

Meteorological Situation

A ridge is over the North Sea today, associated with high pressure near to the Azores, while low pressure is over the Gulf of Bothnia. The ridge is expected to retreat through tomorrow as low pressure passes to the south of Iceland and heads towards northwest Scotland. Winds are forecast to strengthen across Orkney tomorrow with fresh, possibly strong, levels. Rain is expected through much of the day as a frontal zone passes over Orkney associated with the Low. The Low is expected to be the dominant feature into the weekend with rain and showers forecast to continue. Local conditions next 72 hrs: Wind: variable direction, moderate, increasing to fresh breeze on 4 July 12 UTC (risk of strong breeze). 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 (%)		
Thursday 03 July 2025																					
12	S	13	16	18	190	17	22	190	20	26	shra	13	13	12	10	good	81	3500	71	1019	
15	S	10	13	14	200	14	18	200	15	20	ra	14	13	13	11	good	85	nlc	77	1018	
18	SSW	8	11	12	220	13	18	230	15	20	shra	13	13	13	11	good	88	2000	70	1017	
21	WSW	10	13	14	250	17	22	260	20	26	shra	12	12	12	11	good	91	1000	49	1017	
Friday 04 July 2025																					
00	WSW	11	12	15	250	16	21	250	18	24	nsw	12	12	11	10	good	89	1000	40	1017	
03	SW	9	10	13	230	13	18	240	14	19	nsw	12	11	11	10	good	88	2000	75	1016	
06	SW	11	12	15	230	16	21	240	19	25	ra	12	12	11	11	md/gd	91	nlc	77	1014	
09	S	12	15	16	190	15	20	190	16	21	ra	12	12	12	10	mod	88	nlc	80	1013	
12	SSE	17	23	23	170	24	29	170	26	31	ra	13	13	12	11	mod	89	3500	79	1009	
15	S	14	19	18	190	19	23	190	21	25	ra	14	14	14	12	md/gd	89	3500	78	1006	
18	SW	8	10	10	220	13	15	230	15	17	ra	14	14	14	13	md/gd	93	2000	79	1004	
21	SW	7	10	10	230	12	14	240	14	16	ra	13	13	13	12	good	94	1000	79	1002	
Saturday 05 July 2025																					
00	SW	10	11	13	240	16	19	250	18	21	ra	13	13	13	12	good	93	1000	79	1001	
03	SW	10	12	14	250	16	20	250	19	22	ra	13	12	12	12	good	95	1000	78	1000	
06	WSW	13	14	17	250	18	22	260	20	25	ra	13	12	12	12	good	95	500	79	1000	
09	WSW	14	16	19	250	19	24	260	21	26	ra	13	13	12	12	good	91	1000	79	1001	
12	WSW	15	17	20	260	20	25	260	22	27	ra	13	13	13	12	good	88	1000	78	1001	
15	WSW	14	15	19	260	18	23	260	20	25	nsw	14	13	13	11	good	85	1000	78	1001	
18	WSW	9	10	12	260	14	17	260	16	19	ra	13	13	12	11	good	89	1000	78	1000	
21	WSW	6	8	9	260	11	13	260	13	15	ra	12	12	12	11	good	92	1000	78	1000	
Sunday 06 July 2025																					



Single Location Forecast - 7 Day

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

offshore@dtn.com
+31 (0)30 8082022 (Utrecht office)
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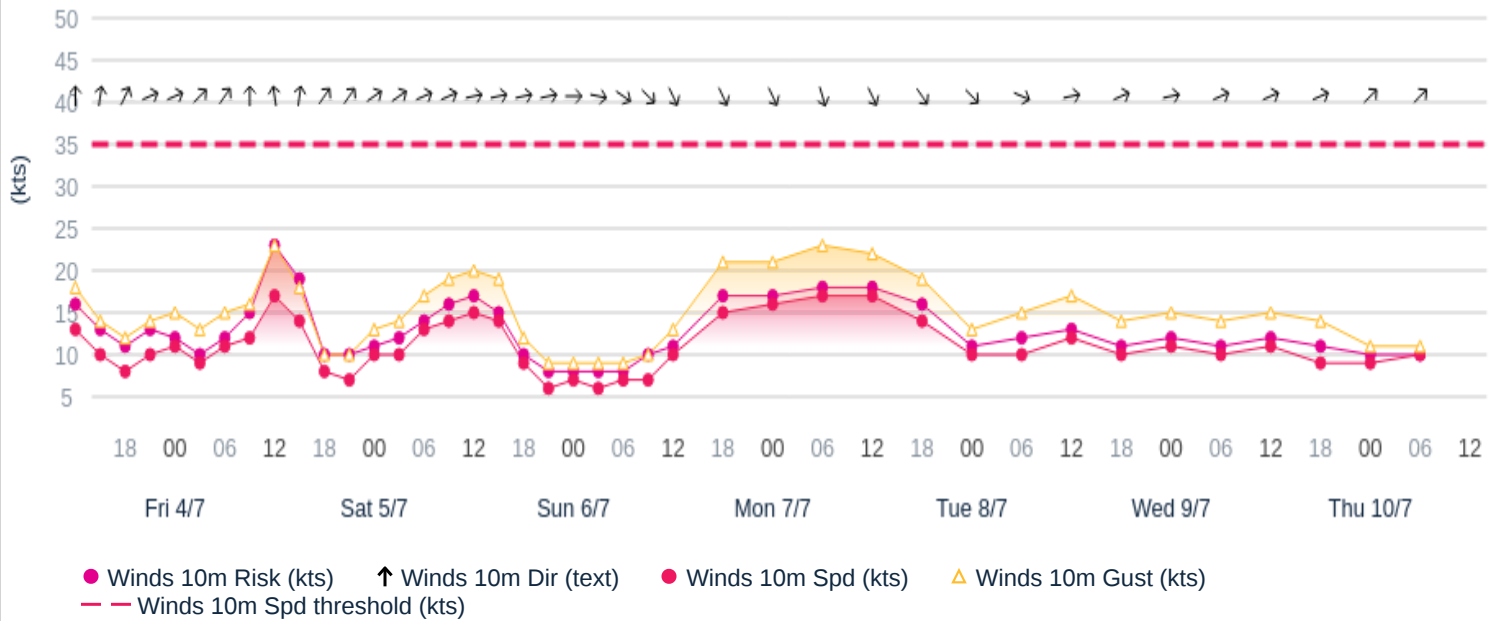
Issued on 03 July 2025, 14:01 UTC

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)
00	W	7	8	9	270	11	13	270	13	15	ra	12	12	11	11	good	92	500	79	1000
03	W	6	8	9	280	10	12	280	12	14	ra	12	12	11	11	good	93	500	79	999
06	WNW	7	8	9	300	10	13	300	12	14	ra	12	12	12	12	good	95	500	78	1000
09	NW	7	10	10	320	10	12	330	11	13	ra	13	13	12	12	good	91	500	79	1000
12	NW	10	11	13	330	12	15	330	13	16	ra	13	13	12	11	good	88	1000	79	1001
18	NW	15	17	21	330	22	27	330	25	30	ra	12	12	11	11	good	89	1000	79	1004
Monday 07 July 2025																				
00	NW	16	17	21	330	22	28	330	25	31	ra	11	11	11	10	good	91	3500	77	1007
06	NNW	17	18	23	340	22	28	340	25	30	dz	12	11	11	10	good	90	1000	73	1009
12	NW	17	18	22	330	21	27	330	23	29	nsw	13	13	12	10	good	79	3500	62	1012
18	NW	14	16	19	330	18	23	330	19	24	nsw	13	12	11	9	good	80	2000	53	1015
Tuesday 08 July 2025																				
00	NW	10	11	13	310	14	17	320	16	19	nsw	12	11	11	9	good	85	2000	48	1016
06	WNW	10	12	15	290	14	18	300	15	19	dz	12	12	11	10	good	85	2000	73	1016
12	WSW	12	13	17	270	15	20	280	17	22	dz	14	13	13	10	good	79	2000	72	1016
18	WSW	10	11	14	260	14	19	260	16	20	dz	14	13	13	11	good	85	1000	78	1016
Wednesday 09 July 2025																				
00	WSW	11	12	15	260	16	20	270	18	23	nsw	13	13	12	11	good	91	1000	80	1016
06	WSW	10	11	14	250	13	17	250	15	19	nsw	13	13	13	12	good	91	1000	78	1016
12	WSW	11	12	15	250	14	19	260	16	21	dz	15	15	15	12	good	84	2000	76	1016
18	WSW	9	11	14	250	12	16	260	13	17	dz	15	15	15	13	good	86	3500	71	1016
Thursday 10 July 2025																				
00	SW	9	10	11	220	12	14	220	14	16	dz	14	14	14	12	good	91	nlc	75	1015
06	SW	10	10	11	230	13	14	230	14	16	dz	14	14	14	12	good	90	2000	79	1014

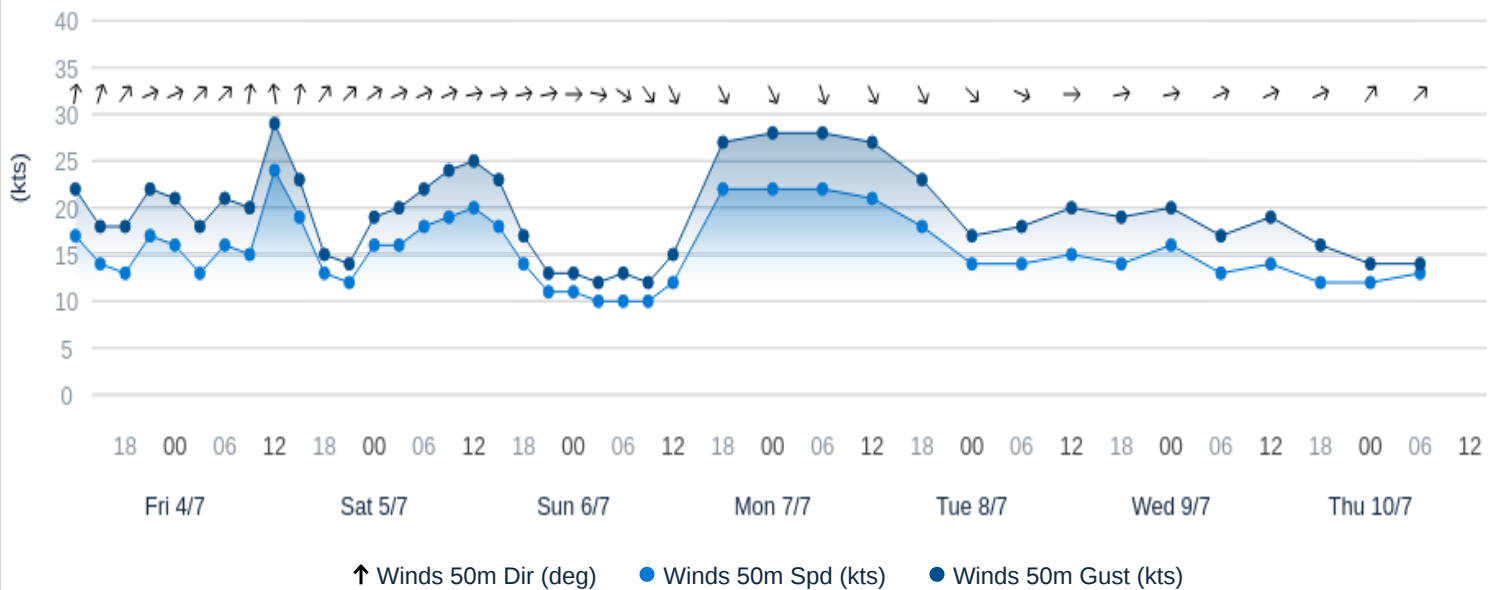
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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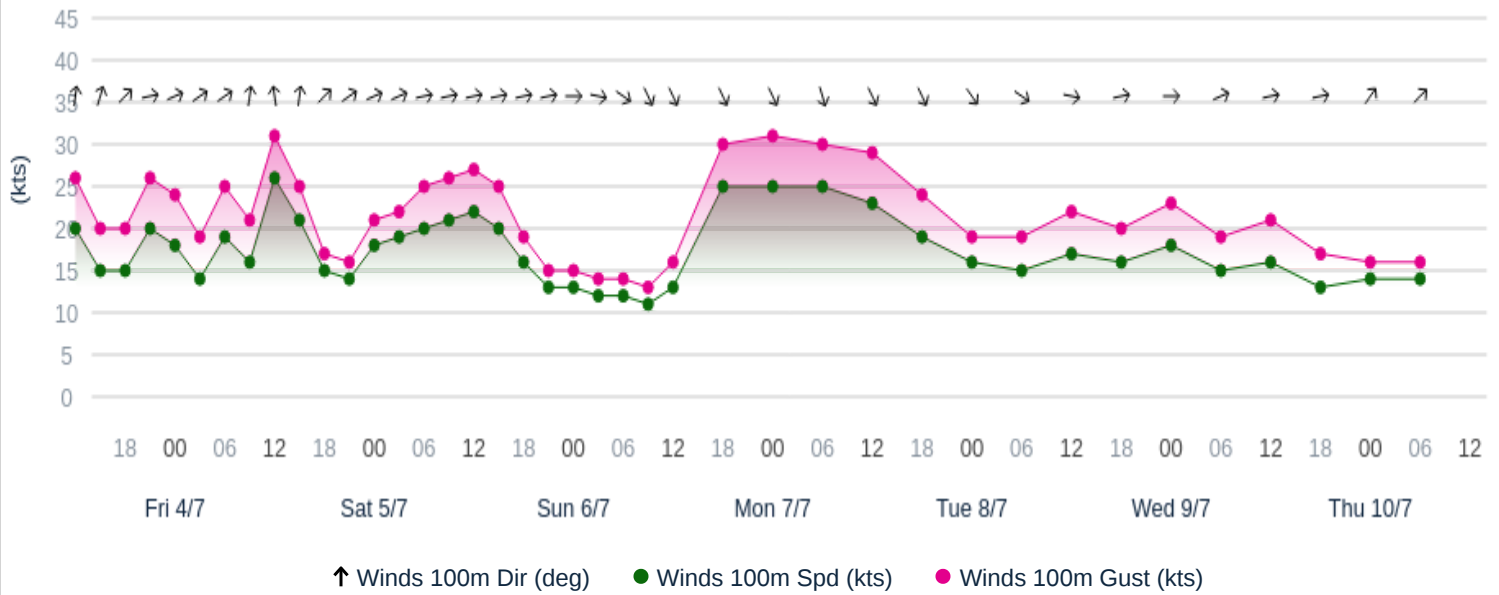
10m Wind Graph - 7 Day Scapa Flow



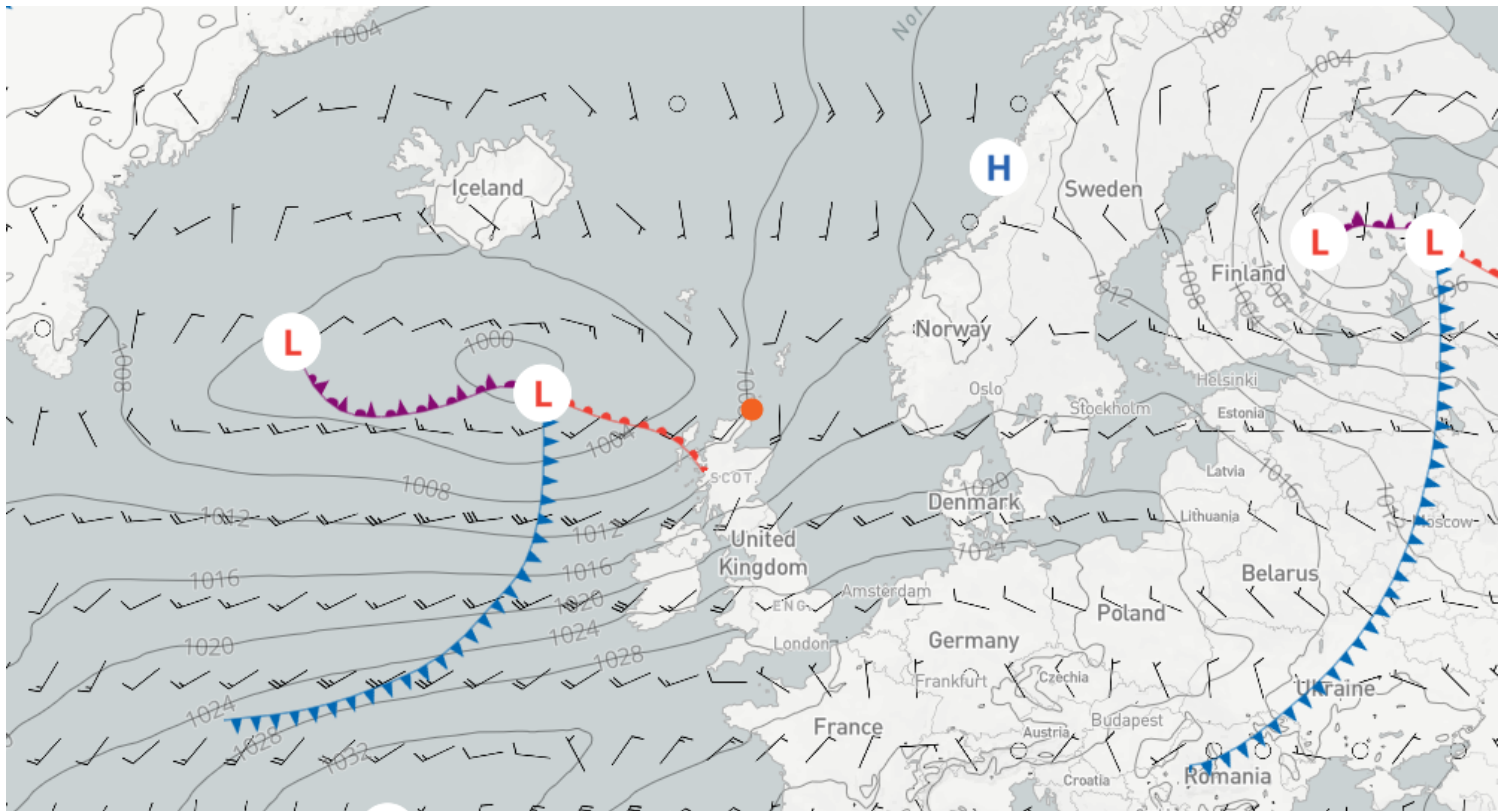
50m Wind Graph - 7 Day Scapa Flow



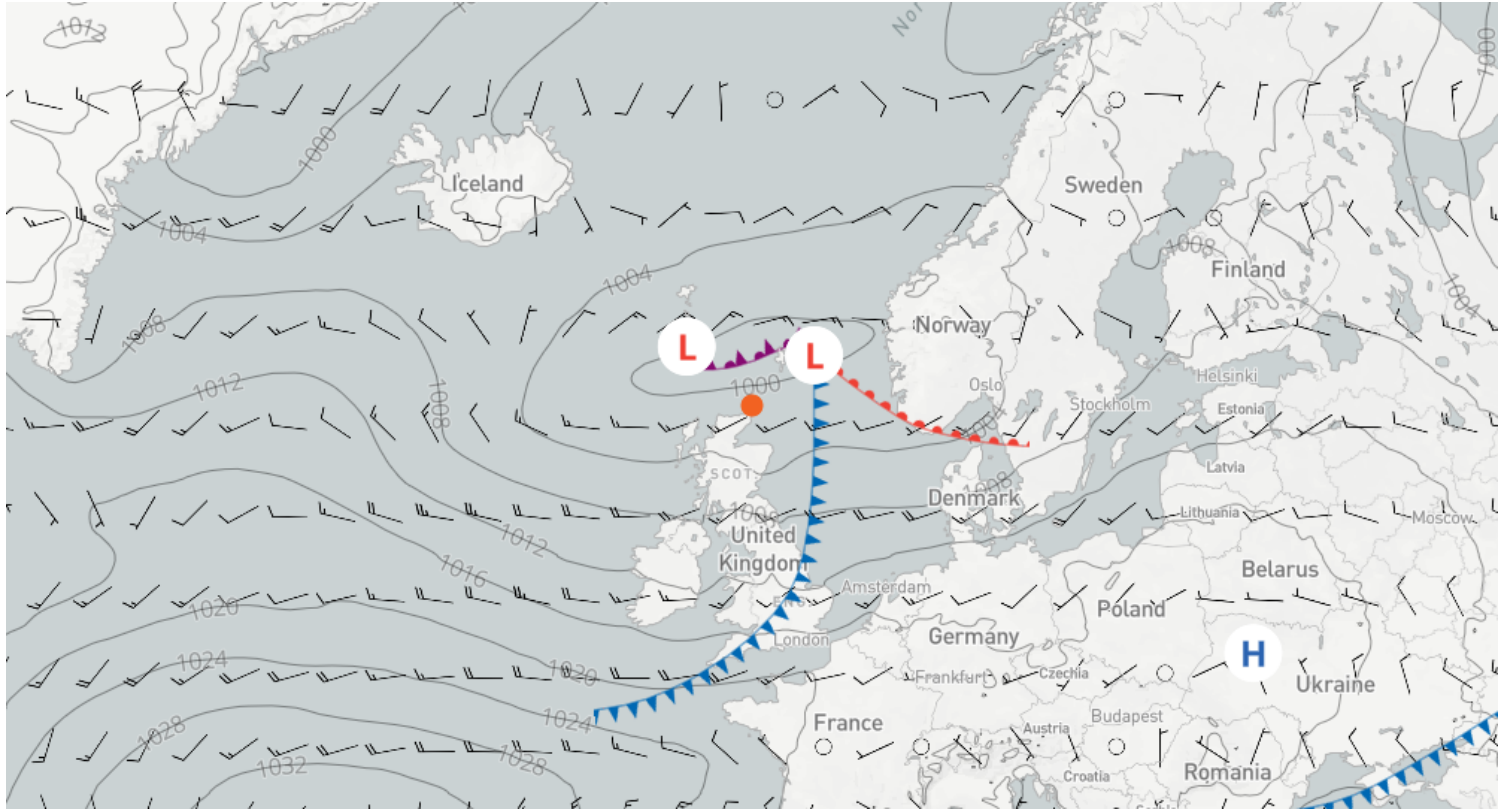
100m Wind Graph - 7 Day Scapa Flow



Issued on 03 July 2025, 12:00 UTC | Forecast for 04 July 2025, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 03 July 2025, 12:00 UTC | Forecast for 05 July 2025, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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