



Single Location Forecast - 7 Day

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

Issued on 22 May 2025, 04:01 UTC

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Meteorological Situation

A complex low (997hPa) is over Scandinavia and the Baltic. It has frontal systems via the North Sea into England. Another low (1002hPa) is over the Atlantic. In between a high (1031hPa) over the Azores is connected via a ridge over the eastern Atlantic to a high (1027hPa) over the Atlantic Margin and the western Norwegian Sea. Today and overnight the weather over Scapa Flo will be fine and calm. Tomorrow the high is expected to move over Scotland and England over the North Sea while dissipating. The weather is still fine. In the evening the earlier mentioned low over the Atlantic is expected to approach. In the night to Saturday it is expected to start to rain over Scapa Flow. Winds from the SW are also expected to increase. The centre of the low is expected to move towards Iceland while a frontal trough is expected to cross Scotland early in the night to Sunday with more unsettled conditions. During Sunday winds are expected to veer to W and continue on Monday. First on Thursday conditions are expected to improve as a high is expected over Biscay with a ridge over the entire UK. Local conditions next 72 hrs: Wind: N-ly, veering to ENE, moderate to fresh. 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

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 (%)	
Thursday 22 May 2025																				
03	N	13	16	17	10	18	24	10	21	27	nsw	8	7	7	2	good	68	3500	50	1022
06	N	14	17	19	10	19	25	10	20	26	nsw	8	8	7	2	good	63	3500	68	1023
09	N	13	16	18	10	17	23	10	19	25	nsw	9	9	8	2	good	59	nlc	47	1023
12	N	14	17	19	0	16	21	0	17	23	nsw	10	9	8	2	good	58	3500	49	1023
15	N	13	16	18	0	15	20	0	16	21	nsw	10	9	8	2	good	59	3500	48	1023
18	N	12	13	16	0	14	19	0	15	20	nsw	9	9	8	3	good	64	3500	59	1023
21	N	8	9	12	0	11	15	0	13	17	nsw	8	8	7	3	good	69	3500	61	1023
Friday 23 May 2025																				
00	N	6	8	9	0	9	13	10	11	15	nsw	8	7	7	2	good	68	3500	53	1022
03	N	6	7	8	350	9	11	0	10	12	nsw	7	7	7	2	good	70	3500	48	1020
06	N	6	6	8	0	7	10	10	8	10	nsw	8	8	7	2	good	65	3500	43	1020
09	N	4	5	6	10	5	7	20	5	7	nsw	9	8	8	2	good	61	3500	52	1018
12	ENE	2	3	4	70	2	4	80	2	4	nsw	10	9	8	2	good	57	3500	49	1017
15	ESE	5	6	9	120	5	9	120	5	10	nsw	10	9	9	3	good	60	3500	47	1015
18	SE	7	8	10	130	9	12	130	10	12	nsw	9	9	8	3	good	65	nlc	59	1013
21	SE	8	9	11	150	13	15	150	14	17	dz	9	8	8	4	good	73	nlc	77	1011
Saturday 24 May 2025																				
00	SSE	11	12	15	150	16	19	150	18	21	ra	9	9	8	5	good	78	nlc	79	1008
03	SSE	12	13	15	160	16	19	150	17	21	ra	9	8	8	7	good	91	3500	79	1005
06	SSE	10	11	13	170	15	18	170	17	19	ra	10	9	9	9	mod	95	1000	79	1002
09	S	8	9	11	200	12	14	220	13	15	ra	11	11	11	10	md/gd	93	1000	79	1001
12	SW	11	12	14	240	15	18	260	16	20	ra	12	12	12	11	good	92	1000	78	1000



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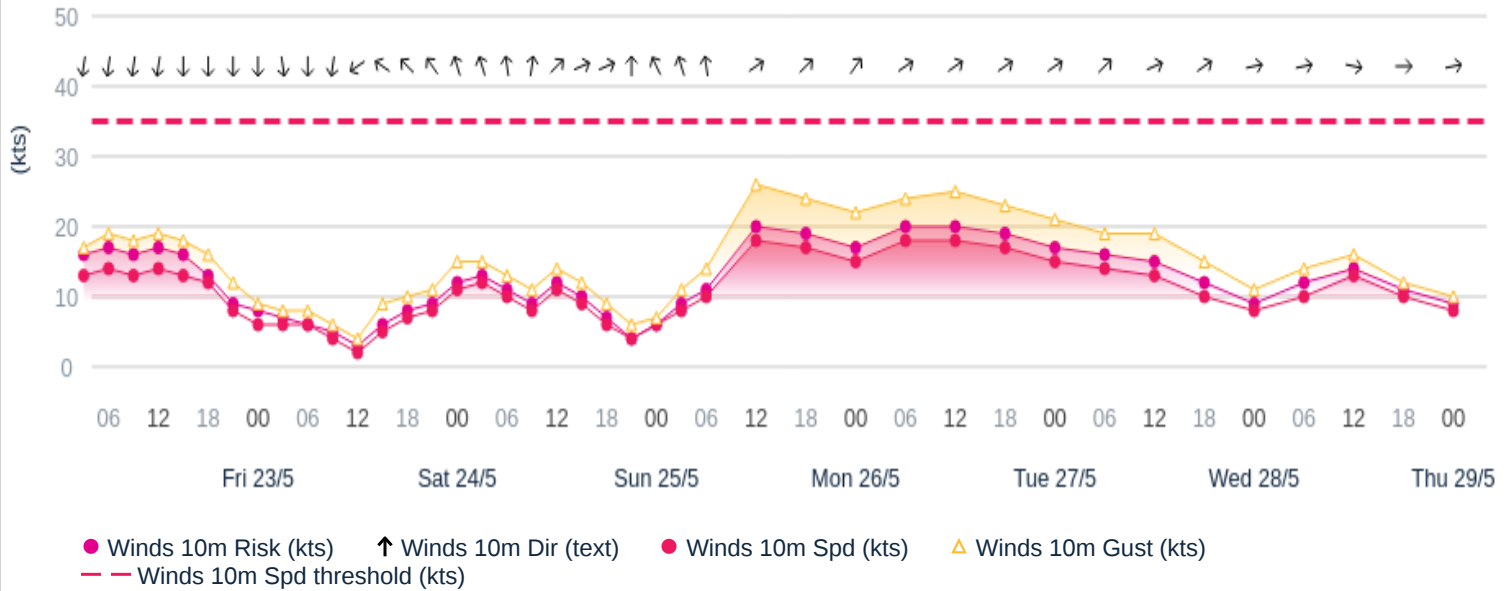
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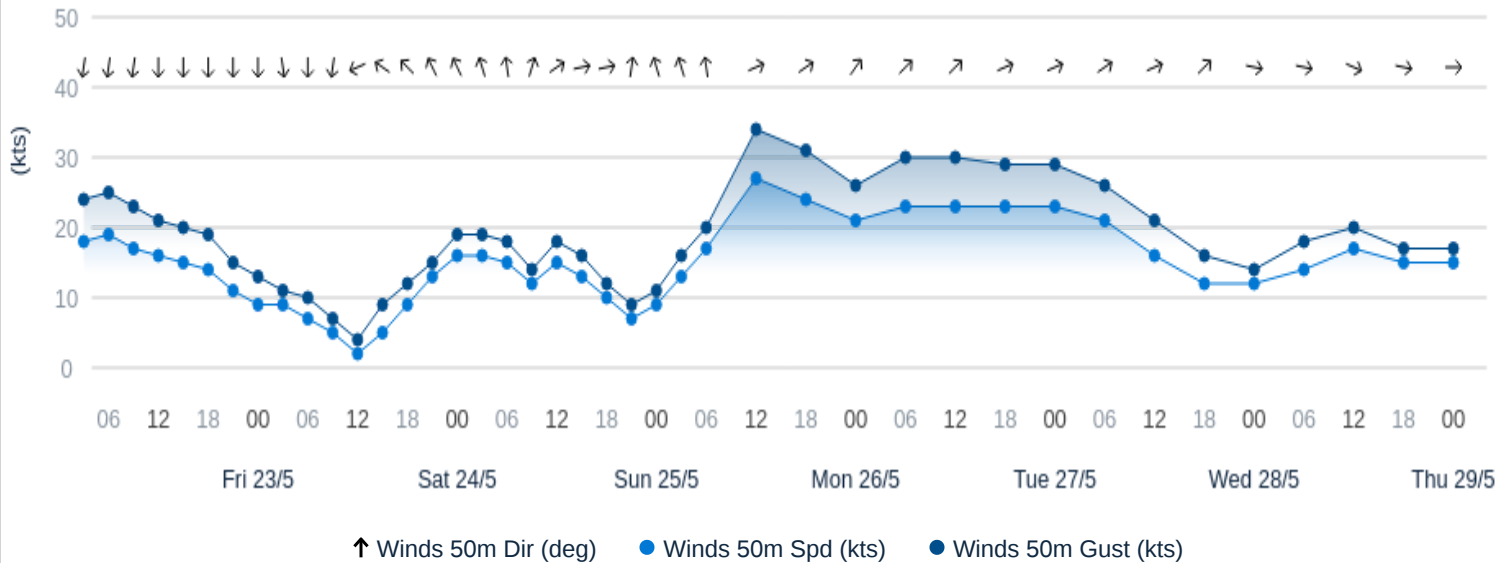
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
15	WSW	9	10	12	260	13	16	270	14	18	dz	13	13	13	11	good	90	1000	72	999
18	WSW	6	7	9	260	10	12	270	11	13	dz	13	13	12	12	good	93	3500	53	998
21	S	4	4	6	190	7	9	200	8	10	dz	11	12	12	11	mod	97	1000	65	997
Sunday 25 May 2025																				
00	SSE	6	6	7	160	9	11	170	11	13	nsw	11	12	12	10	good	94	2000	71	995
03	SSE	8	9	11	160	13	16	170	16	18	ra	11	11	11	10	good	93	3500	73	992
06	SSE	10	11	14	170	17	20	160	20	23	ra	12	11	11	10	good	92	3500	75	989
12	SW	18	20	26	250	27	34	260	30	38	ra	12	12	11	7	good	73	3500	62	991
18	SW	17	19	24	240	24	31	260	27	34	ra	11	10	10	6	good	71	3500	61	993
Monday 26 May 2025																				
00	SW	15	17	22	220	21	26	220	23	29	ra	9	9	8	6	good	79	2000	66	992
06	SW	18	20	24	230	23	30	220	26	32	ra	9	9	8	6	good	80	2000	67	992
12	SW	18	20	25	230	23	30	220	25	33	shra	11	10	10	7	good	75	3500	74	994
18	SW	17	19	23	250	23	29	250	25	32	shra	11	10	10	7	good	80	2000	74	997
Tuesday 27 May 2025																				
00	SW	15	17	21	250	23	29	260	27	32	shra	10	9	9	7	good	83	2000	66	999
06	SW	14	16	19	240	21	26	250	24	29	nsw	10	9	9	7	good	82	2000	60	1000
12	WSW	13	15	19	250	16	21	250	18	23	ra	12	11	11	6	good	69	nlc	33	1002
18	SW	10	12	15	230	12	16	220	13	17	ra	11	11	10	7	good	78	3500	46	1002
Wednesday 28 May 2025																				
00	WSW	8	9	11	280	12	14	290	13	16	dz	10	10	10	8	good	87	nlc	46	1004
06	WSW	10	12	14	280	14	18	290	16	20	dz	10	10	9	7	good	84	2000	67	1006
12	W	13	14	16	290	17	20	290	19	23	nsw	12	11	10	7	good	75	2000	32	1009
18	W	10	11	12	280	15	17	280	17	20	nsw	11	11	10	7	good	78	2000	42	1011
Thursday 29 May 2025																				
00	WSW	8	9	10	270	15	17	280	17	20	nsw	10	10	9	8	good	86	2000	64	1013

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

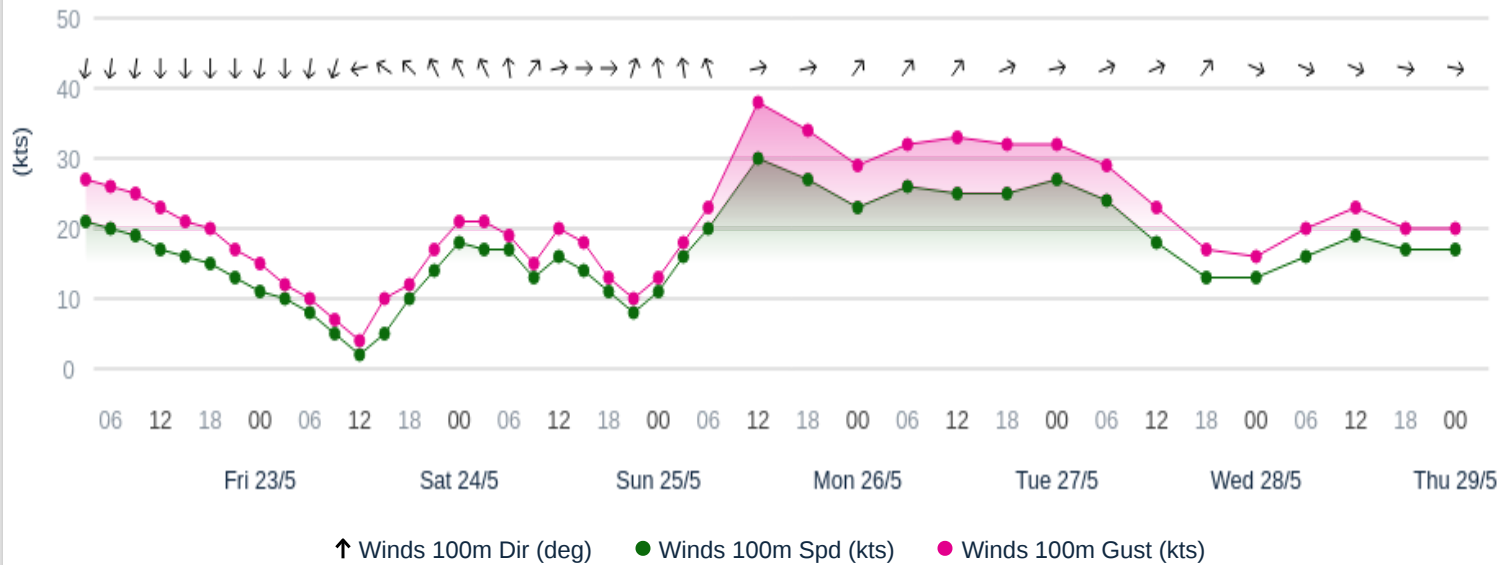
10m Wind Graph - 7 Day Scapa Flow



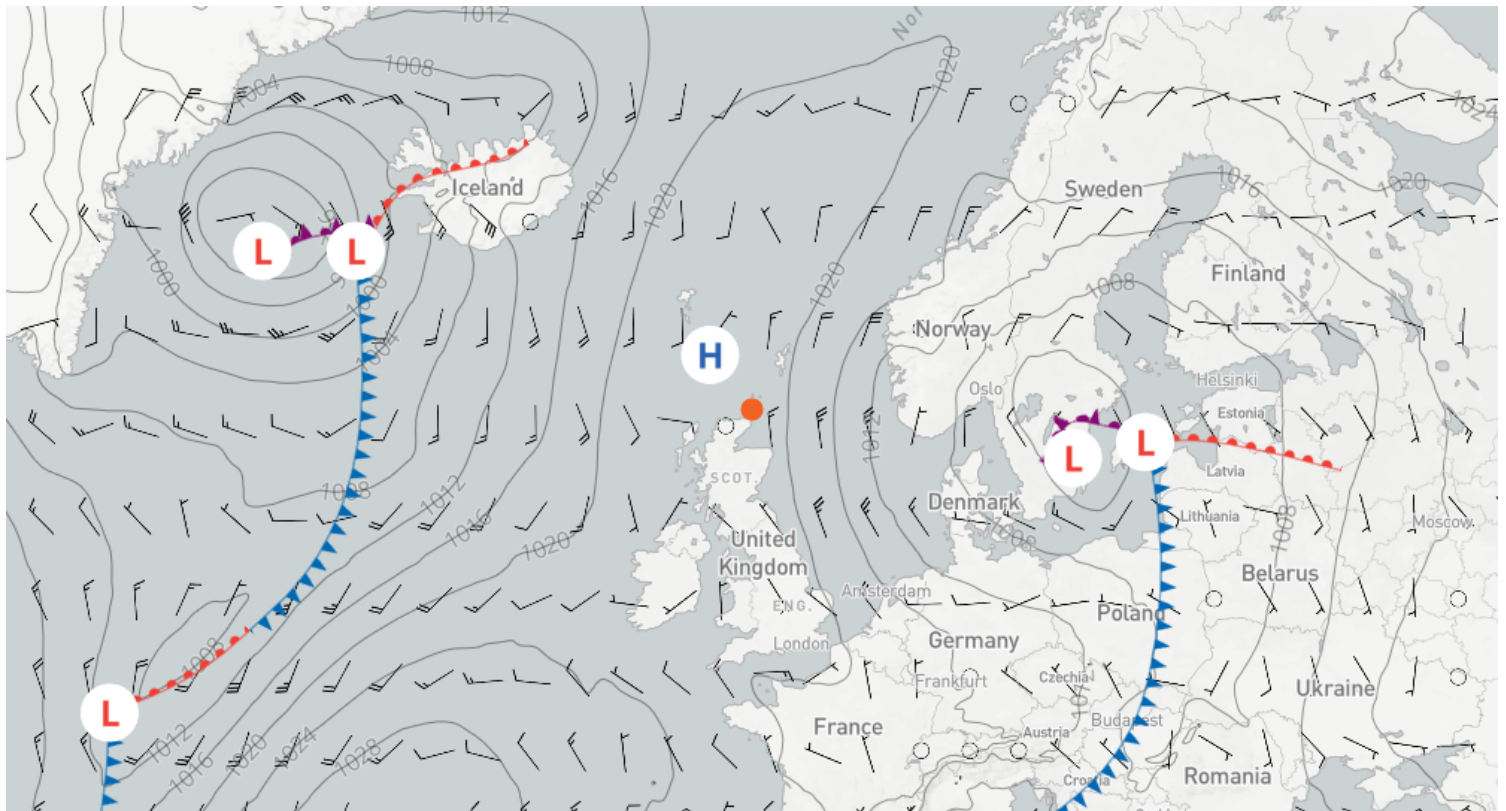
50m Wind Graph - 7 Day Scapa Flow



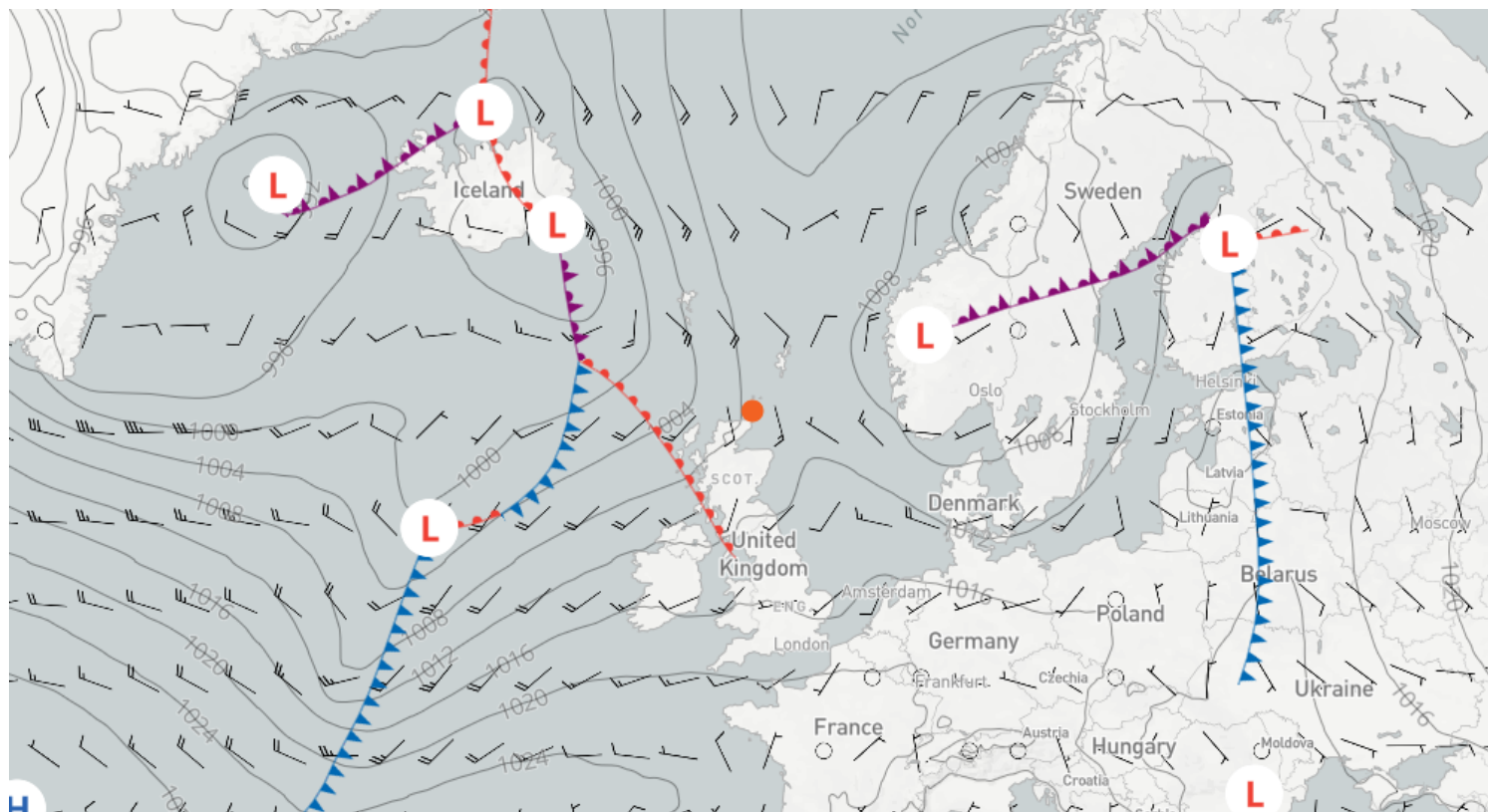
100m Wind Graph - 7 Day Scapa Flow



Issued on 22 May 2025, 00:00 UTC | Forecast for 23 May 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 22 May 2025, 00:00 UTC | Forecast for 24 May 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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