



Single Location Forecast - 7 Day

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

Issued on 09 August 2026, 04:01 UTC

offshore@dtm.com
+31 (0)30 8082022 (Utrecht office)
+44 (0)1224 042444 (Aberdeen office)
www.meteogroupoffshore.com

Meteorological Situation

A rather large low (990hPa) is located over the Atlantic Margin and the Norwegian Sea with influence over the northern North Sea and Scotland. Meanwhile a weaker high (1022hPa) is just east of the Azores while a stronger high (1024hPa) is over eastern Europe. During today and overnight the low will move more towards Norway while the high near the Azores will move towards Ireland. For Scapa Flow the weather is not bad, some showers could arrive during today, but most are expected more to the south. Winds are a bit changeable and mainly moderate but can increase to just fresh at the passage of the low. Monday and Tuesday are expected to be fine weather days with moderate and later light winds under the high pressure area that will be formed over the entire UK and most of the North Sea. During Wednesday the high is expected to move over Scandinavia. And that give room for a new low over the Atlantic, south of Iceland to approach Ireland and Scotland with an associated front. On Thursday and Friday this low is expected to move north. The effects of this low over Scapa Flow are expected minimal at this time with some light rain and moderate winds. Local conditions next 72 hrs: Wind: SW-ly, veering to NW, moderate, increasing to fresh, and abating to light on 10 August, whilst backing again. 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 (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 (%)	
Sunday 09 August 2026																				
03	SW	14	17	19	240	23	30	240	27	35	dz	13	13	12	10	good	84	3500	74	1006
06	SW	14	17	19	230	23	30	240	27	34	nsw	13	13	12	10	good	84	3500	40	1005
09	SW	16	19	21	250	22	29	250	25	32	nsw	14	13	13	10	good	80	2000	30	1006
12	WSW	18	20	24	260	23	30	260	25	32	nsw	14	14	13	10	good	77	2000	31	1006
15	WSW	18	20	24	270	21	27	270	23	30	nsw	14	14	13	10	good	78	3500	33	1007
18	W	16	18	22	280	21	27	280	23	30	ra	13	13	12	10	good	80	3500	47	1008
21	WNW	14	18	19	300	20	26	300	23	30	dz	12	12	11	9	good	83	3500	61	1010
Monday 10 August 2026																				
00	NW	15	19	20	300	21	27	300	24	31	nsw	12	11	11	8	good	79	3500	59	1012
03	NW	14	18	19	310	20	26	310	22	29	nsw	11	11	10	7	good	77	3500	58	1013
06	NW	14	18	19	310	19	25	310	21	28	nsw	11	11	10	7	good	74	3500	61	1015
09	NW	16	18	22	310	20	26	310	22	28	nsw	12	11	10	7	good	71	3500	68	1017
12	NW	15	17	21	310	19	25	310	20	26	nsw	12	11	11	6	good	68	3500	57	1019
15	NW	14	16	19	310	17	23	310	18	24	nsw	12	12	11	6	good	65	3500	53	1021
18	NW	11	13	16	310	14	19	320	16	20	nsw	12	11	11	6	good	65	3500	56	1022
21	NW	7	10	9	320	11	13	320	12	15	nsw	11	11	10	6	good	71	3500	67	1024
Tuesday 11 August 2026																				
00	NW	4	7	6	310	6	8	310	7	9	nsw	11	11	11	7	good	74	3500	66	1024
03	W	1	4	3	290	3	5	300	3	5	nsw	11	11	11	7	good	76	3500	68	1024
06	SSE	3	4	5	170	4	6	170	5	7	nsw	12	11	11	7	good	75	nlc	69	1025
09	SSE	8	9	11	160	9	13	160	10	13	nsw	13	12	12	7	good	70	nlc	65	1025



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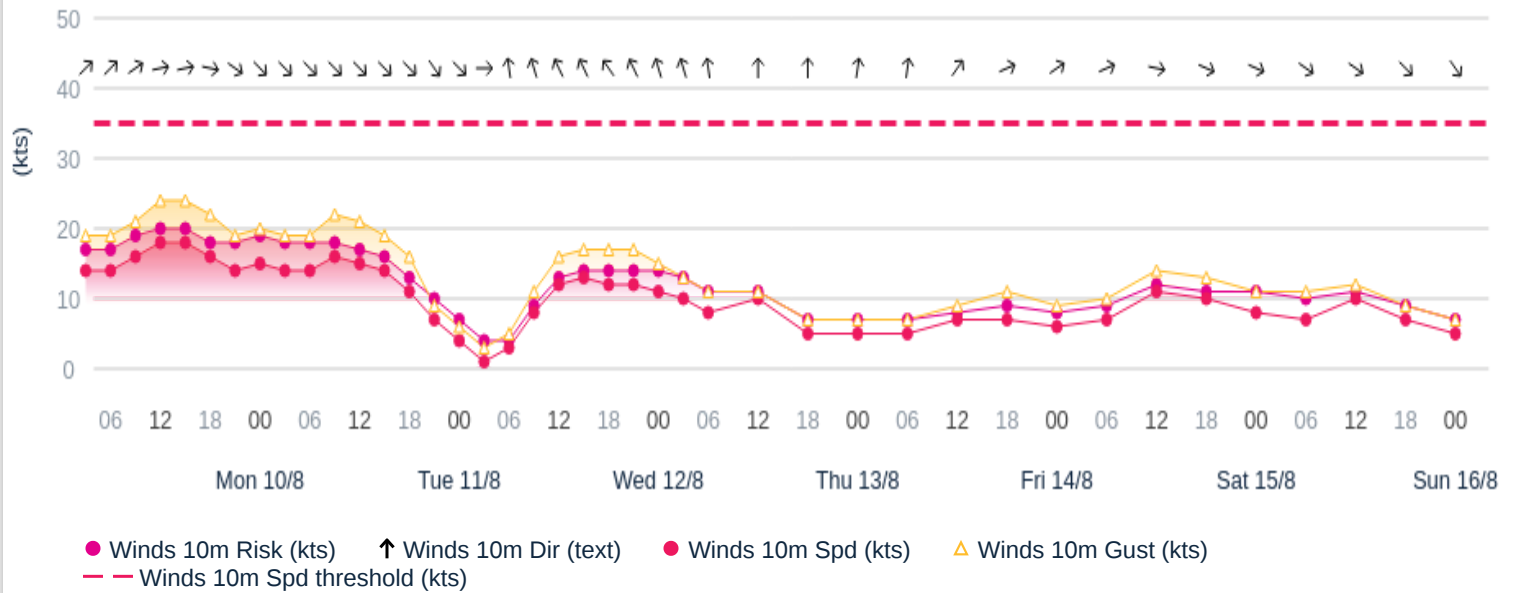
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
12	SSE	12	13	16	150	14	18	150	15	19	nsw	13	13	12	8	good	72	nlc	66	1024
15	SSE	13	14	17	150	16	20	150	17	21	nsw	14	13	13	10	good	79	nlc	54	1023
18	SE	12	14	17	150	17	23	150	20	25	nsw	14	14	13	12	good	87	nlc	71	1022
21	SSE	12	14	17	150	18	23	150	21	26	nsw	14	14	13	13	good	93	nlc	76	1021
Wednesday 12 August 2026																				
00	SSE	11	14	15	160	17	21	160	20	24	nsw	14	14	14	13	good	92	nlc	68	1019
03	SSE	10	13	13	170	15	19	170	18	21	nsw	15	15	15	13	good	91	nlc	71	1018
06	SSE	8	11	11	180	13	16	180	15	18	nsw	15	15	16	13	good	89	nlc	73	1017
12	S	10	11	11	190	11	14	200	12	14	nsw	17	19	21	14	good	80	nlc	44	1017
18	S	5	7	7	200	6	8	220	7	9	nsw	17	18	20	15	good	88	nlc	57	1017
Thursday 13 August 2026																				
00	S	5	7	7	200	7	9	210	8	10	shra	16	17	19	15	mod	93	1000	67	1017
06	S	5	7	7	200	9	11	200	11	13	ra	16	17	18	15	md/gd	95	nlc	70	1016
12	SW	7	8	9	240	10	13	260	11	14	ra	17	17	18	14	md/gd	84	200	62	1016
18	WSW	7	9	11	260	11	15	270	13	16	ra	16	16	17	14	good	89	3500	58	1017
Friday 14 August 2026																				
00	SW	6	8	9	250	12	14	260	14	16	ra	15	15	15	13	good	91	3500	58	1018
06	WSW	7	9	10	260	11	13	270	13	15	dz	14	14	14	13	good	92	1000	75	1018
12	W	11	12	14	280	12	15	270	12	16	nsw	15	15	14	12	good	83	2000	45	1019
18	WNW	10	11	13	290	10	13	300	10	13	dz	14	14	14	12	good	88	1000	46	1019
Saturday 15 August 2026																				
00	WNW	8	11	11	280	10	13	270	11	14	dz	13	13	13	12	good	89	1000	68	1019
06	WNW	7	10	11	300	9	13	300	10	13	dz	13	13	12	11	good	88	2000	61	1019
12	WNW	10	11	12	310	10	12	310	9	12	dz	14	14	13	11	good	80	2000	55	1018
18	NW	7	9	9	320	7	9	330	7	9	dz	14	13	13	10	good	81	3500	60	1018
Sunday 16 August 2026																				
00	NW	5	7	7	330	6	8	340	6	8	dz	13	12	12	10	good	84	3500	56	1018

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

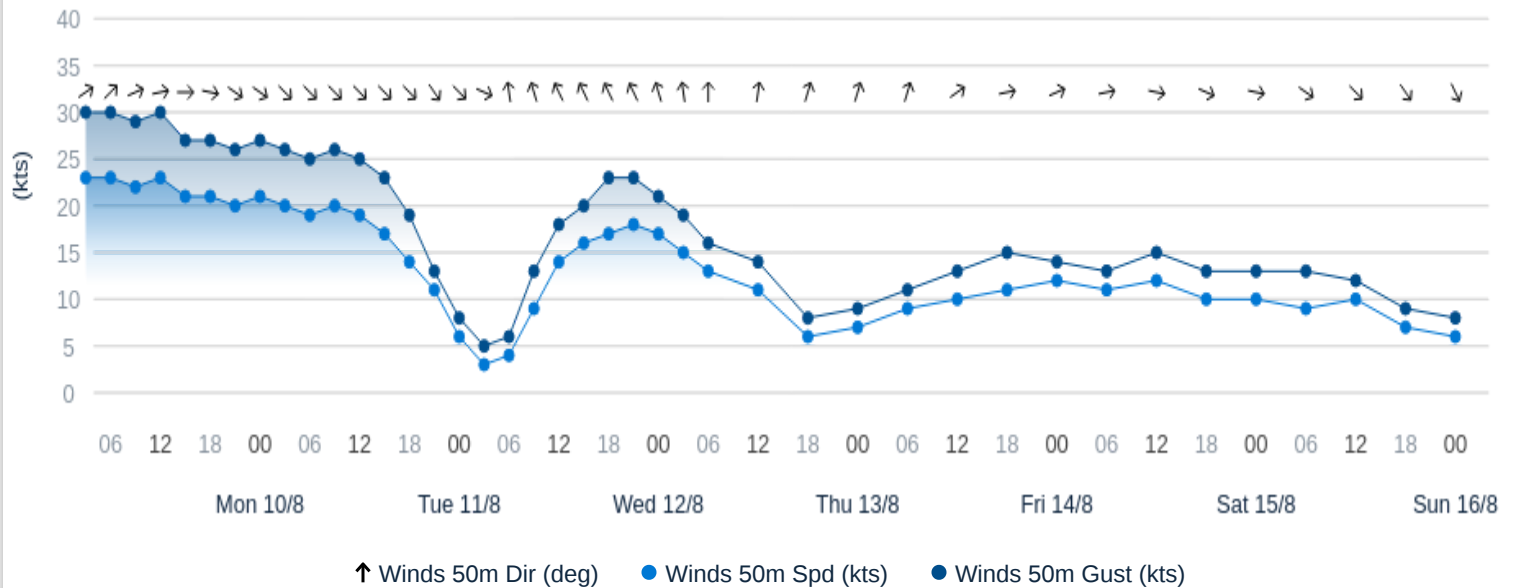
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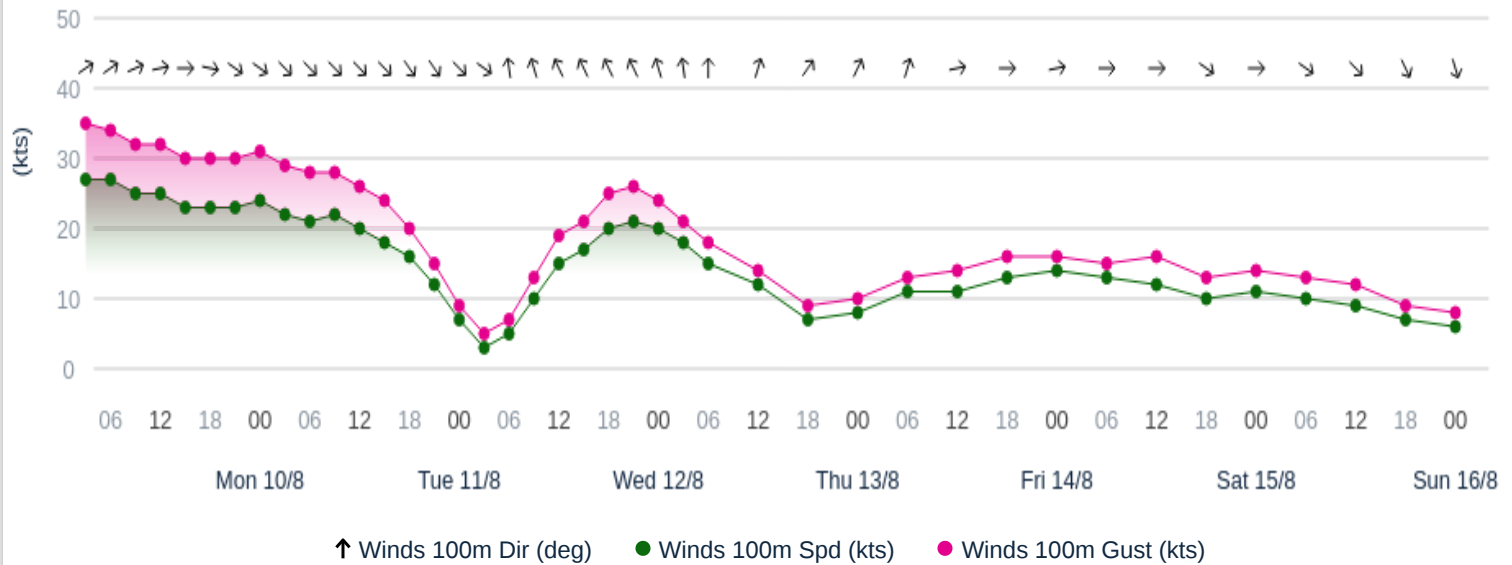
10m Wind Graph - 7 Day Scapa Flow



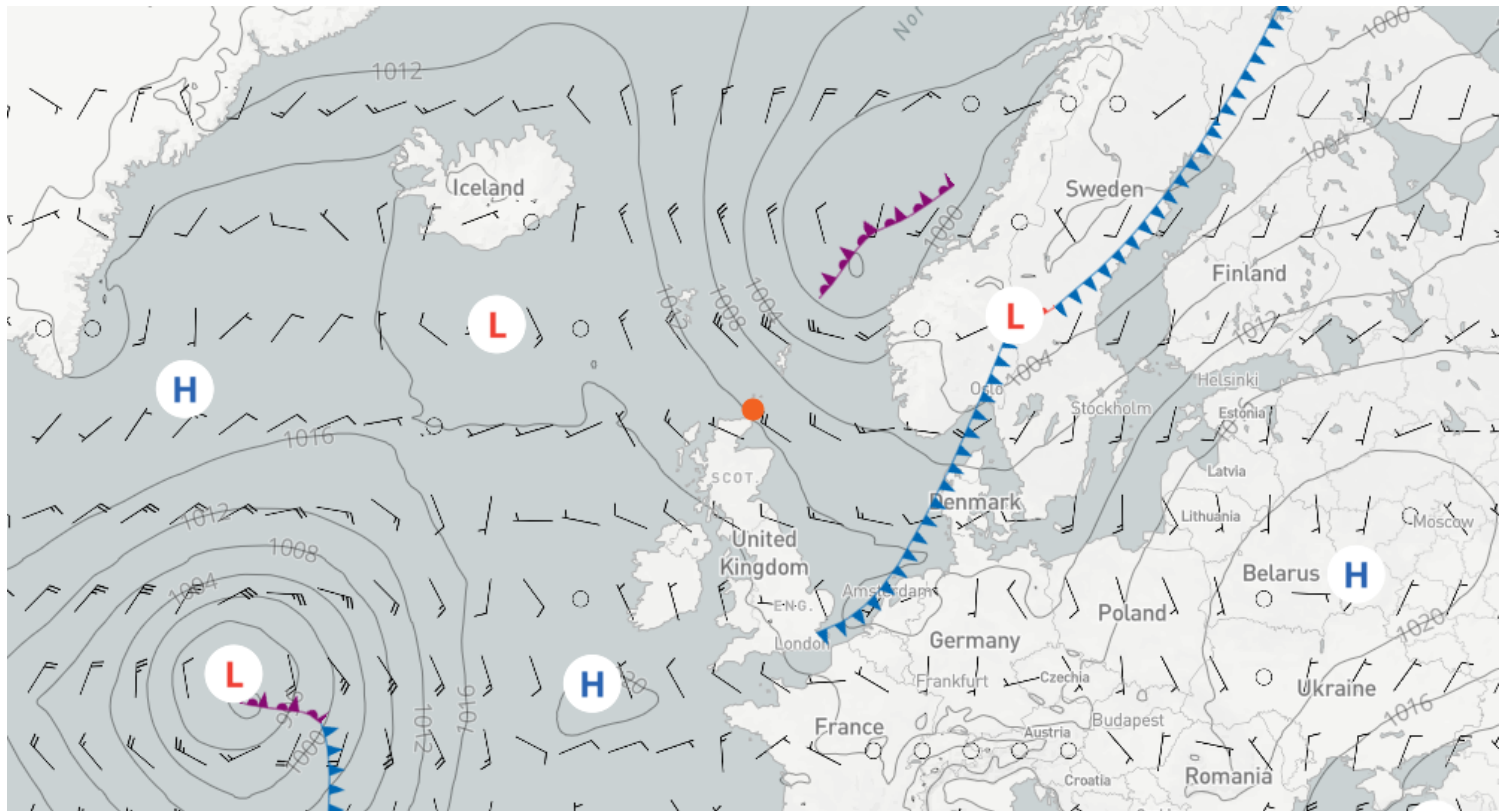
50m Wind Graph - 7 Day Scapa Flow



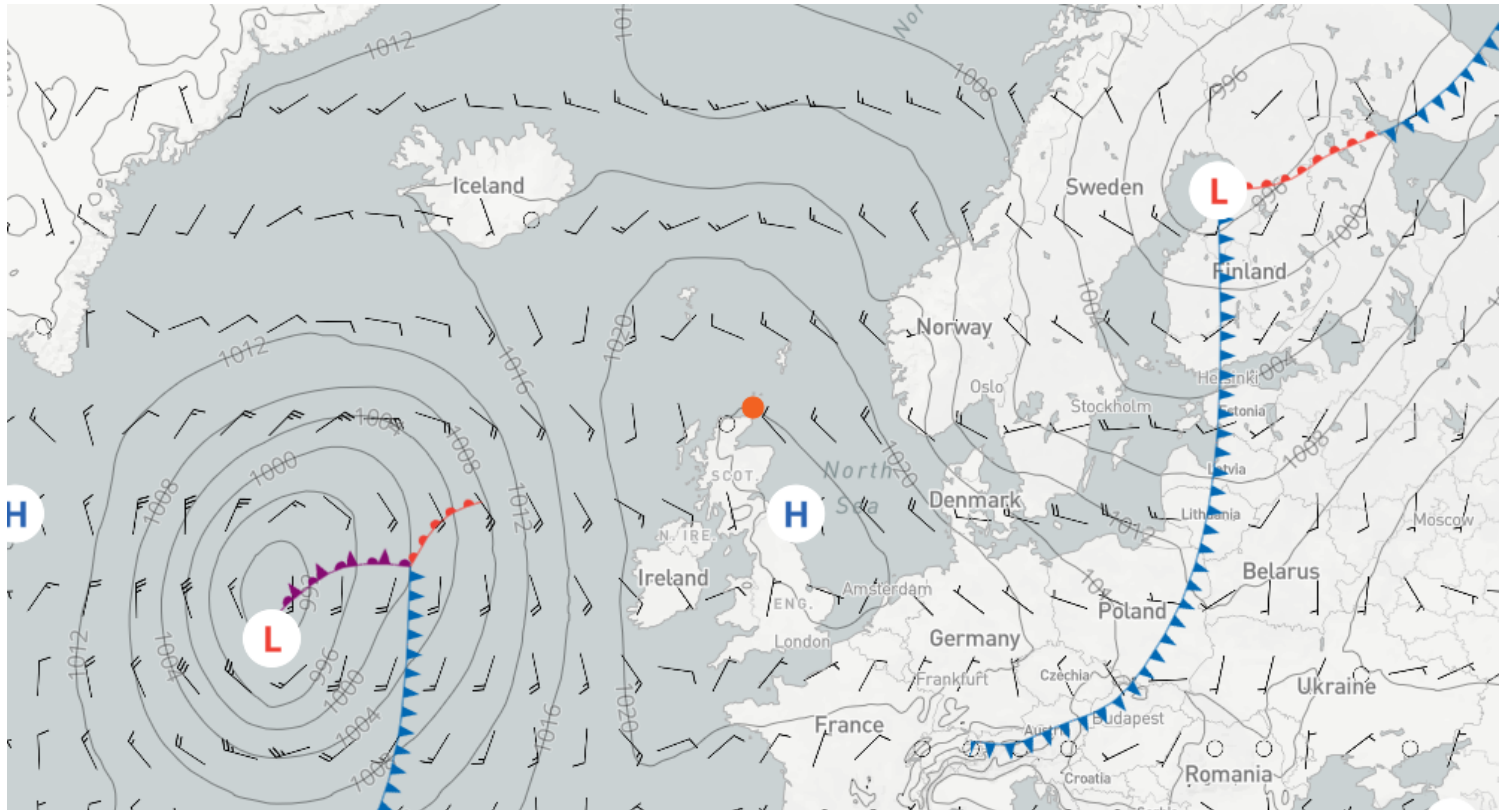
100m Wind Graph - 7 Day Scapa Flow



Issued on 09 August 2026, 00:00 UTC | Forecast for 10 August 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 09 August 2026, 00:00 UTC | Forecast for 11 August 2026, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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