



Single Location Forecast - 7 Day

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

Issued on 30 May 2025, 14:01 UTC

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Meteorological Situation

Currently a high over the Azores (1026hPa) has a ridge via Biscay over the UK. At the same time a low is over Scandinavia and another low (994hPa) is over the Atlantic. Under the ridge the weather will be fair over Scapa Flow for the rest of today and most of the time overnight. Early tomorrow morning, the Atlantic-low is expected to move towards Ireland and Scotland and is expected to affect your site with rain and gradually increasing SSW'ly winds.. This is the start of an unsettled period. The low is expected to move northeast wards and on Sunday a mobile ridge is expected to move over the UK again. However winds are not expected to decrease significantly under that ridge. Early Monday a new and complex low is expected to approach again with a frontal trough this time. Winds from the S increase to strong to near gale and decrease on Tuesday when the centre of the low is expected to move over Scotland. But then new low pressure is forecasted to approach once again. Local conditions next 72 hrs: Wind: S-ly, light, increasing to moderate. Sea temperature: 10-11C.

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)
Friday 30 May 2025																				
12	S	8	11	12	180	7	10	180	6	9	ra	11	11	10	7	good	75	3500	33	1013
15	SSE	10	13	14	170	9	12	180	7	11	nsw	12	11	11	7	good	75	nlc	21	1014
18	SSE	9	12	13	170	9	13	170	9	13	nsw	11	11	10	8	good	78	nlc	48	1014
21	SSE	8	11	12	170	13	18	170	16	21	nsw	10	10	10	8	good	87	nlc	53	1015
Saturday 31 May 2025																				
00	SSE	8	11	11	160	14	19	160	17	22	nsw	10	10	10	8	good	89	nlc	72	1015
03	SSE	11	14	16	150	17	22	150	21	27	nsw	10	10	9	9	good	93	nlc	61	1013
06	SSE	13	16	17	150	18	23	150	20	26	nsw	11	10	10	9	good	93	nlc	78	1011
09	SSE	13	15	17	150	18	23	150	20	26	nsw	11	11	10	10	good	91	3500	72	1010
12	SSE	14	15	18	150	18	23	160	20	26	nsw	12	12	12	10	good	86	nlc	71	1008
15	SSE	12	13	16	170	14	19	180	16	21	shra	13	13	13	11	good	87	3500	72	1006
18	SSW	7	8	9	230	6	9	250	6	9	ra	13	13	13	11	md/gd	87	nlc	70	1004
21	SW	6	7	8	250	8	10	250	9	11	shra	11	11	11	9	good	88	3500	54	1003
Sunday 01 June 2025																				
00	SW	9	10	12	230	13	16	230	15	18	nsw	10	10	10	8	good	84	nlc	13	1003
03	SSW	11	12	14	220	16	19	230	18	21	nsw	10	9	9	7	good	86	nlc	31	1002
06	SSW	11	12	15	220	14	17	220	15	19	nsw	10	10	9	7	good	82	nlc	50	1001
09	SW	9	10	12	230	11	14	240	12	15	nsw	11	11	10	7	good	76	2000	62	1000
12	WSW	10	11	13	260	12	15	260	13	16	ra	12	11	10	7	good	74	3500	60	1001
15	SW	10	11	12	250	11	14	250	12	15	ra	12	11	11	7	good	76	3500	63	1001
18	W	14	16	19	280	18	22	290	19	23	dz	11	10	10	8	good	83	1000	58	1002
21	WNW	16	18	22	300	23	29	310	26	31	ra	10	9	9	8	good	88	2000	68	1005



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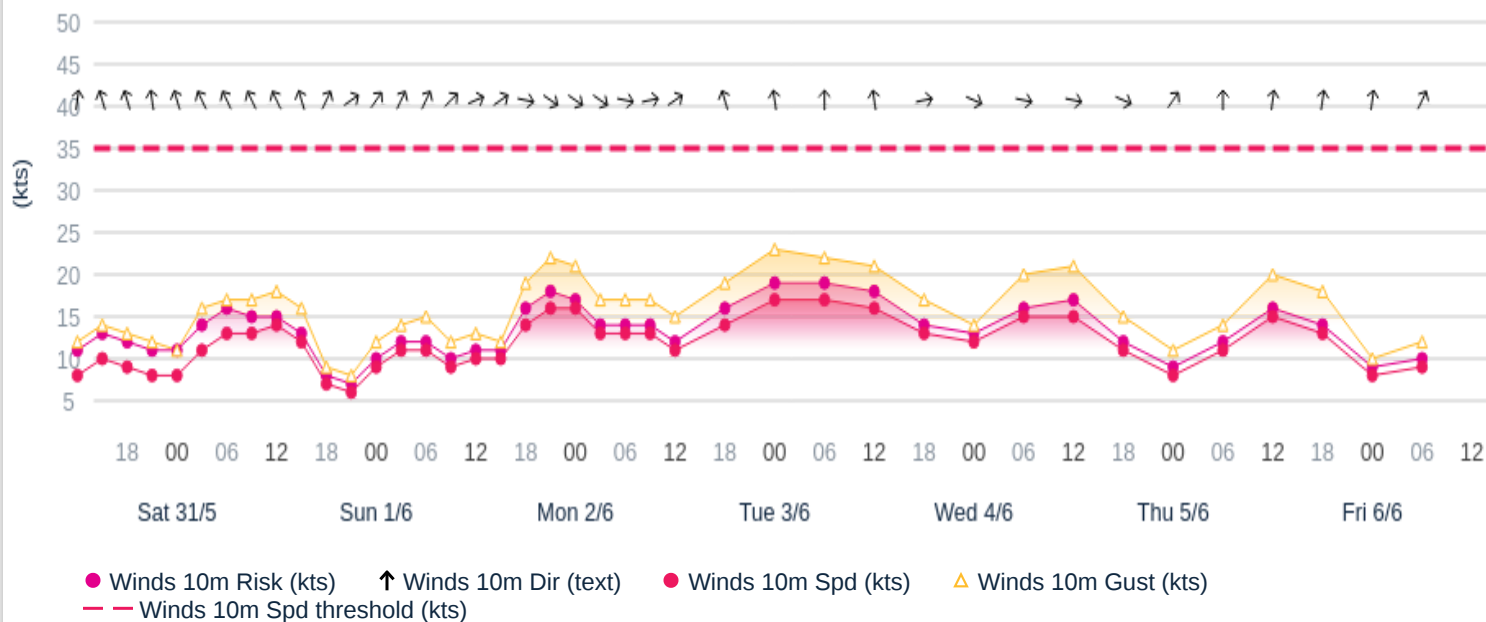
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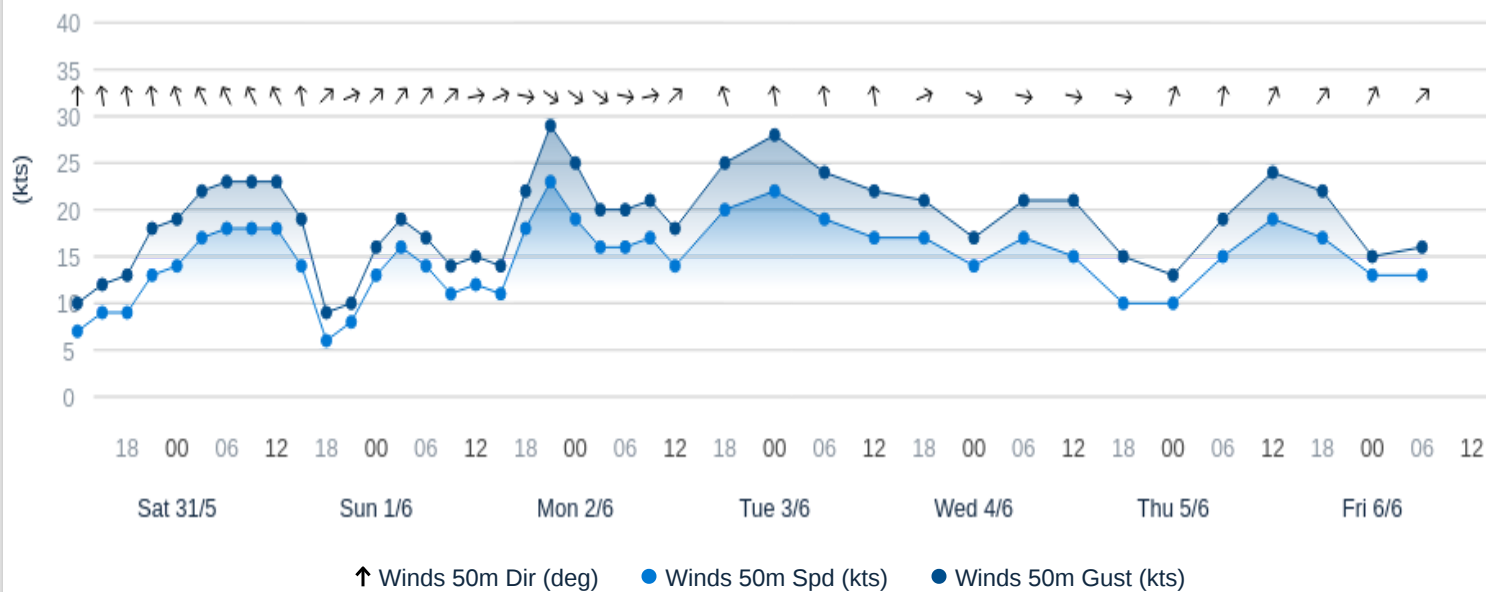
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
Monday 02 June 2025																				
00	WNW	16	17	21	300	19	25	300	22	27	nsw	10	9	9	7	good	83	2000	53	1007
03	WNW	13	14	17	300	16	20	300	17	22	nsw	9	9	9	6	good	80	3500	59	1008
06	W	13	14	17	280	16	20	280	17	21	nsw	10	10	9	6	good	78	3500	54	1009
09	WSW	13	14	17	260	17	21	250	19	23	dz	11	10	10	6	good	74	3500	64	1009
12	SW	11	12	15	230	14	18	230	14	19	dz	12	11	11	7	good	71	3500	66	1008
18	SSE	14	16	19	160	20	25	150	23	27	dz	12	11	11	8	good	78	nlc	76	1004
Tuesday 03 June 2025																				
00	SSE	17	19	23	170	22	28	170	24	30	ra	11	11	11	8	good	79	nlc	79	999
06	S	17	19	22	170	19	24	170	20	25	ra	11	10	10	9	md/gd	87	2000	78	993
12	SSE	16	18	21	170	17	22	160	18	23	ra	11	10	10	8	good	85	3500	73	991
18	WSW	13	14	17	250	17	21	250	19	23	nsw	11	10	10	7	good	80	3500	66	992
Wednesday 04 June 2025																				
00	WNW	12	13	14	290	14	17	300	15	18	nsw	9	8	8	6	good	85	1000	61	994
06	W	15	16	20	280	17	21	280	18	22	shra	8	8	7	5	good	81	2000	71	996
12	W	15	17	21	280	15	21	280	15	21	nsw	10	9	8	3	good	65	3500	70	999
18	WNW	11	12	15	280	10	15	270	9	15	dz	9	9	8	3	good	65	nlc	53	1001
Thursday 05 June 2025																				
00	SW	8	9	11	200	10	13	190	11	13	dz	9	9	8	4	good	72	nlc	62	1002
06	S	11	12	14	190	15	19	190	17	21	nsw	10	9	8	6	good	80	1000	68	1001
12	S	15	16	20	210	19	24	230	21	26	shra	11	11	10	7	good	77	2000	72	1001
18	S	13	14	18	220	17	22	260	19	24	ra	11	11	10	8	good	83	nlc	75	1000
Friday 06 June 2025																				
00	S	8	9	10	210	13	15	230	16	18	ra	10	10	10	8	good	85	nlc	73	1000
06	SSW	9	10	12	230	13	16	250	15	17	ra	10	10	9	8	good	87	1000	79	999

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

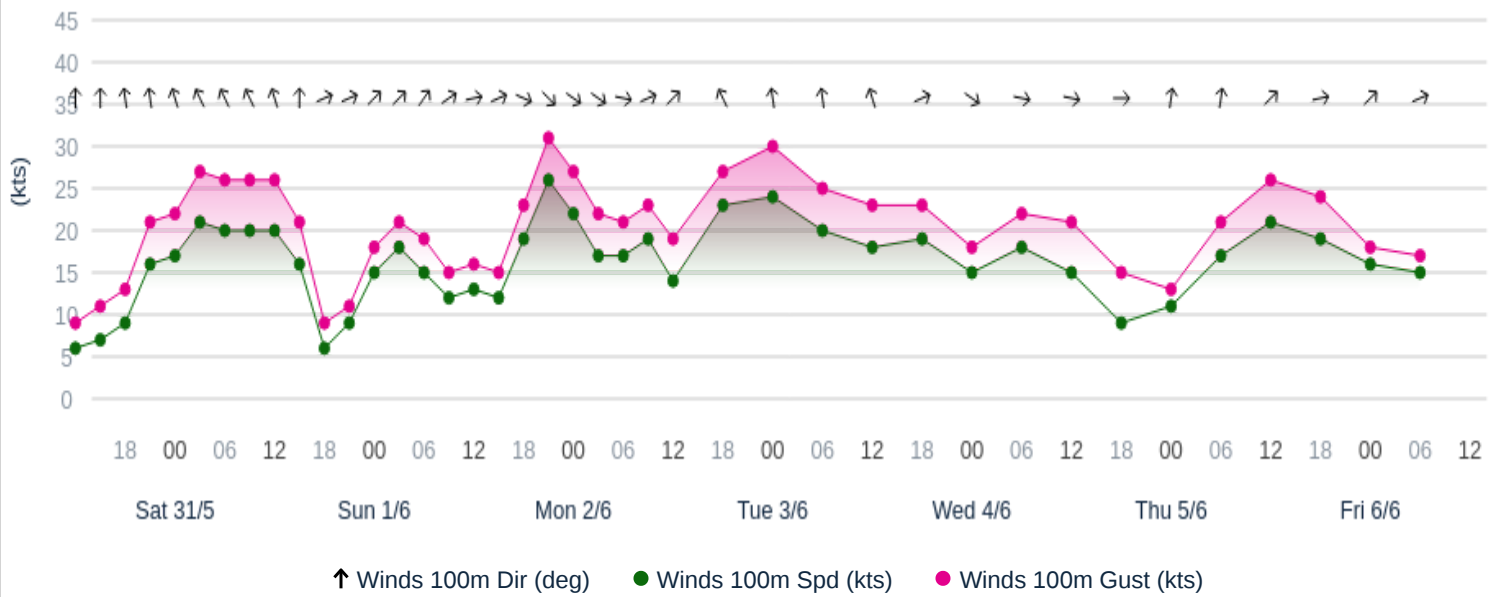
10m Wind Graph - 7 Day Scapa Flow



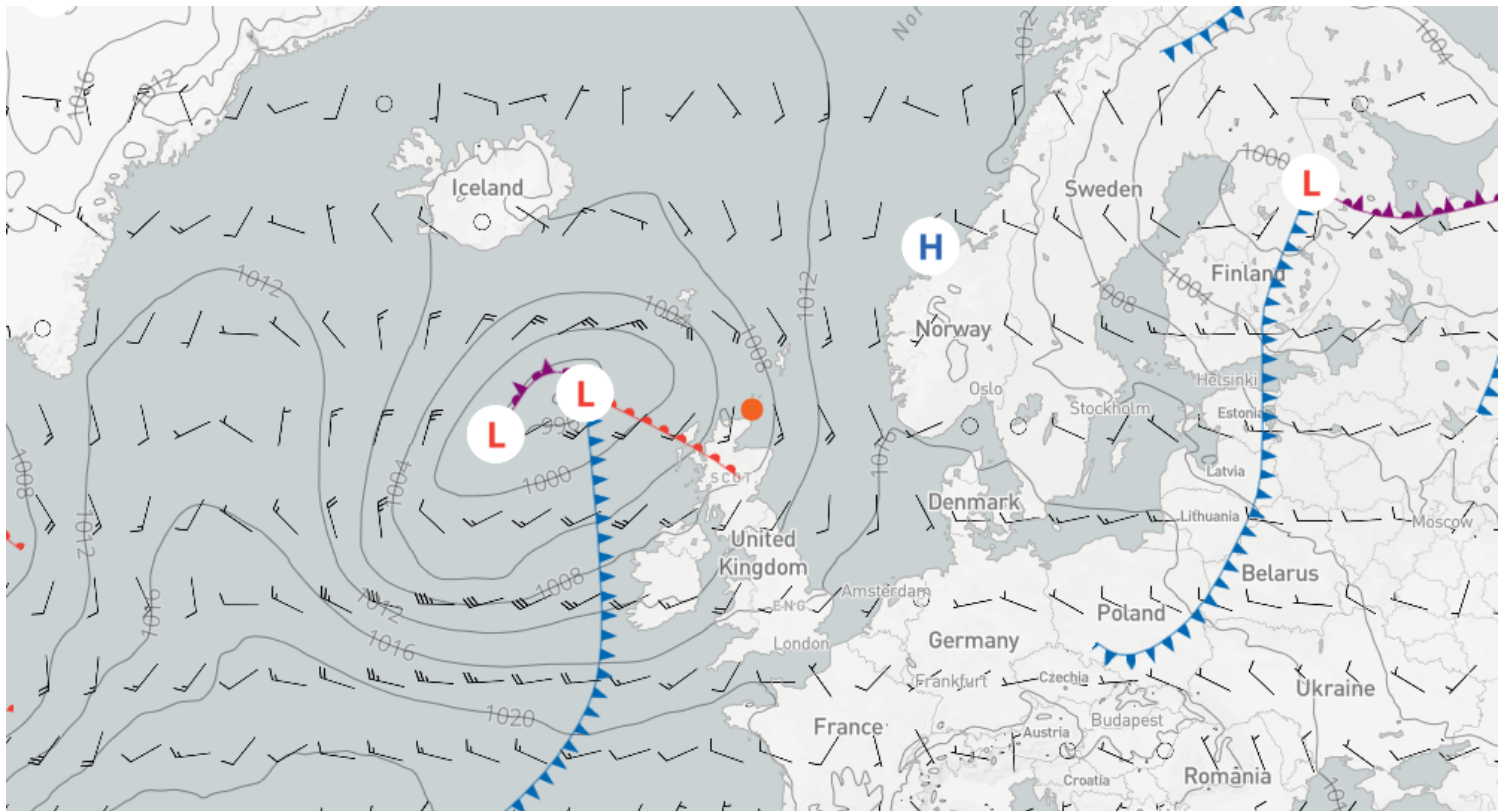
50m Wind Graph - 7 Day Scapa Flow



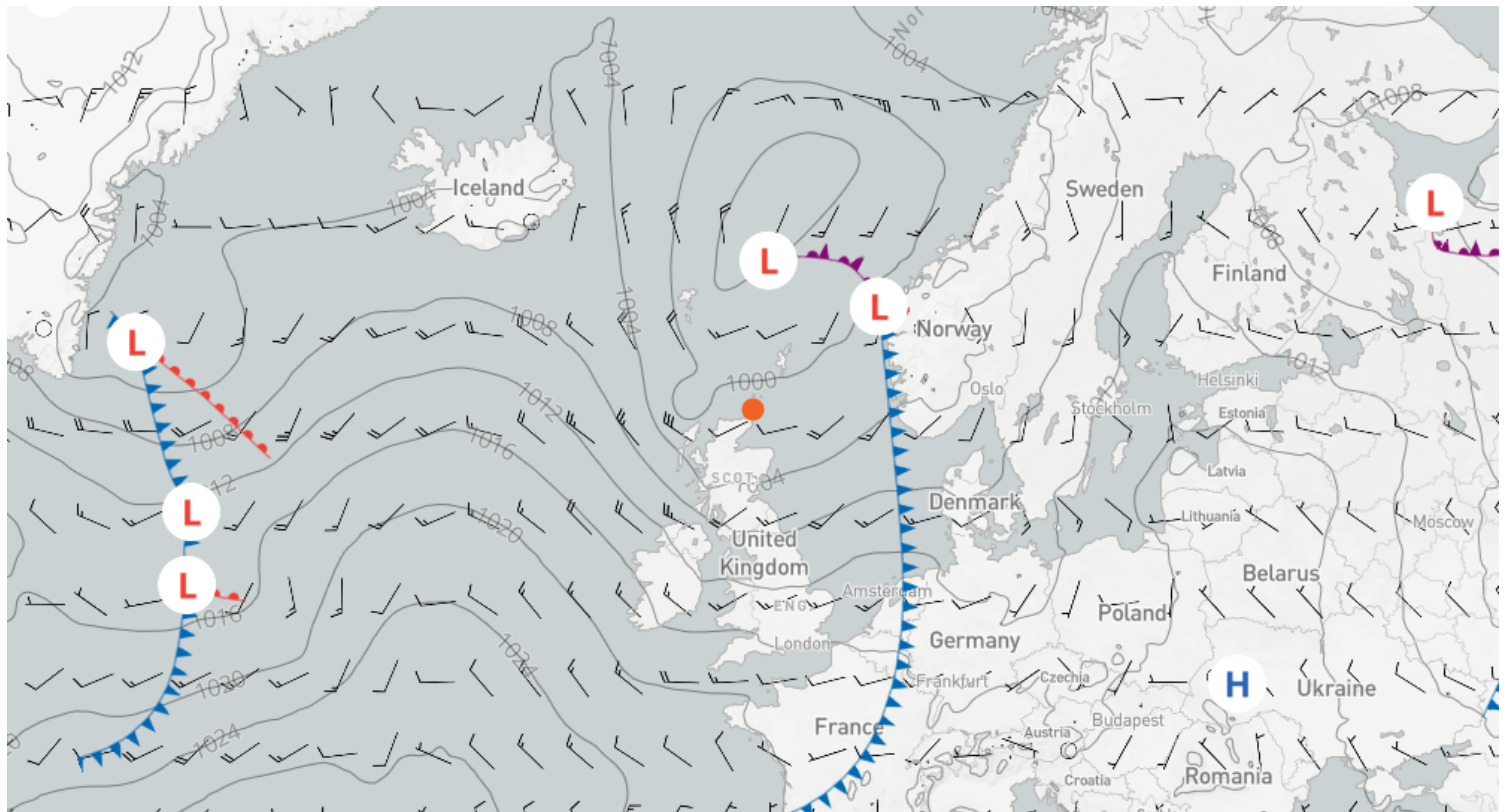
100m Wind Graph - 7 Day Scapa Flow



Issued on 30 May 2025, 12:00 UTC | Forecast for 31 May 2025, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 30 May 2025, 12:00 UTC | Forecast for 01 June 2025, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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