



Meteorological Situation

High pressure from the Azores is extending a ridge NE-wards towards NW Europe initially. Through today this ridge will gradually shift S-wards while low-pressure approaches from Iceland towards the N of Scotland. This Low will gain influence as it moves E-wards and is forecast to push a front across the UK today. Over the weekend the Low is expected to remain the dominant feature as it gradually moves towards Scandinavia, before eventually pushing away further E into the start of next week. In the wake of the Low, high pressure is expected to extend a ridge towards NW Europe once again and bring more settled conditions for the first part of next week. Local conditions next 72 hrs: Wind: SW-ly, veering to WSW, moderate, increasing to fresh breeze, and abating to light on 5 July. 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 (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 (%)	
Friday 04 July 2025																				
03	SW	13	16	18	240	19	25	240	22	28	ra	12	12	11	10	good	88	1000	76	1015
06	SW	13	16	18	240	20	26	250	22	29	ra	12	12	11	10	md/gd	90	3500	78	1014
09	S	11	12	15	190	15	20	190	17	22	ra	12	12	12	10	mod	88	nlc	80	1012
12	S	17	19	21	180	23	27	180	26	30	ra	13	12	12	11	mod	90	2000	80	1009
15	S	14	15	16	190	18	21	190	20	23	ra	14	14	13	12	md/gd	90	2000	78	1006
18	SSW	7	9	9	220	11	13	230	13	15	ra	14	14	14	13	md/gd	93	2000	79	1004
21	SW	7	9	10	230	13	15	240	15	17	ra	13	13	13	13	md/gd	95	1000	79	1002
Saturday 05 July 2025																				
00	SW	11	12	14	250	16	20	250	19	22	ra	13	13	13	12	good	93	1000	79	1002
03	WSW	11	13	15	250	17	20	260	20	23	nsw	13	12	12	12	good	95	1000	79	1001
06	WSW	12	14	16	250	18	21	260	20	24	ra	13	12	12	12	good	95	1000	79	1001
09	WSW	13	15	17	250	18	22	250	20	24	ra	13	13	12	12	good	91	1000	79	1001
12	WSW	13	14	17	260	18	22	260	20	24	ra	13	13	13	12	good	89	3500	78	1001
15	WSW	13	14	17	260	17	21	260	18	23	ra	14	13	13	11	good	86	2000	77	1000
18	WSW	10	11	14	260	15	18	260	17	20	shra	13	13	12	11	good	90	1000	79	1000
21	WSW	8	9	11	250	13	15	250	15	17	ra	12	12	12	11	good	93	1000	79	1000
Sunday 06 July 2025																				
00	WSW	8	9	11	260	12	14	250	13	16	ra	12	12	11	11	good	93	500	79	1000
03	WNW	7	9	9	280	10	12	260	11	14	ra	12	12	11	11	good	95	500	79	999
06	NW	7	8	10	310	9	11	300	10	12	ra	12	12	12	11	good	94	1000	79	999
09	NW	9	10	12	330	11	14	330	12	15	nsw	13	13	12	11	good	88	1000	79	1000
12	NNW	11	12	15	340	13	17	350	14	18	dz	13	13	12	11	good	85	1000	78	1002
15	NNW	15	17	20	340	19	24	350	21	25	nsw	13	13	12	10	good	83	2000	76	1003



Single Location Forecast - 7 Day

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

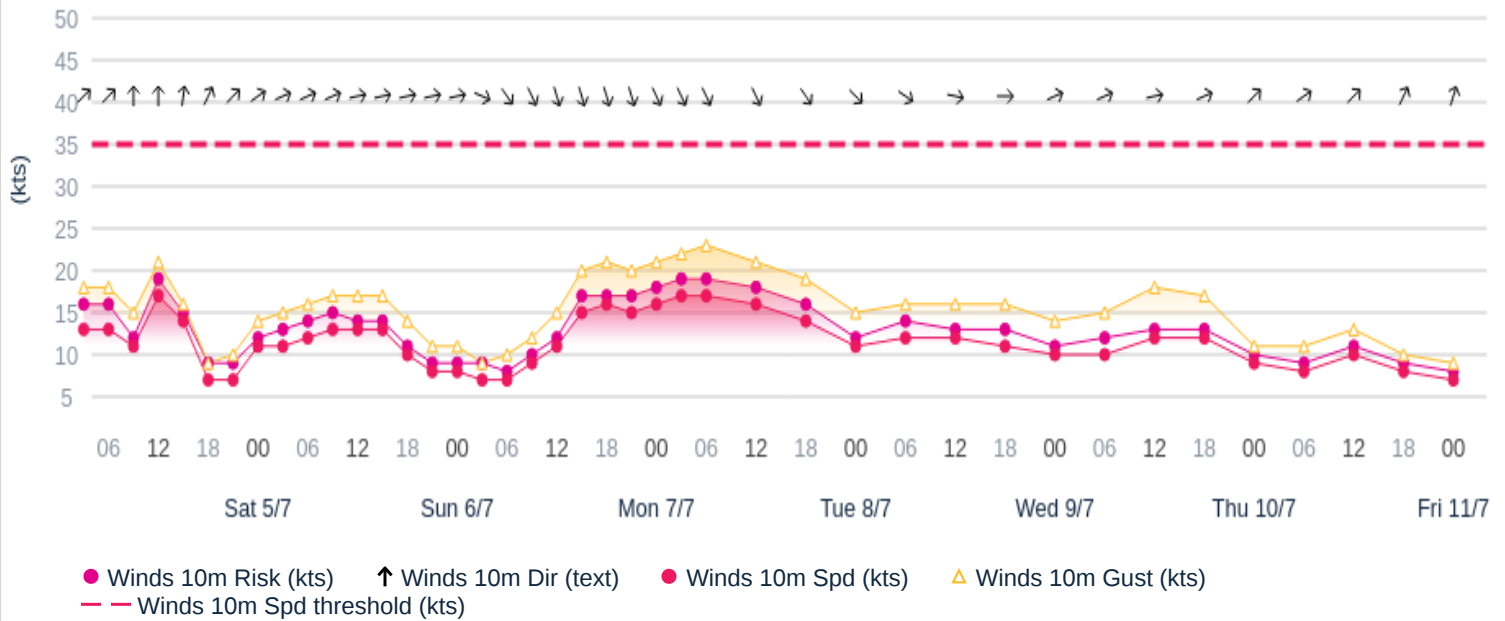
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Issued on 04 July 2025, 04:01 UTC

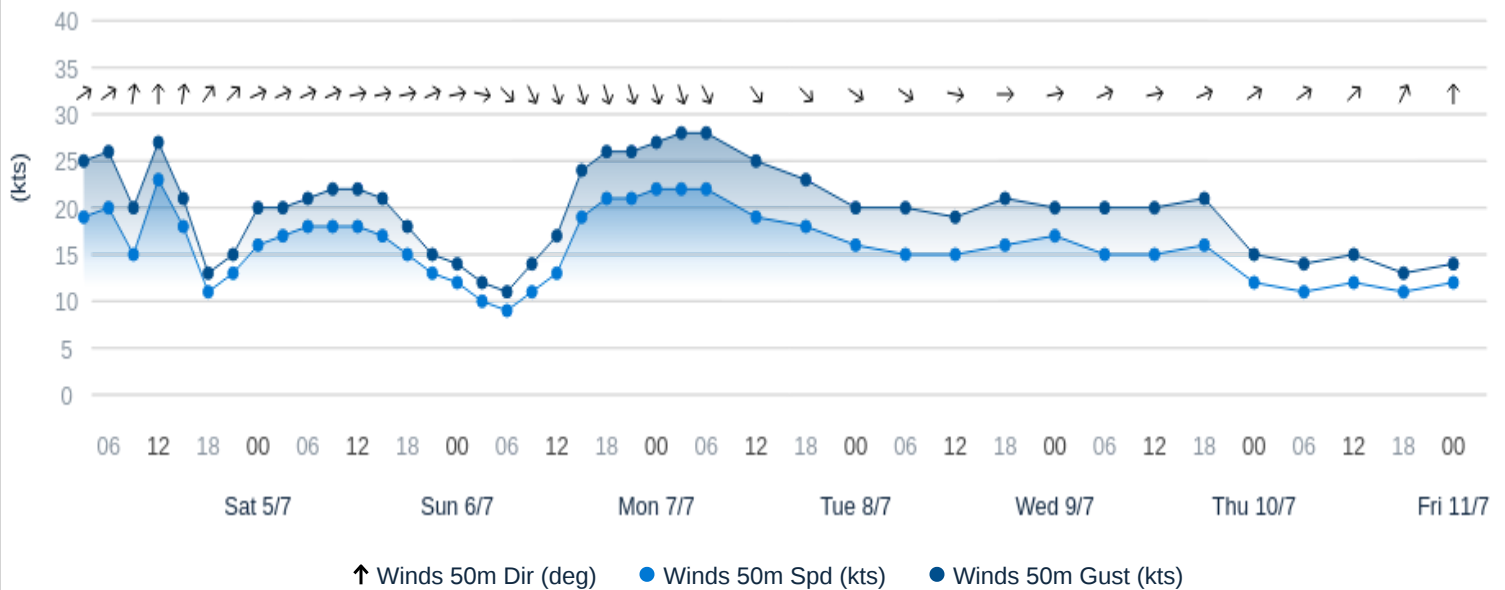
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
18	NNW	16	17	21	340	21	26	340	23	28	dz	12	12	11	10	good	86	1000	73	1004
21	NNW	15	17	20	340	21	26	340	24	28	ra	12	11	11	10	good	88	1000	73	1006
Monday 07 July 2025																				
00	NW	16	18	21	340	22	27	340	25	30	ra	11	11	10	9	good	88	2000	73	1007
03	NW	17	19	22	340	22	28	340	25	30	dz	12	11	11	10	good	87	2000	68	1008
06	NW	17	19	23	330	22	28	330	24	30	dz	12	11	11	10	good	86	2000	63	1009
12	NW	16	18	21	320	19	25	320	20	26	nsw	13	13	12	9	good	78	3500	48	1012
18	NW	14	16	19	310	18	23	310	20	24	nsw	12	12	11	9	good	81	2000	55	1014
Tuesday 08 July 2025																				
00	NW	11	12	15	300	16	20	300	18	22	nsw	11	11	10	9	good	88	1000	66	1016
06	WNW	12	14	16	300	15	20	300	17	22	nsw	12	11	11	9	good	84	1000	71	1016
12	W	12	13	16	280	15	19	280	16	20	nsw	13	13	12	9	good	77	2000	69	1017
18	W	11	13	16	270	16	21	280	18	23	nsw	13	13	13	10	good	82	2000	67	1017
Wednesday 09 July 2025																				
00	WSW	10	11	14	260	17	20	260	19	23	dz	13	13	12	11	good	90	2000	70	1017
06	WSW	10	12	15	250	15	20	260	18	22	nsw	13	13	13	12	good	90	1000	68	1016
12	WSW	12	13	18	260	15	20	260	16	21	nsw	15	15	15	12	good	81	2000	56	1016
18	WSW	12	13	17	250	16	21	240	18	23	nsw	15	15	15	13	good	87	3500	67	1016
Thursday 10 July 2025																				
00	SW	9	10	11	240	12	15	250	14	17	nsw	14	14	14	12	good	91	2000	72	1016
06	SW	8	9	11	240	11	14	250	12	15	nsw	13	13	13	12	good	91	3500	75	1016
12	SW	10	11	13	230	12	15	240	13	16	nsw	15	15	15	11	good	75	nlc	72	1016
18	SSW	8	9	10	210	11	13	210	12	14	dz	15	15	15	12	good	81	3500	73	1015
Friday 11 July 2025																				
00	SSW	7	8	9	180	12	14	170	14	16	ra	13	14	14	12	good	92	nlc	78	1013

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

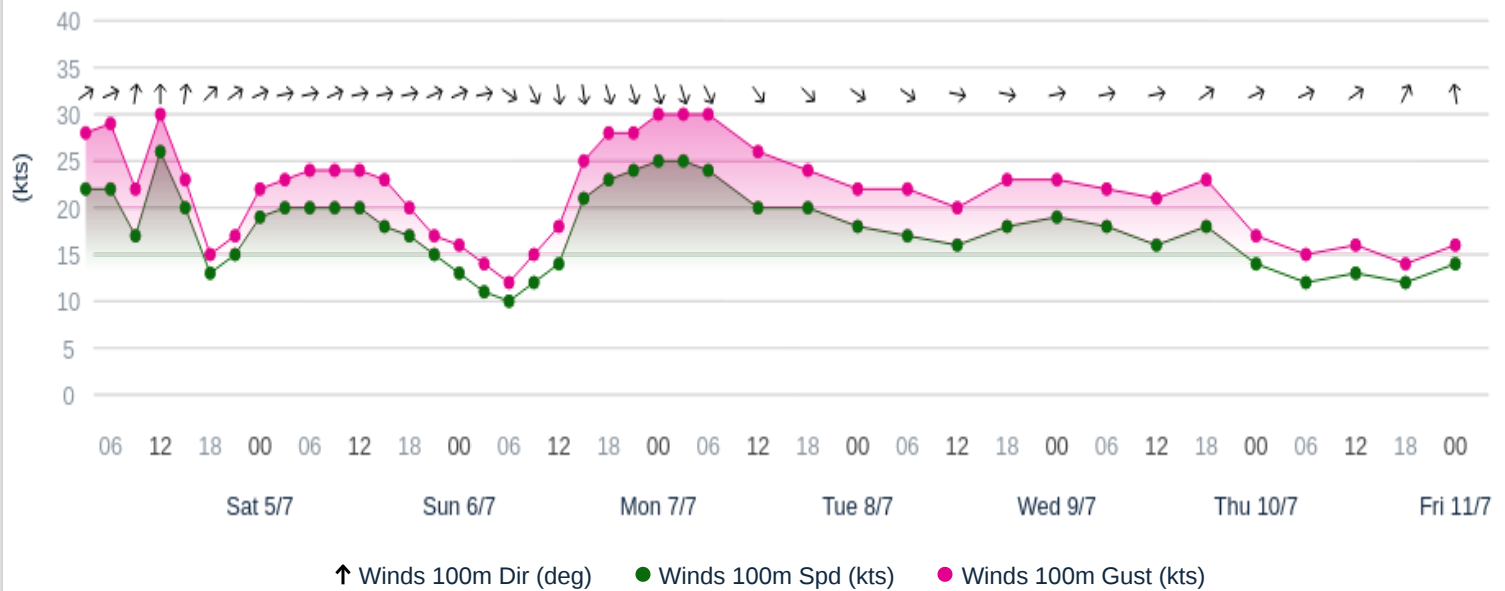
10m Wind Graph - 7 Day Scapa Flow



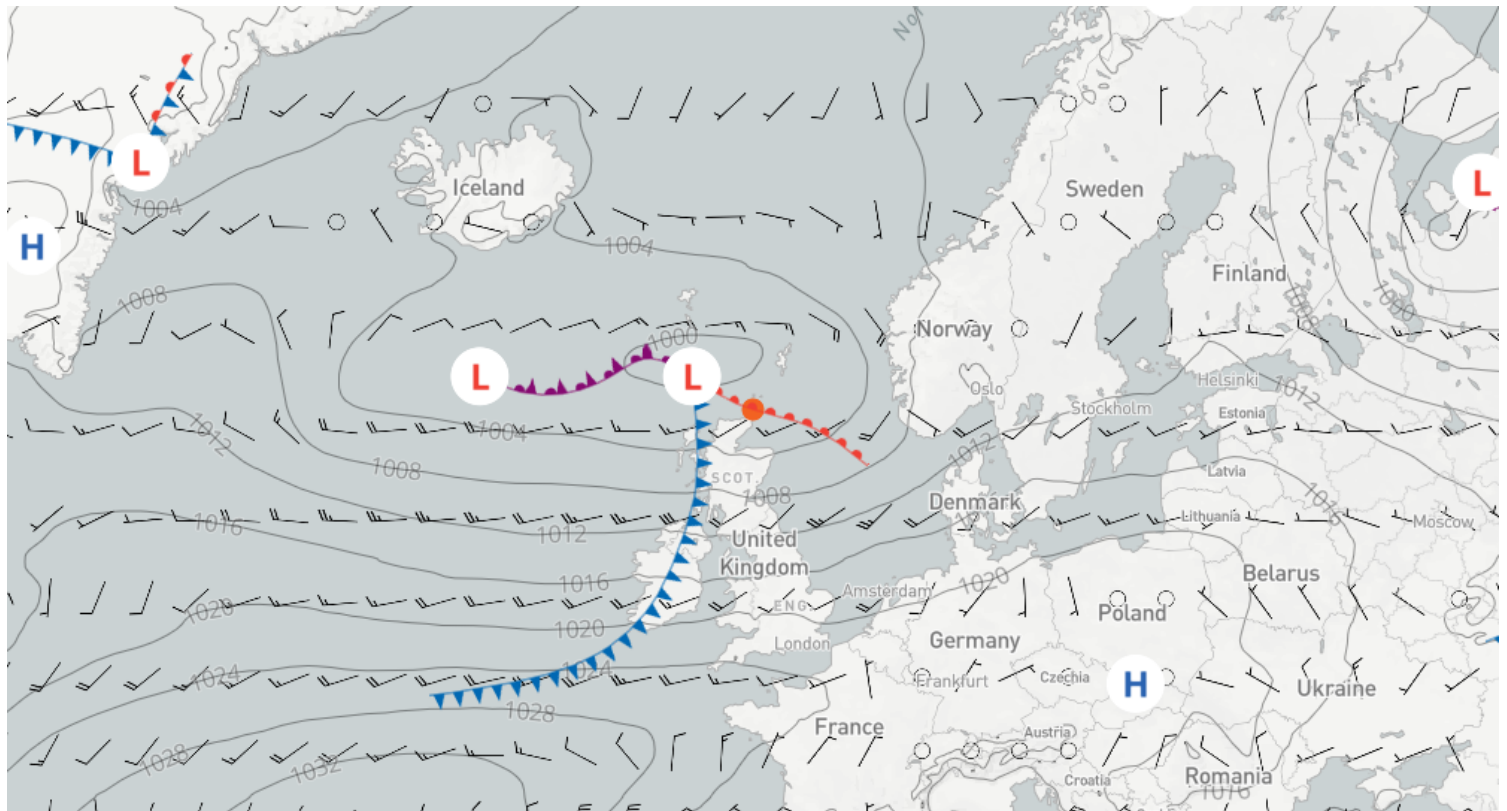
50m Wind Graph - 7 Day Scapa Flow



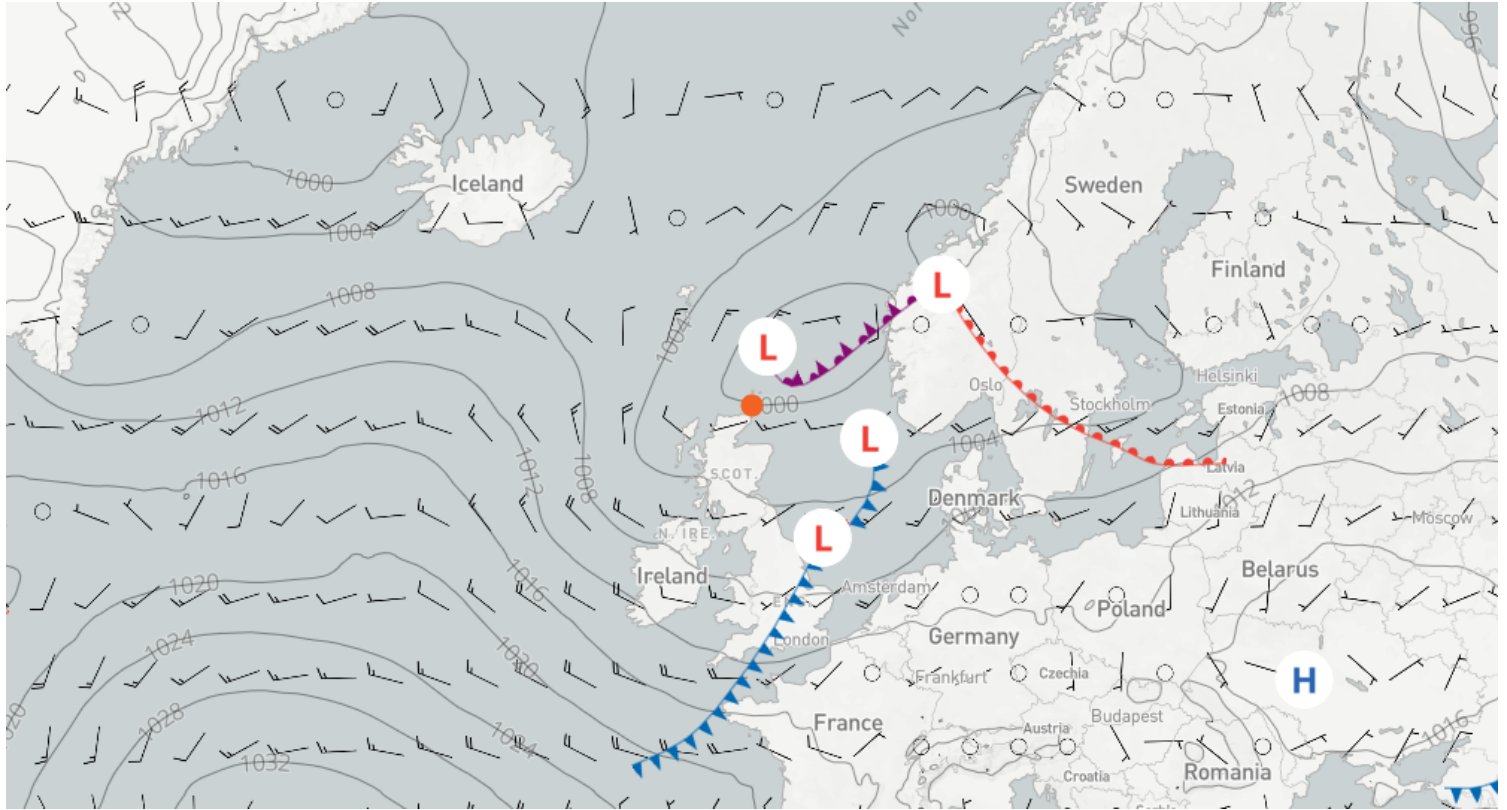
100m Wind Graph - 7 Day Scapa Flow



Issued on 04 July 2025, 00:00 UTC | Forecast for 05 July 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 04 July 2025, 00:00 UTC | Forecast for 06 July 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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