          | 11          | 11           | 9            | md/gd           | 87        | 1000         | 76          | 993           |

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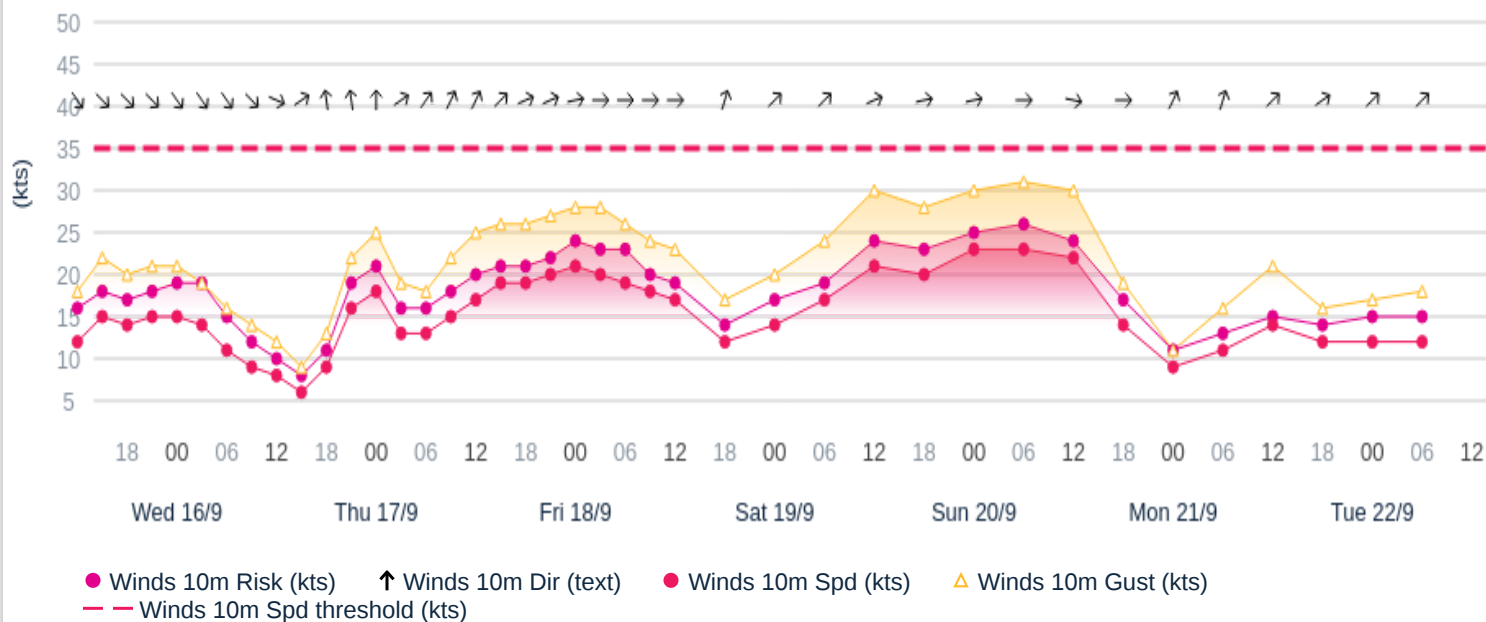
| Winds                      |               |              |               |               |              |              |               |              |              |               | Weather            |             |             |              |              |                 |           |              |             |                   |
|----------------------------|---------------|--------------|---------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------------|-------------|-------------|--------------|--------------|-----------------|-----------|--------------|-------------|-------------------|
| UTC                        | 10m           |              |               |               | 50m          |              |               | 100m         |              |               | Type<br><br>(text) | Air         |             |              |              |                 |           | Cloud        |             | MSLP<br><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                         | W             | 20           | 23            | 28            | 270          | 27           | 35            | 270          | 31           | 38            | shra               | 12          | 11          | 11           | 9            | good            | 83        | 1000         | 64          | 994               |
| 06                         | W             | 19           | 23            | 26            | 270          | 26           | 33            | 280          | 29           | 36            | shra               | 12          | 11          | 11           | 9            | good            | 82        | 2000         | 55          | 995               |
| 09                         | W             | 18           | 20            | 24            | 270          | 24           | 30            | 280          | 26           | 32            | shra               | 12          | 12          | 11           | 9            | good            | 80        | 3500         | 62          | 996               |
| 12                         | W             | 17           | 19            | 23            | 270          | 23           | 28            | 270          | 25           | 31            | ra                 | 13          | 13          | 12           | 9            | good            | 77        | 3500         | 75          | 998               |
| 18                         | SSW           | 12           | 14            | 17            | 220          | 14           | 20            | 250          | 16           | 21            | ra                 | 13          | 13          | 12           | 10           | md/gd           | 85        | nlc          | 78          | 997               |
| Saturday 19 September 2026 |               |              |               |               |              |              |               |              |              |               |                    |             |             |              |              |                 |           |              |             |                   |
| 00                         | SW            | 14           | 17            | 20            | 230          | 17           | 23            | 220          | 18           | 25            | ra                 | 13          | 12          | 12           | 11           | good            | 88        | 2000         | 67          | 995               |
| 06                         | SW            | 17           | 19            | 24            | 240          | 22           | 28            | 250          | 24           | 31            | shra               | 12          | 12          | 12           | 10           | good            | 85        | 2000         | 67          | 997               |
| 12                         | WSW           | 21           | 24            | 30            | 250          | 25           | 34            | 250          | 27           | 35            | shra               | 14          | 13          | 13           | 9            | good            | 76        | 2000         | 35          | 1000              |
| 18                         | WSW           | 20           | 23            | 28            | 260          | 26           | 33            | 260          | 28           | 35            | shra               | 12          | 12          | 11           | 9            | good            | 80        | 2000         | 53          | 1004              |
| Sunday 20 September 2026   |               |              |               |               |              |              |               |              |              |               |                    |             |             |              |              |                 |           |              |             |                   |
| 00                         | WSW           | 23           | 25            | 30            | 260          | 30           | 37            | 260          | 33           | 41            | shra               | 11          | 11          | 10           | 8            | md/gd           | 82        | 2000         | 54          | 1007              |
| 06                         | W             | 23           | 26            | 31            | 270          | 28           | 36            | 270          | 30           | 38            | ra                 | 12          | 11          | 11           | 9            | good            | 81        | 2000         | 34          | 1011              |
| 12                         | W             | 22           | 24            | 30            | 280          | 24           | 32            | 280          | 25           | 33            | dz                 | 13          | 13          | 12           | 9            | good            | 75        | 2000         | 37          | 1016              |
| 18                         | W             | 14           | 17            | 19            | 270          | 18           | 22            | 270          | 19           | 24            | dz                 | 12          | 12          | 12           | 9            | good            | 79        | 3500         | 57          | 1019              |
| Monday 21 September 2026   |               |              |               |               |              |              |               |              |              |               |                    |             |             |              |              |                 |           |              |             |                   |
| 00                         | SSW           | 9            | 11            | 11            | 210          | 14           | 16            | 200          | 16           | 18            | ra                 | 12          | 12          | 11           | 9            | good            | 84        | 2000         | 68          | 1019              |
| 06                         | SSW           | 11           | 13            | 16            | 210          | 16           | 21            | 220          | 18           | 24            | ra                 | 13          | 12          | 12           | 10           | good            | 87        | 3500         | 76          | 1018              |
| 12                         | SW            | 14           | 15            | 21            | 240          | 20           | 28            | 250          | 23           | 30            | ra                 | 15          | 15          | 15           | 12           | good            | 85        | 1000         | 76          | 1018              |
| 18                         | SW            | 12           | 14            | 16            | 240          | 18           | 22            | 250          | 20           | 25            | nsw                | 14          | 15          | 15           | 13           | good            | 90        | 500          | 70          | 1018              |
| Tuesday 22 September 2026  |               |              |               |               |              |              |               |              |              |               |                    |             |             |              |              |                 |           |              |             |                   |
| 00                         | SW            | 12           | 15            | 17            | 230          | 20           | 26            | 240          | 24           | 29            | nsw                | 14          | 14          | 15           | 13           | good            | 93        | 1000         | 58          | 1019              |
| 06                         | SW            | 12           | 15            | 18            | 240          | 19           | 24            | 250          | 22           | 27            | ra                 | 13          | 13          | 13           | 12           | good            | 94        | 1000         | 75          | 1019              |

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

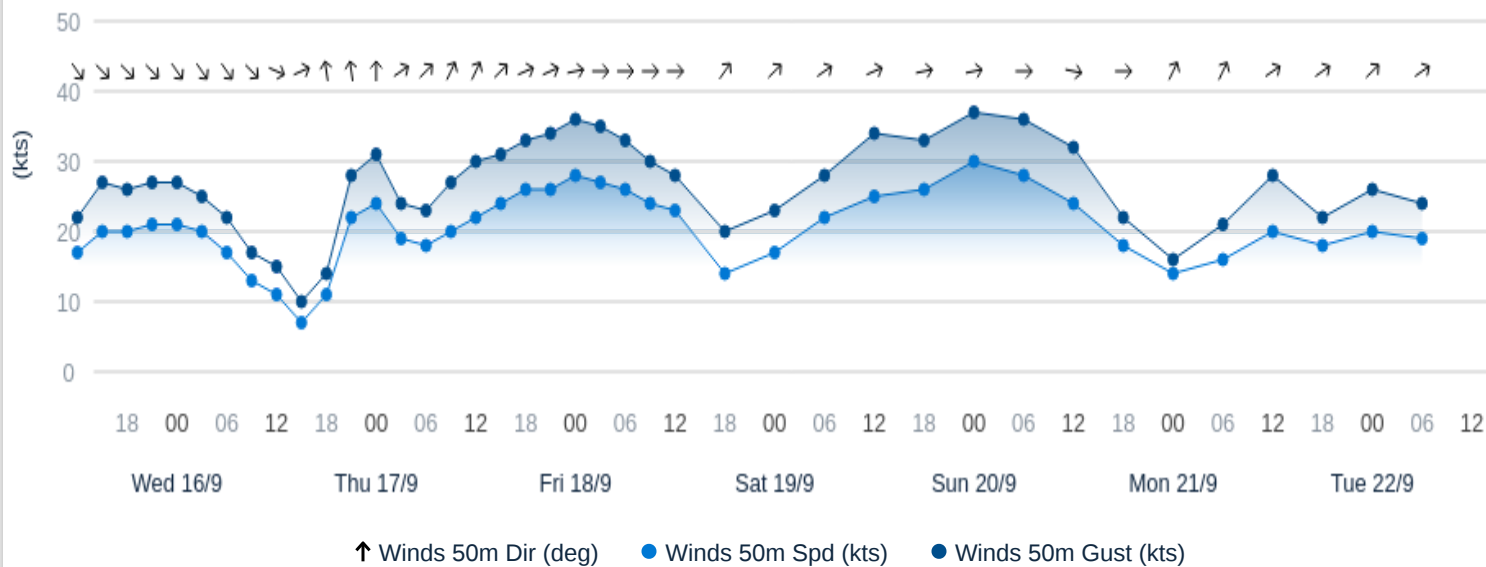
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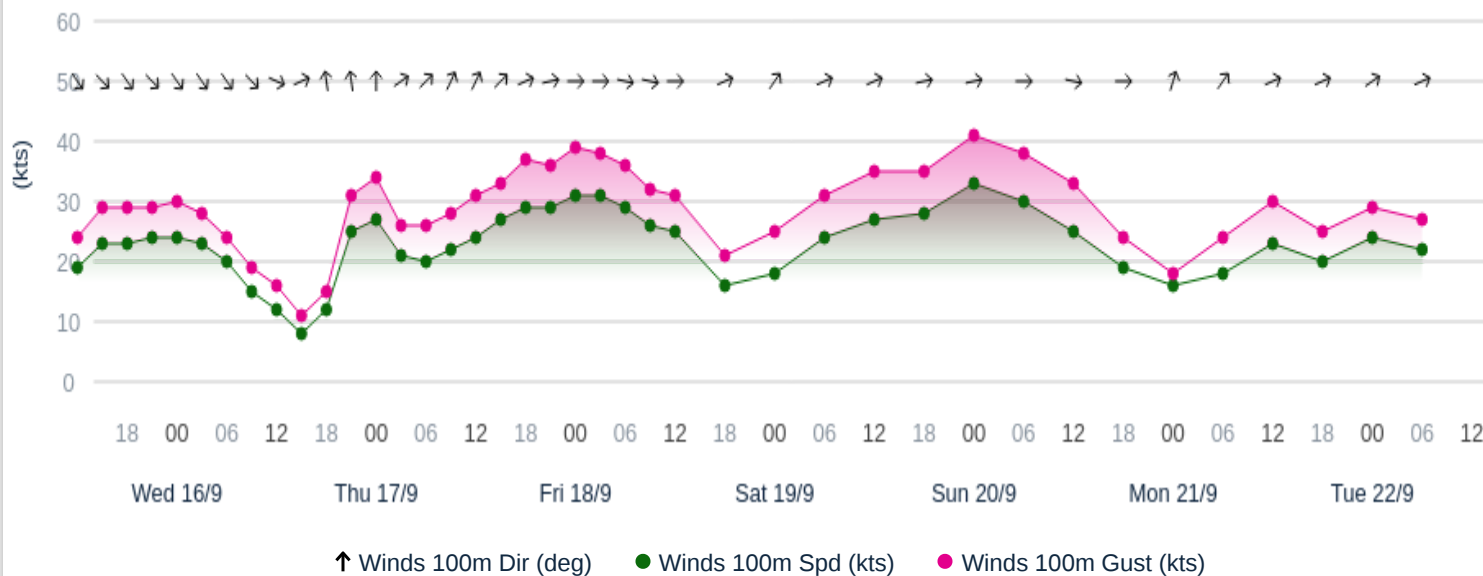
## 10m Wind Graph - 7 Day Scapa Flow



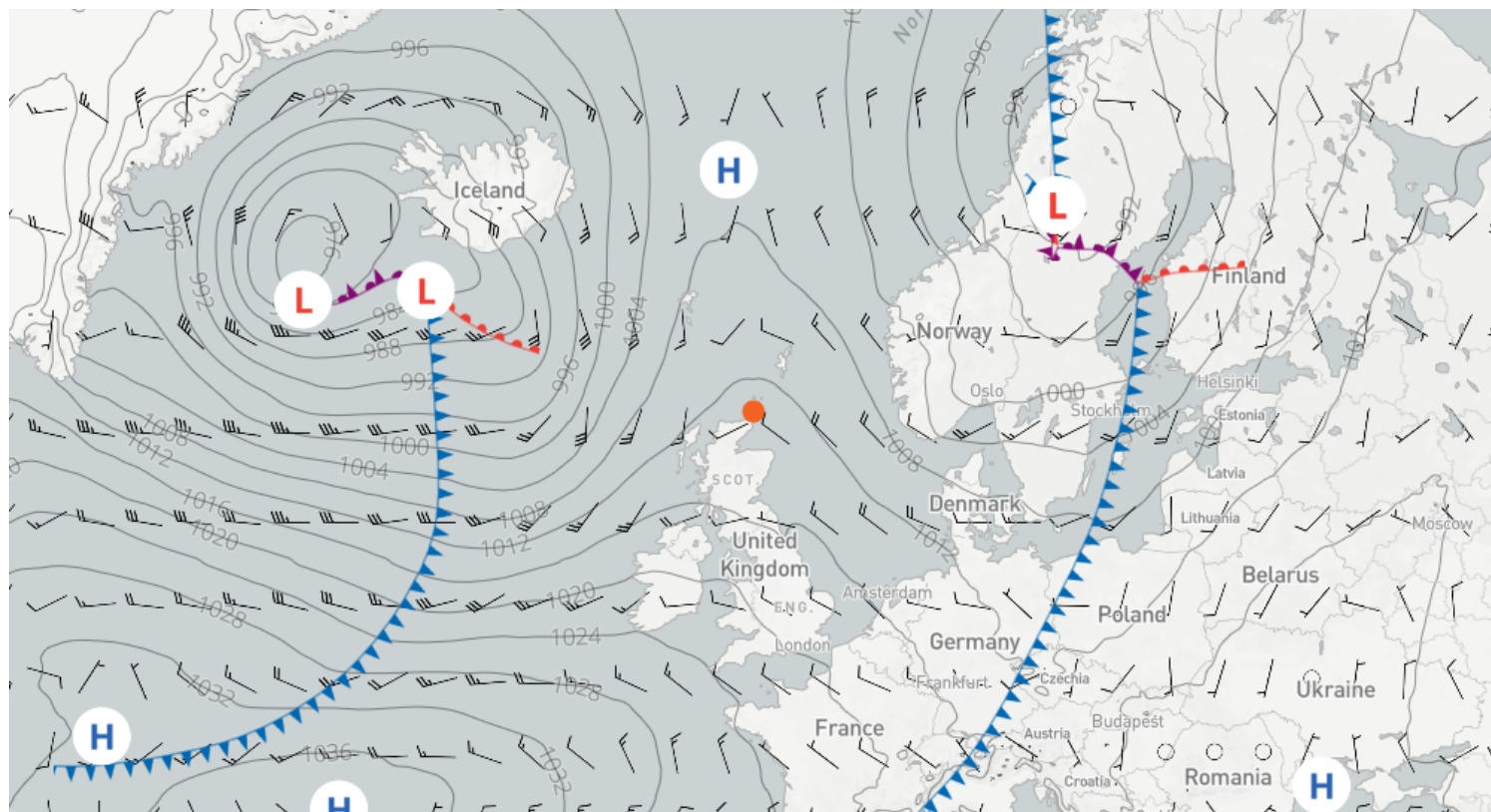
## 50m Wind Graph - 7 Day Scapa Flow



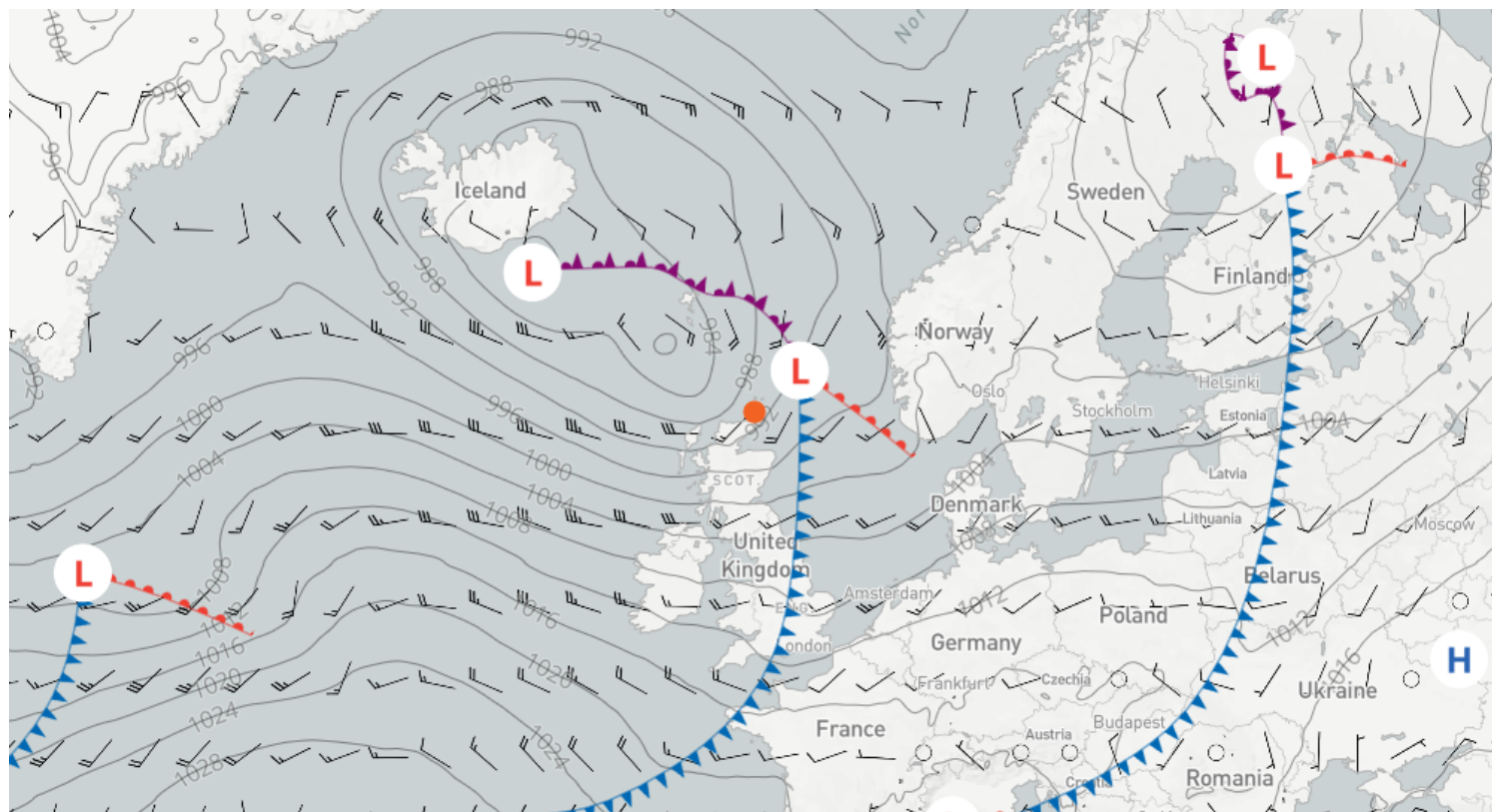
### 100m Wind Graph - 7 Day Scapa Flow



Issued on 15 September 2026, 12:00 UTC | Forecast for 16 September 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 15 September 2026, 14:01 UTC

Issued on 15 September 2026, 12:00 UTC | Forecast for 17 September 2026, 12:00 UTC (+48) | 10m Wind  
Speed + Surface Pressure and Fronts

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