



Single Location Forecast - 7 Day

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

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Issued on 11 August 2026, 04:01 UTC

Meteorological Situation

The centre (1026hPa) of a high pressure area is located over the central North Sea, and has a ridge into the western continent. During today the centre is expected to slowly move east while the high is expected to expand with a ridge into England as well. Meanwhile low pressure is over Finland and Russia (994hPa), while another low is over the Atlantic (989hPa). Fronts are kept on distance by the high and today fine weather is expected over Scapa Flow with light to moderate winds. During Wednesday the Atlantic-low is expected to move towards Iceland and its frontal system is then expected to approach Ireland and Scotland. During the day that could result in some light rain, while in the evening showers are expected over or near Scapa Flow. On Thursday the low is expected to move further north while filing. The gradient will decrease and winds over the area remain moderate. The most heavy showers are expected to move further north of your site while yesterday there were expected overhead. This means that the weather on Thursday is not that bad. Three is some rain expected as well as some showers. On Friday a ridge is expected to move into northern England from the southwest. The weather over Scapa Flow is expected to be fair then but winds are expected to be fresh as the gradient is expected to increase over Scotland. The weekend and Monday is expected to have fair weather as well. Local conditions next 72 hrs: Wind: SSE-ly, light, increasing to moderate. Visibility: temporarily moderate/poor. 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 (%)	
Tuesday 11 August 2026																				
03	S	6	9	9	220	9	12	260	9	13	nsw	11	11	11	8	good	82	3500	52	1024
06	SSE	8	11	12	180	10	14	180	11	15	nsw	12	11	11	8	good	78	nlc	73	1025
09	SSE	11	14	15	160	13	18	160	13	18	nsw	13	12	12	8	good	74	nlc	78	1024
12	SSE	13	15	18	160	16	21	160	17	22	nsw	13	13	12	9	good	77	nlc	77	1024
15	SSE	13	14	17	150	17	22	150	19	23	nsw	14	14	13	11	good	82	3500	68	1023
18	SSE	12	14	18	150	18	23	150	20	25	nsw	14	14	13	12	good	87	3500	53	1022
21	SSE	12	15	17	150	19	24	150	22	27	nsw	14	13	13	12	good	93	nlc	72	1021
Wednesday 12 August 2026																				
00	SSE	11	14	16	160	18	22	160	20	25	nsw	14	14	14	13	good	93	nlc	51	1020
03	SSE	8	11	11	170	14	17	170	16	19	nsw	14	14	14	13	good	95	nlc	74	1019
06	S	6	8	8	180	11	13	180	13	15	nsw	14	15	15	13	good	90	nlc	76	1018
09	S	7	10	10	180	11	13	190	12	15	nsw	16	16	17	13	good	84	nlc	68	1018
12	S	7	9	10	180	9	12	190	10	13	nsw	17	19	21	14	good	81	nlc	59	1018
15	SSE	6	8	9	180	9	11	190	10	12	ra	18	19	21	15	good	82	3500	60	1018
18	SSE	4	5	6	190	6	8	200	7	9	nsw	17	18	19	15	good	87	3500	72	1018
21	SE	2	4	4	150	7	9	160	9	11	shra	16	17	19	14	good	92	nlc	72	1019
Thursday 13 August 2026																				
00	SSE	3	5	5	180	6	8	200	7	9	nsw	16	17	19	15	good	92	3500	69	1019
03	S	4	5	6	200	7	9	230	9	11	nsw	15	16	17	15	md/gd	95	3500	71	1018
06	S	3	5	4	220	5	7	240	6	8	nsw	15	16	17	15	md/gd	95	nlc	76	1018



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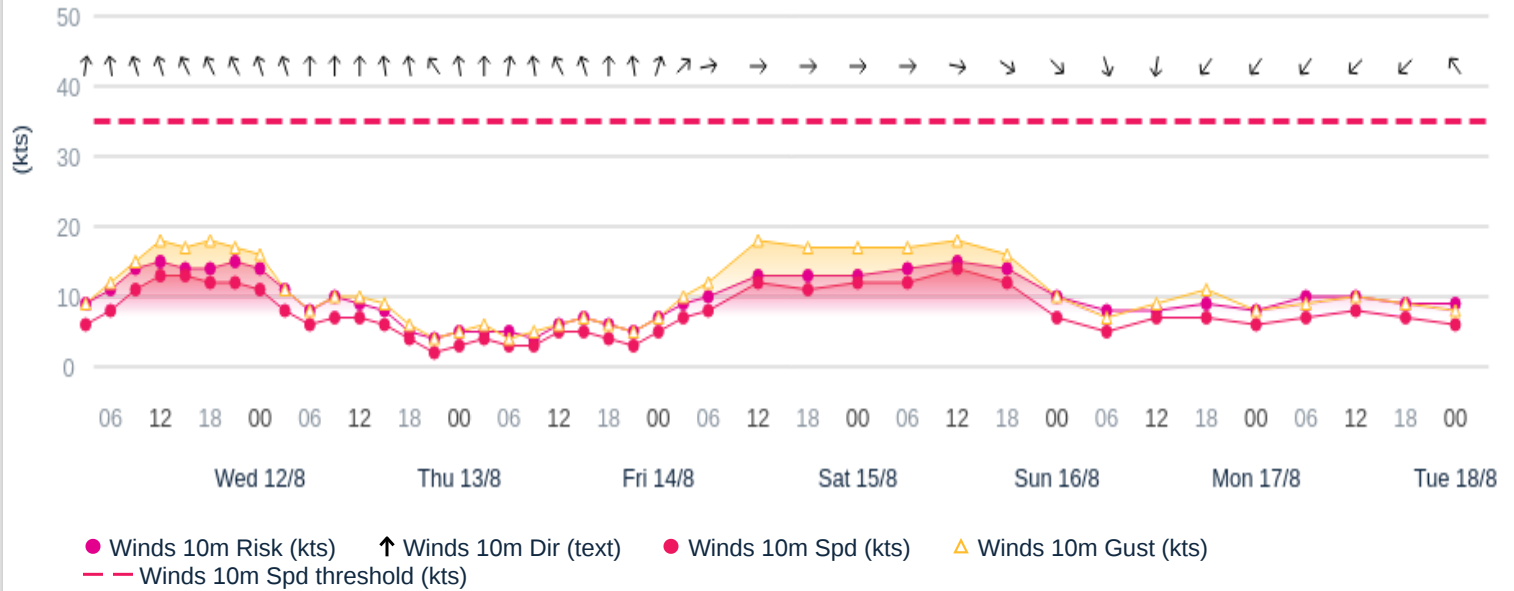
Issued on 11 August 2026, 04:01 UTC

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)
09	SSE	3	4	5	190	4	6	200	5	7	nsw	16	17	17	15	md/gd	91	nlc	76	1018
12	SSE	5	6	6	160	7	9	170	8	10	nsw	16	17	18	15	mod	89	nlc	76	1017
15	SSE	5	7	7	160	9	11	160	11	13	shra	16	17	17	15	pr/mod	91	2000	76	1016
18	S	4	6	6	180	8	10	170	10	11	shra	16	16	17	15	mod	95	1000	67	1015
21	SSE	3	5	5	180	7	9	190	9	11	shra	15	16	17	15	mod	98	500	64	1014
Friday 14 August 2026																				
00	SSW	5	7	7	210	10	12	220	12	14	ra	15	16	17	15	pr/mod	97	100	63	1013
03	SW	7	9	10	240	13	16	240	15	18	dz	15	15	16	14	pr/mod	97	200	69	1013
06	WSW	8	10	12	270	15	19	270	18	22	dz	14	14	14	14	md/gd	96	500	75	1012
12	W	12	13	18	270	16	21	270	17	23	dz	15	15	15	13	good	86	2000	67	1013
18	W	11	13	17	270	14	20	270	16	21	dz	15	14	14	12	good	87	nlc	43	1013
Saturday 15 August 2026																				
00	W	12	13	17	270	16	21	280	18	23	ra	14	13	13	13	good	94	1000	73	1013
06	W	12	14	17	280	17	23	280	20	24	ra	13	13	13	12	md/gd	92	1000	77	1013
12	W	14	15	18	280	16	21	290	17	22	ra	14	14	13	12	good	86	500	65	1013
18	WNW	12	14	16	300	14	17	310	15	18	dz	14	13	13	12	good	87	1000	63	1014
Sunday 16 August 2026																				
00	NW	7	10	10	320	9	12	330	10	13	dz	13	12	12	10	good	86	2000	61	1015
06	NNW	5	8	7	350	7	9	0	7	9	dz	12	12	11	9	good	81	2000	59	1015
12	N	7	8	9	10	8	10	10	9	11	dz	14	13	12	9	good	74	3500	61	1016
18	NE	7	9	11	30	10	13	30	11	15	dz	13	13	12	10	good	79	3500	55	1016
Monday 17 August 2026																				
00	NE	6	8	8	30	10	12	30	11	13	nsw	13	12	12	10	good	84	nlc	66	1017
06	NE	7	10	9	30	10	12	10	11	13	dz	12	12	11	10	good	85	1000	62	1018
12	NE	8	10	10	40	8	10	40	7	10	dz	13	13	12	9	good	77	2000	53	1021
18	NE	7	9	9	70	7	9	80	6	9	dz	13	13	12	10	good	79	1000	46	1022
Tuesday 18 August 2026																				
00	SE	6	9	8	140	9	11	150	10	13	dz	13	12	12	10	good	82	2000	59	1021

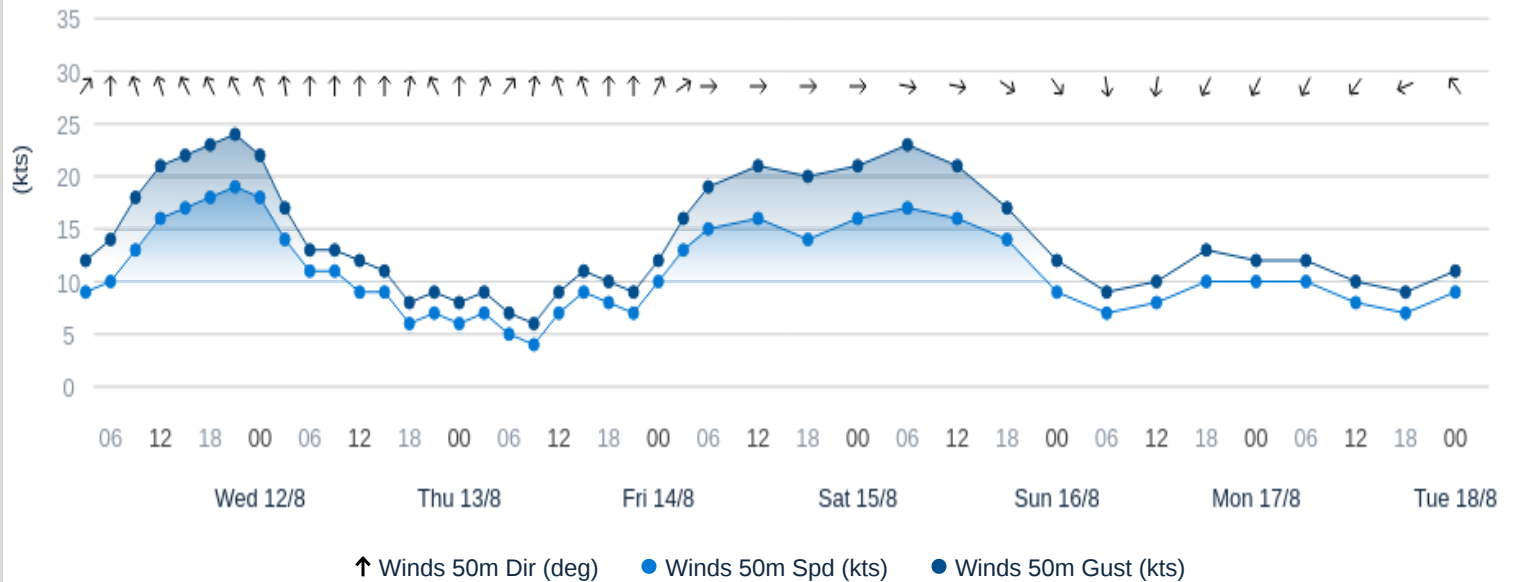
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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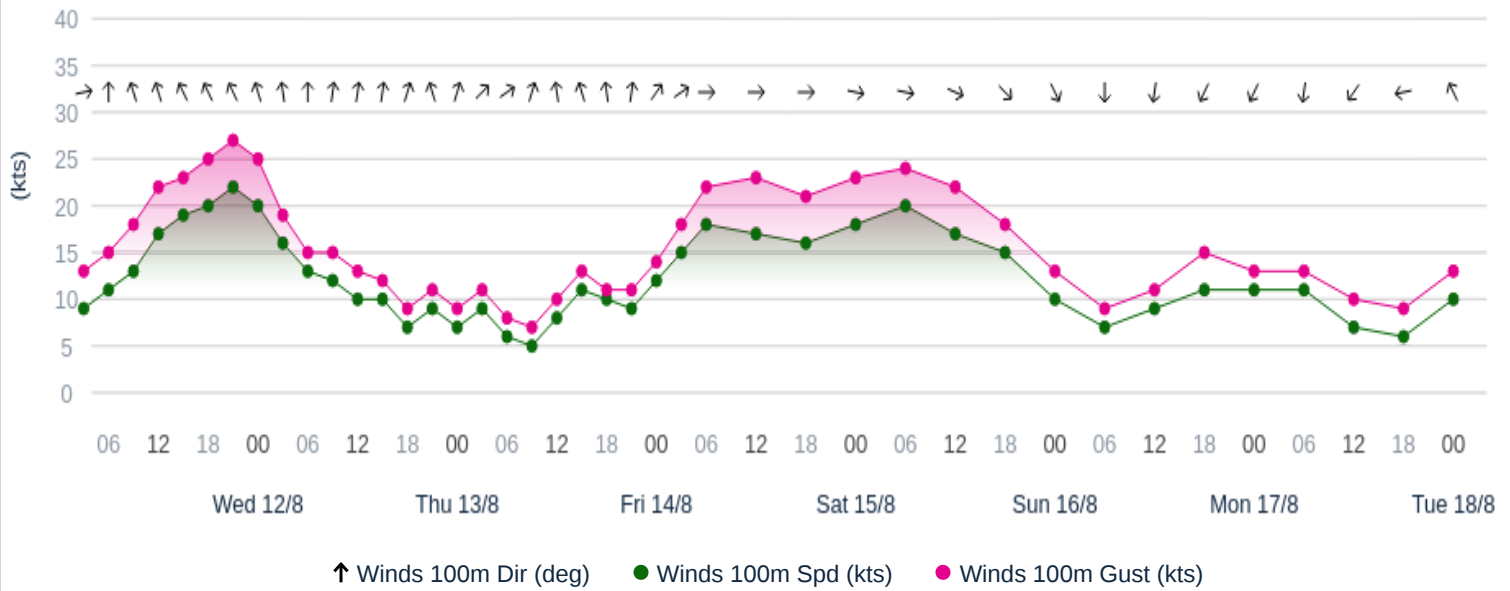
10m Wind Graph - 7 Day Scapa Flow



50m Wind Graph - 7 Day Scapa Flow



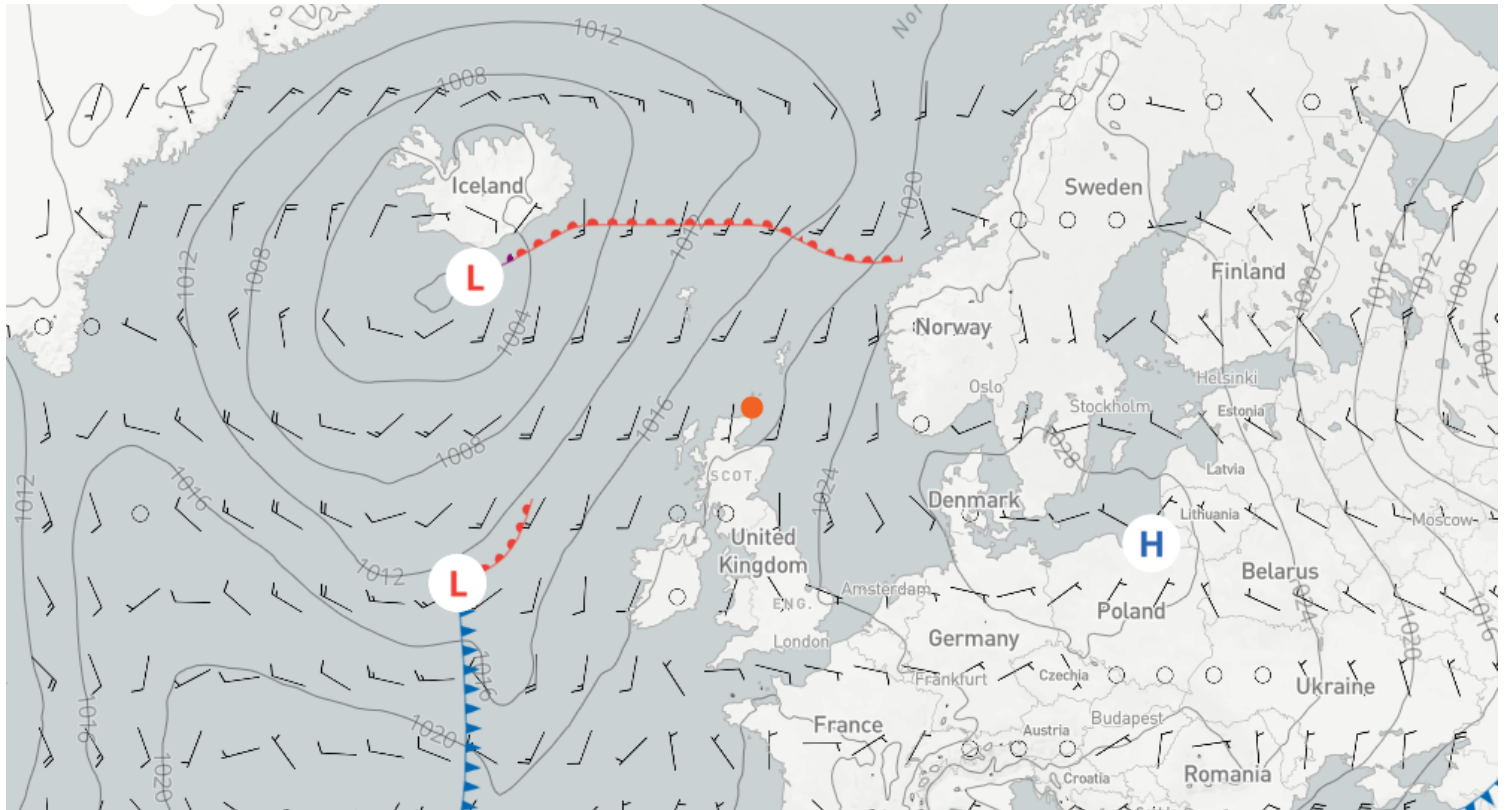
100m Wind Graph - 7 Day Scapa Flow



Issued on 11 August 2026, 00:00 UTC | Forecast for 12 August 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 11 August 2026, 04:01 UTC

Issued on 11 August 2026, 00:00 UTC | Forecast for 13 August 2026, 00:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts

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