



Single Location Forecast - 7 Day

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

Issued on 10 August 2026, 04:01 UTC

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Meteorological Situation

A zone of high pressure is stretched from south of the Azores (1022hPa) via Ireland (1020hPa) towards Iceland (1017hPa). Meanwhile a large low is over the Atlantic (989hPa), while a second low is over the Norwegian Sea (996-1000hPa) and Scandinavia. Scapa Flow is expected to have fine weather today and tomorrow. Winds are mainly moderate, at times fresh from the NE. High pressure is expected to expand over the UK while building. As a result winds will decrease during today. Tomorrow the high will linger first and is later on the day expected to move east. The low over the Atlantic will then slowly move towards Iceland. This will result in showers over Scapa Flow on Wednesday with later in the day risk of thunder and winds increase to mainly fresh from the S to SSE, later veering SW as the low is expected to deepen a trough into the northern Atlantic Margin. In the night to Thursday are still shower with risk of thunder expected as well as Friday morning. There showers can become very heavy with a lot of thunder and lighting and gusty winds within. Winds are expected to decrease to moderate later on Friday when to low is expected to fill. On Saturday the weather is expected to be calmer with mainly light rain at times. That is also expected next Sunday. Local conditions next 72 hrs: Wind: NW-ly, fresh. Sea temperature: 13-14C.

Warnings (next 24 Hours)

Gale
● Nil

Wind Shear
● Nil

Lightning Risk
● Low

Confidence
● Low

Criteria Levels

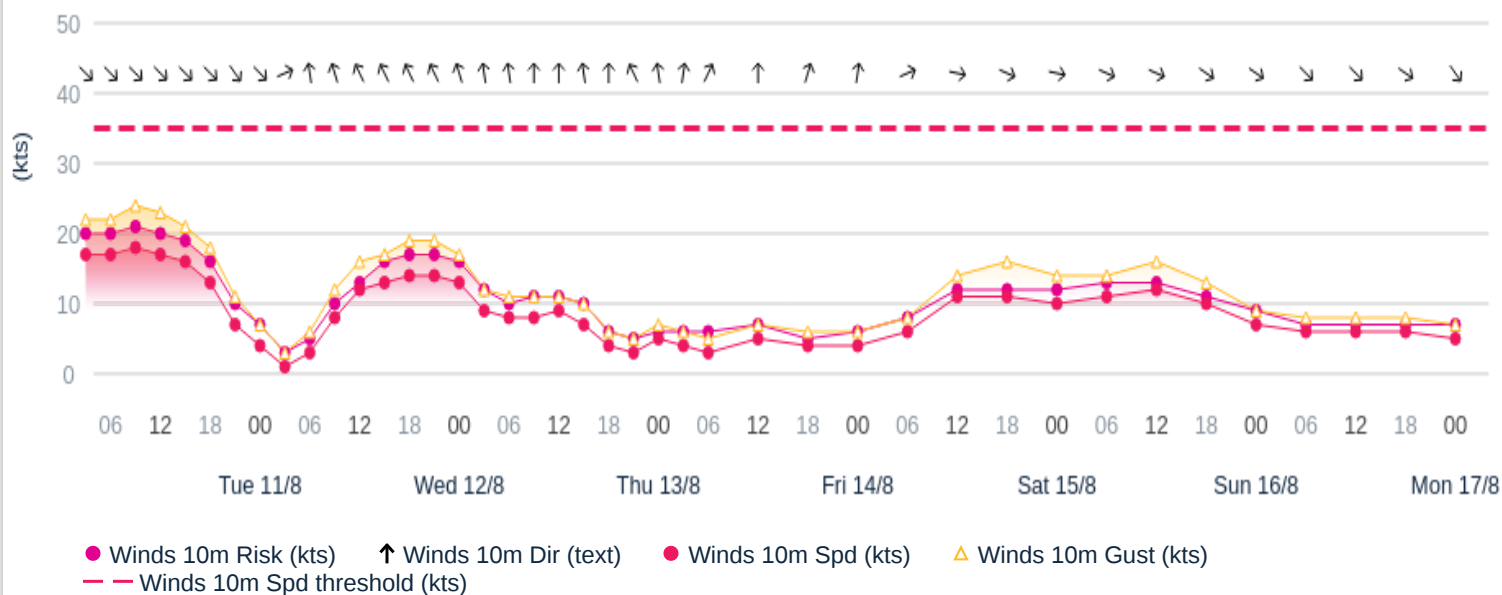
Winds 10m Spd
35 kts

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 (%)	
Monday 10 August 2026																				
03	NW	17	20	22	310	24	31	310	26	33	nsw	11	11	10	8	good	79	3500	56	1013
06	NW	17	20	22	310	23	30	310	25	32	nsw	11	11	10	6	good	73	3500	59	1015
09	NW	18	21	24	310	22	29	310	24	31	dz	12	11	10	7	good	70	3500	64	1017
12	NW	17	20	23	310	21	27	310	23	30	nsw	12	11	11	6	good	68	3500	54	1019
15	NW	16	19	21	310	21	27	310	22	29	nsw	12	12	11	6	good	64	3500	54	1021
18	NW	13	16	18	310	17	22	320	18	24	nsw	12	12	11	6	good	66	3500	54	1022
21	NW	7	10	11	310	11	15	310	13	18	nsw	11	11	10	6	good	72	3500	56	1023
Tuesday 11 August 2026																				
00	NW	4	7	7	310	8	12	310	9	13	nsw	11	11	11	7	good	76	3500	59	1024
03	WSW	1	3	3	270	3	6	290	4	7	nsw	11	11	11	7	good	78	3500	55	1024
06	SSE	3	5	6	170	4	7	180	5	8	nsw	12	11	11	7	good	75	nlc	74	1025
09	SSE	8	10	12	160	10	14	170	10	14	nsw	13	12	12	8	good	72	nlc	77	1025
12	SSE	12	13	16	160	14	19	160	15	20	nsw	13	13	12	9	good	75	nlc	77	1024
15	SSE	13	16	17	150	16	21	150	18	24	nsw	14	13	13	11	good	82	nlc	64	1023
18	SSE	14	17	19	150	20	26	150	22	28	nsw	14	14	13	12	good	86	nlc	64	1022
21	SSE	14	17	19	150	21	27	150	25	32	nsw	14	14	13	13	good	93	nlc	63	1021
Wednesday 12 August 2026																				
00	SSE	13	16	17	160	18	23	160	21	27	nsw	14	14	14	13	good	93	nlc	64	1020
03	SSE	9	12	12	170	14	18	180	16	21	nsw	14	14	14	13	good	95	nlc	60	1019
06	SSE	8	10	11	180	11	15	190	13	17	nsw	15	15	16	13	good	91	nlc	68	1018
09	S	8	11	11	180	11	13	190	12	14	nsw	16	17	18	13	good	85	nlc	60	1018

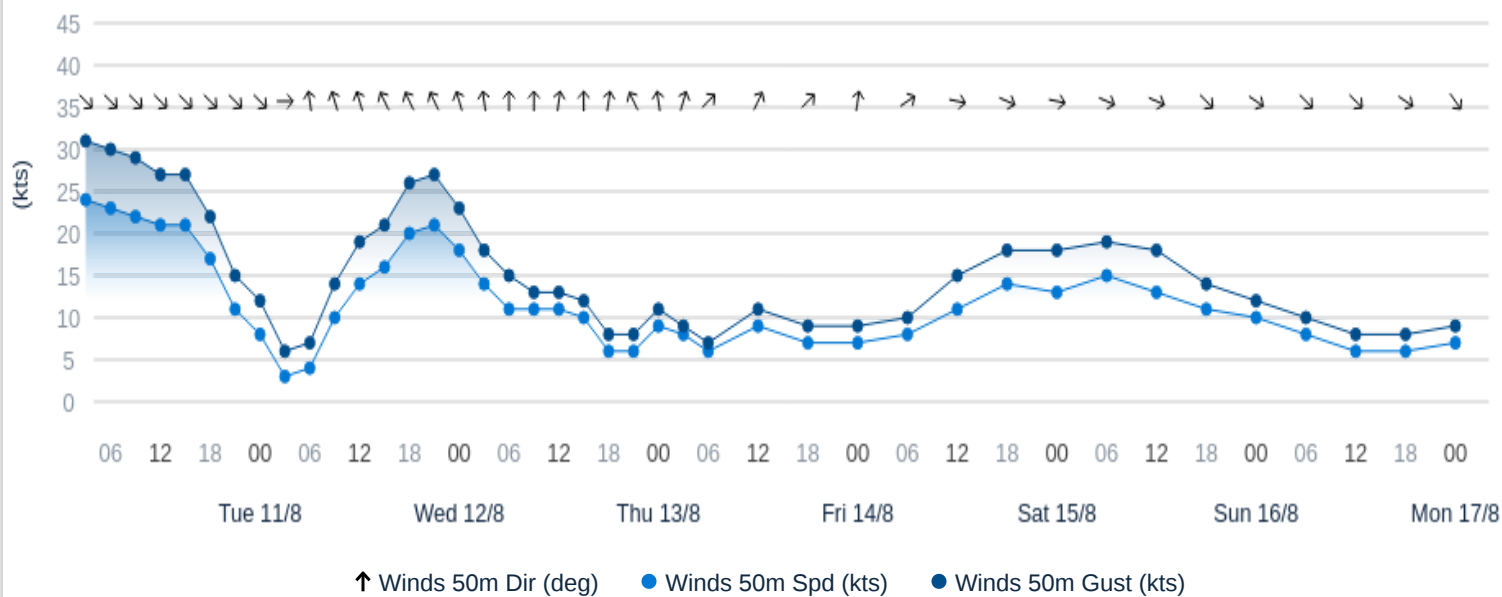
Winds											Weather										
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)	
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)		
12	S	9	11	11	190	11	13	190	12	14	nsw	17	19	21	14	good	82	nlc	55	1018	
15	SSE	7	10	10	180	10	12	180	11	13	nsw	17	19	21	14	good	82	3500	60	1018	
18	S	4	6	6	190	6	8	200	7	9	nsw	17	18	19	14	good	86	3500	68	1019	
21	SSE	3	5	5	150	6	8	150	7	9	shra	16	17	18	15	md/gd	92	2000	71	1019	
Thursday 13 August 2026																					
00	SSE	5	6	7	170	9	11	170	11	13	shra	16	17	19	15	good	91	nlc	68	1019	
03	S	4	6	6	200	8	9	210	9	11	shra	16	17	18	15	good	93	nlc	68	1019	
06	SSW	3	6	5	230	6	7	240	6	8	shra	16	16	17	15	good	94	nlc	68	1018	
12	S	5	7	7	210	9	11	240	10	12	shra	17	18	19	15	md/gd	90	nlc	74	1019	
18	SSW	4	5	6	230	7	9	260	8	10	ra	16	16	17	15	md/gd	95	500	70	1018	
Friday 14 August 2026																					
00	S	4	6	6	190	7	9	190	9	11	ra	15	16	16	15	mod	97	100	77	1016	
06	WSW	6	8	8	240	8	10	240	9	11	ra	15	15	16	14	mod	98	500	72	1014	
12	W	11	12	14	280	11	15	290	12	16	ra	15	15	15	14	good	90	200	67	1014	
18	WNW	11	12	16	290	14	18	300	15	19	dz	14	14	14	13	good	89	1000	64	1015	
Saturday 15 August 2026																					
00	W	10	12	14	280	13	18	280	15	19	dz	13	13	13	13	good	94	1000	64	1015	
06	WNW	11	13	14	290	15	19	290	17	20	dz	13	13	12	12	good	90	1000	61	1016	
12	WNW	12	13	16	290	13	18	290	14	18	dz	14	14	13	11	good	83	2000	77	1017	
18	WNW	10	11	13	310	11	14	310	11	14	dz	14	13	13	11	good	86	500	72	1017	
Sunday 16 August 2026																					
00	WNW	7	9	9	300	10	12	300	12	14	dz	13	12	12	10	good	85	1000	72	1017	
06	NW	6	7	8	310	8	10	310	9	11	dz	13	12	12	10	good	82	1000	65	1016	
12	NW	6	7	8	310	6	8	310	5	8	dz	14	13	13	9	good	72	3500	58	1018	
18	WNW	6	7	8	300	6	8	310	7	9	dz	13	13	12	9	good	75	2000	59	1019	
Monday 17 August 2026																					
00	NW	5	7	7	320	7	9	320	8	10	dz	13	12	12	10	good	83	3500	66	1020	

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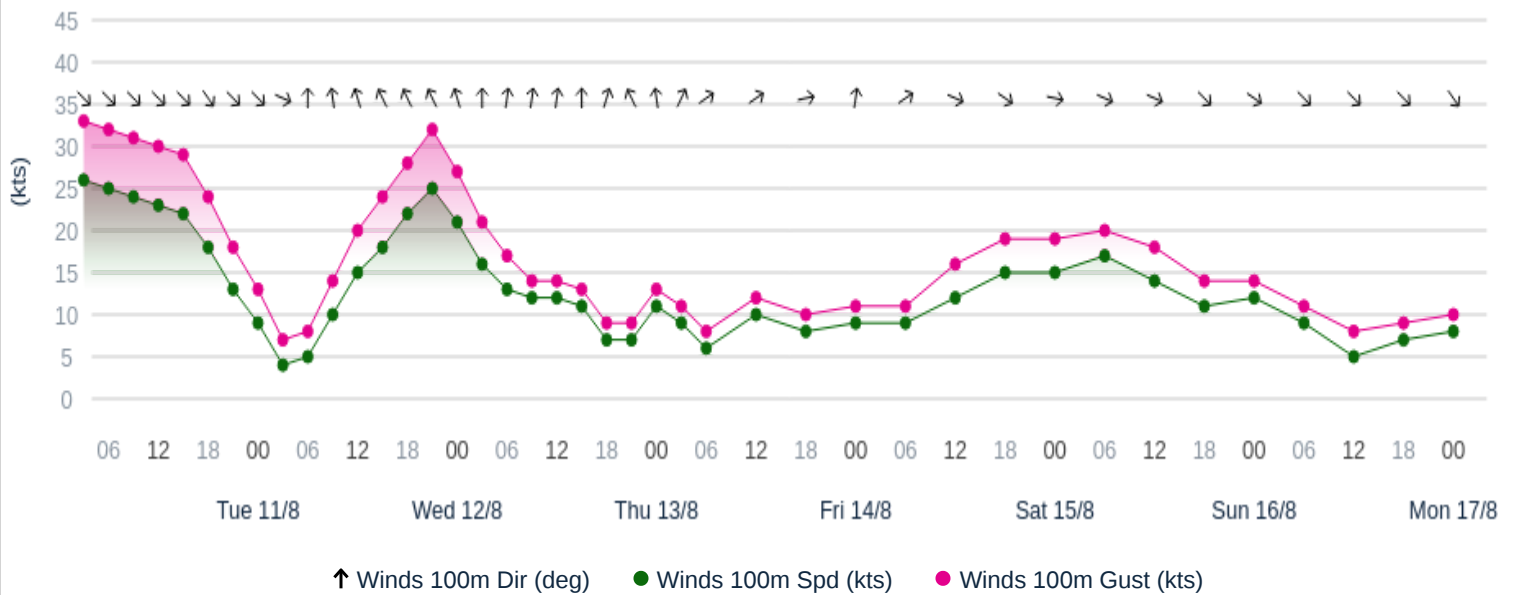
10m Wind Graph - 7 Day Scapa Flow



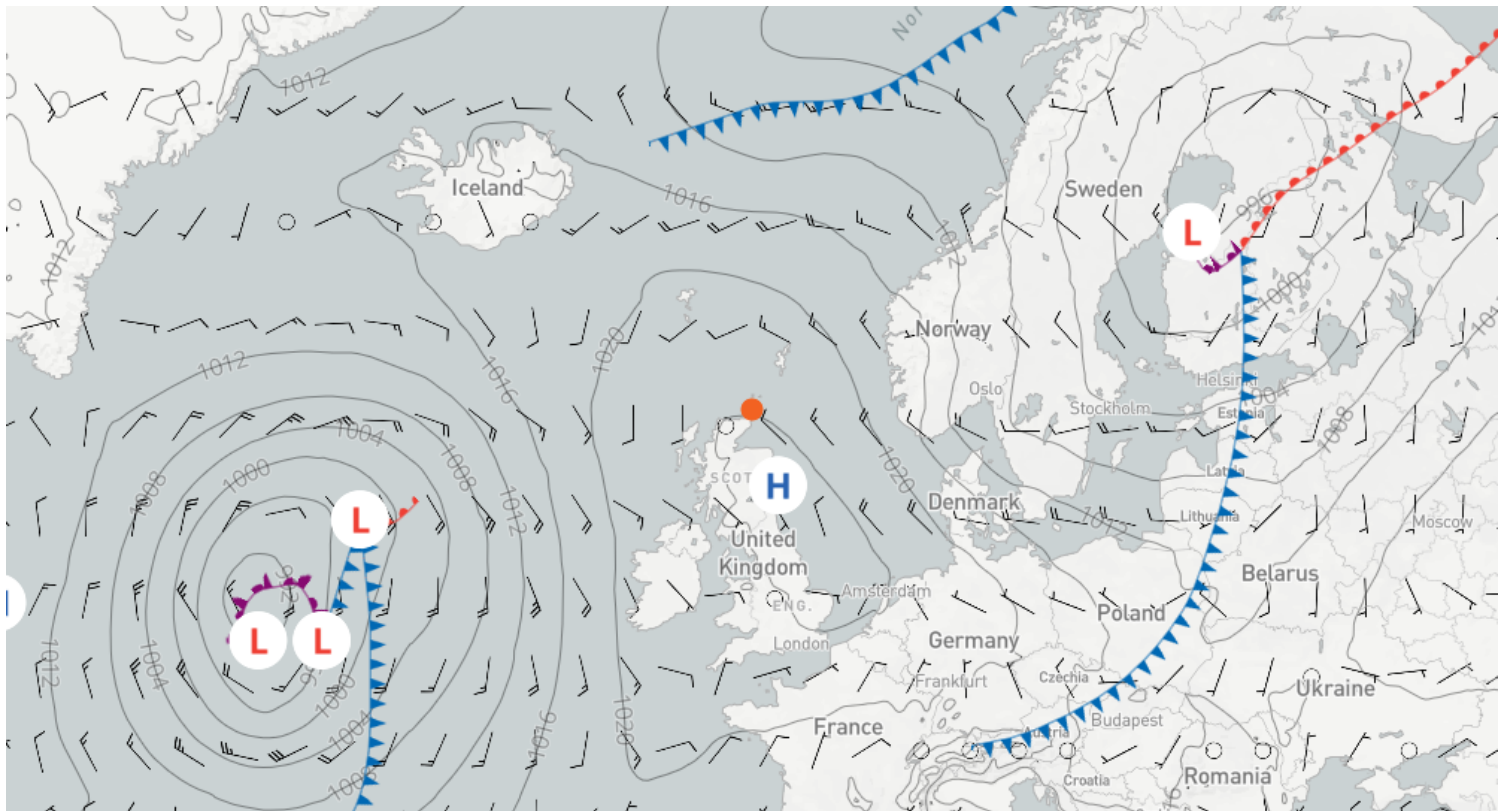
50m Wind Graph - 7 Day Scapa Flow



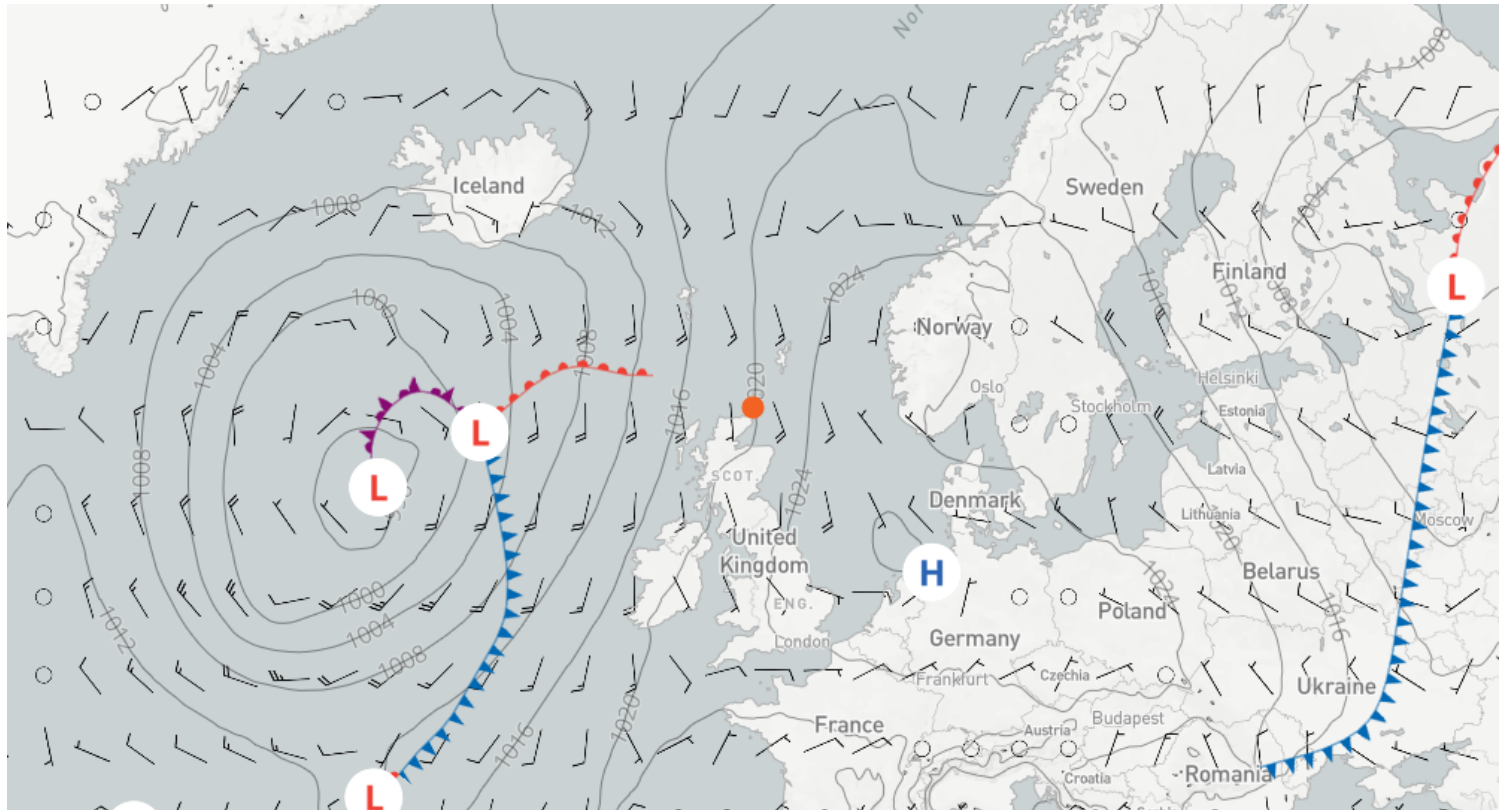
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 10 August 2026, 00:00 UTC | Forecast for 11 August 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 10 August 2026, 00:00 UTC | Forecast for 12 August 2026, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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