

Meteorological Situation

A weak frontal trough is crossing the Norwegian Sea today bringing a minor enhancement to the wind through the morning. Following this, a ridge of high pressure extending from the North Sea will bring calmer conditions briefly tomorrow (Wednesday 8th). However, later in the day and into the evening, winds will increase as the pressure gradient tightens as a weather front moves through the area early on Thursday, bringing F5 winds during the day. Beyond this, high pressure will attempt to re-exert influence, but due to low pressure trying to move in from the Atlantic, the pressure gradient may tighten again. Local conditions next 72 hrs: Wind: variable direction, light, increasing to moderate on 9 May 00 UTC (risk of strong breeze). Sea temperature: 9-10C.

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 07 May 2024																					
12	NNW	6	10	8	340	7	9	330	8	10	nsw	9	9	8	5	good	73	2000	79	1025	
15	N	5	7	7	350	5	7	350	5	7	nsw	9	9	8	4	good	70	3500	79	1026	
18	ENE	6	7	8	50	6	8	50	6	8	nsw	9	9	8	3	good	69	3500	60	1026	
21	ESE	6	9	9	120	8	10	120	8	11	nsw	8	8	7	4	good	75	nlc	45	1027	
Wednesday 08 May 2024																					
00	SSE	9	11	12	150	12	15	150	13	16	nsw	8	8	7	5	good	83	nlc	76	1026	
03	SSE	10	13	14	150	14	18	150	16	20	nsw	8	8	8	6	good	87	3500	79	1025	
06	SSE	10	14	13	170	13	16	170	15	17	nsw	9	8	8	7	good	92	1000	80	1024	
09	SW	7	11	9	220	9	11	220	10	11	nsw	10	10	9	7	good	82	nlc	79	1024	
12	S	6	10	8	190	7	9	190	7	9	nsw	10	10	10	7	good	80	3500	79	1023	
15	SSE	8	10	10	180	10	13	190	11	14	ra	11	10	10	8	good	86	nlc	80	1022	
18	S	8	12	11	180	12	15	190	14	17	ra	10	10	10	9	md/gd	90	nlc	80	1021	
21	SSW	10	15	14	210	15	19	210	17	21	ra	11	11	10	9	md/gd	88	3500	80	1020	
Thursday 09 May 2024																					
00	SW	14	22	19	240	19	25	240	22	28	ra	11	11	10	9	md/gd	89	2000	80	1020	
03	WSW	16	21	21	250	21	27	250	23	30	ra	11	10	10	9	good	89	2000	80	1020	
06	WSW	16	21	21	260	22	28	260	26	33	nsw	11	10	10	9	good	90	1000	80	1020	
09	W	15	21	20	270	20	26	270	21	27	dz	11	11	11	10	good	91	2000	80	1021	
12	W	13	14	18	280	16	21	280	17	22	nsw	11	11	11	9	good	90	1000	80	1022	
15	W	11	12	15	280	13	17	280	14	18	nsw	11	11	11	10	good	91	1000	80	1022	
18	W	10	11	12	270	12	15	280	13	16	nsw	11	11	10	9	good	91	1000	80	1022	
21	SW	8	10	10	240	11	13	250	12	14	ra	10	10	10	9	md/gd	94	1000	80	1023	
Friday 10 May 2024																					



Single Location Forecast - 7 Day

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

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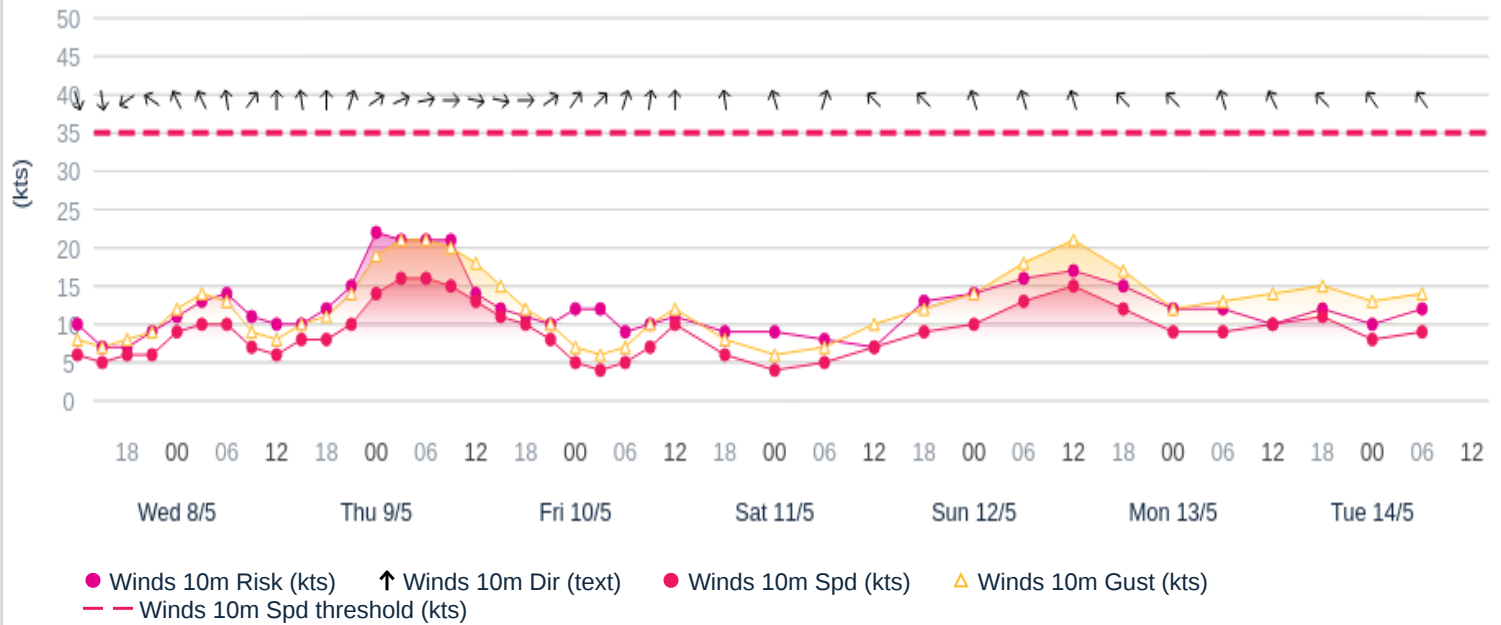
Issued on 07 May 2024, 14:01 UTC

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	SW	5	12	7	230	8	10	240	9	11	ra	10	10	9	9	mod	97	2000	80	1023
03	SW	4	12	6	240	7	9	250	8	10	ra	10	10	9	9	mod	96	nlc	80	1022
06	SSW	5	9	7	210	7	9	210	8	10	ra	10	10	9	9	good	95	nlc	80	1021
09	S	7	10	10	190	10	12	190	11	13	nsw	11	11	10	9	good	88	nlc	79	1021
12	S	10	11	12	180	13	16	180	15	17	nsw	11	11	11	9	good	86	nlc	79	1020
18	SSE	6	9	8	180	7	9	190	8	10	dz	11	11	11	9	good	91	nlc	77	1019
Saturday 11 May 2024																				
00	SSE	4	9	6	170	7	9	170	8	10	nsw	10	10	10	9	good	95	nlc	79	1018
06	SSW	5	8	7	210	7	9	210	8	10	nsw	11	11	11	9	good	91	nlc	78	1017
12	SE	7	7	10	130	7	10	130	8	11	nsw	12	12	12	10	good	86	nlc	53	1017
18	SE	9	13	12	130	12	15	130	14	16	nsw	11	11	11	9	mod	87	nlc	79	1016
Sunday 12 May 2024																				
00	SSE	10	14	14	160	15	19	170	17	21	nsw	11	11	11	9	good	91	nlc	40	1013
06	SSE	13	16	18	170	18	23	170	21	25	nsw	11	11	11	9	good	88	nlc	5	1012
12	SSE	15	17	21	160	20	26	170	22	28	nsw	12	12	12	9	good	79	nlc	38	1011
18	SE	12	15	17	140	15	20	140	16	21	shra	12	12	12	10	good	87	2000	44	1011
Monday 13 May 2024																				
00	SE	9	12	12	130	10	14	130	11	15	shra	10	10	10	9	good	90	3500	53	1011
06	SSE	9	12	13	160	11	14	160	12	15	dz	10	10	10	9	good	91	1000	36	1011
12	SSE	10	10	14	150	10	15	150	11	15	nsw	11	11	10	9	md/gd	87	3500	61	1011
18	SE	11	12	15	130	13	18	130	14	19	dz	10	10	10	8	good	88	1000	59	1010
Tuesday 14 May 2024																				
00	SE	8	10	13	140	10	15	140	11	16	dz	10	10	9	8	good	90	3500	53	1010
06	SE	9	12	14	140	11	15	140	12	16	dz	10	10	9	8	good	89	1000	54	1009

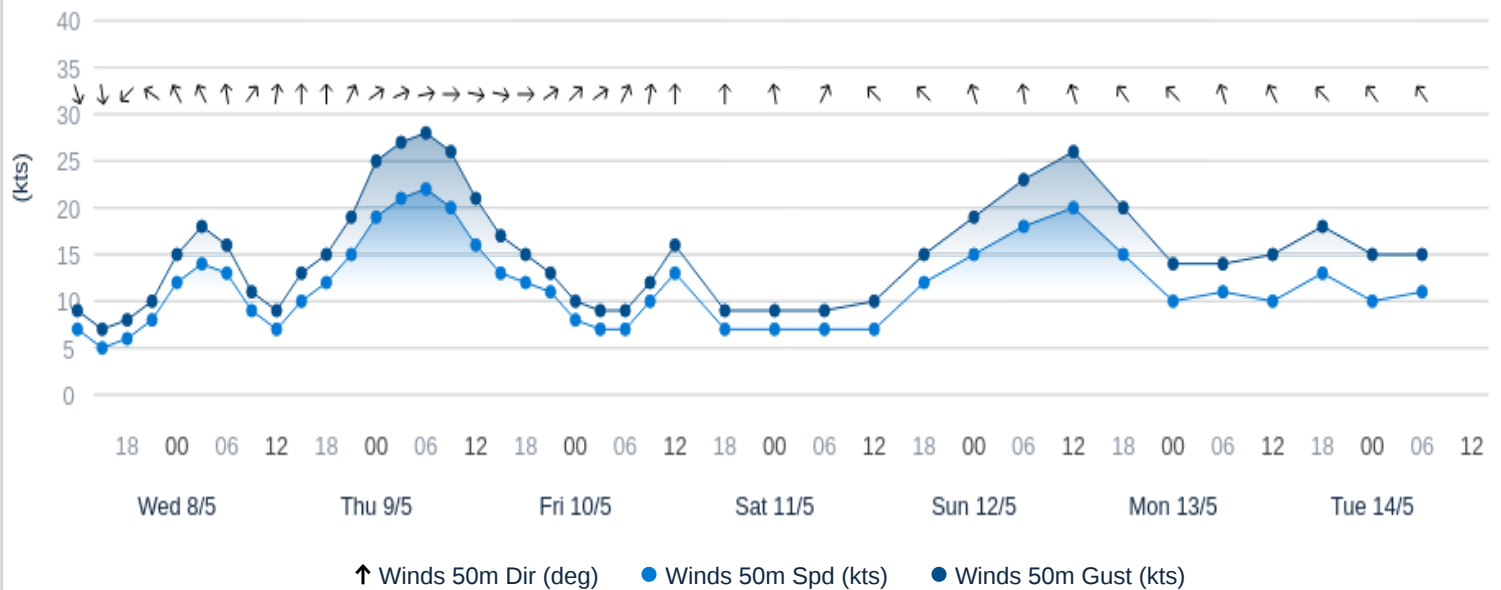
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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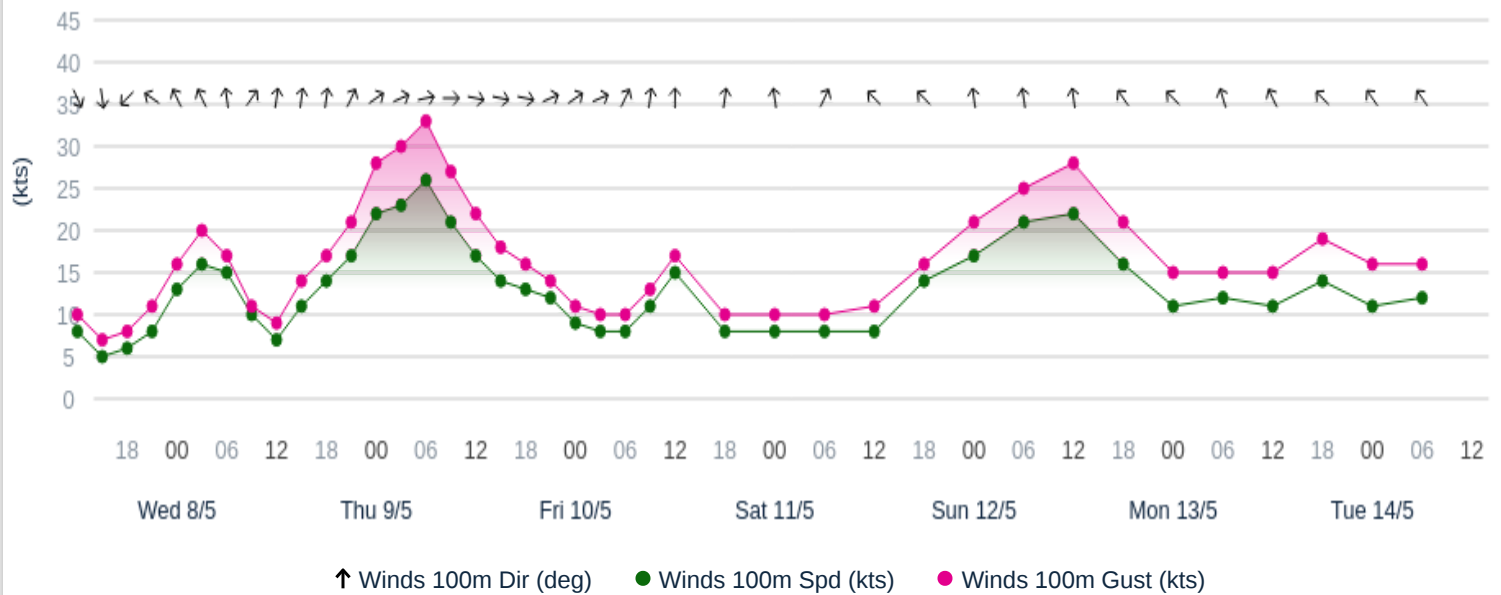
10m Wind Graph - 7 Day Scapa Flow



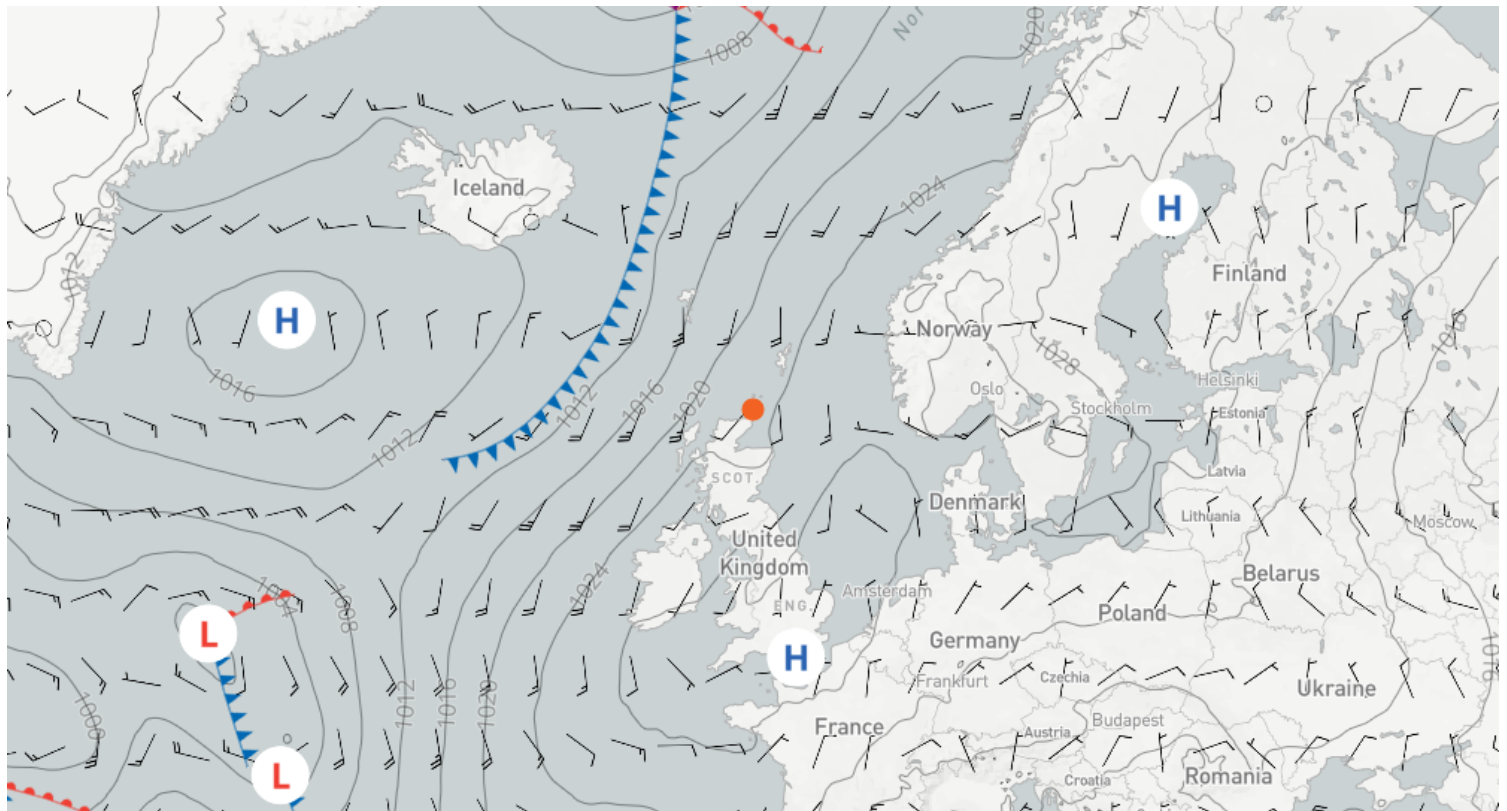
50m Wind Graph - 7 Day Scapa Flow



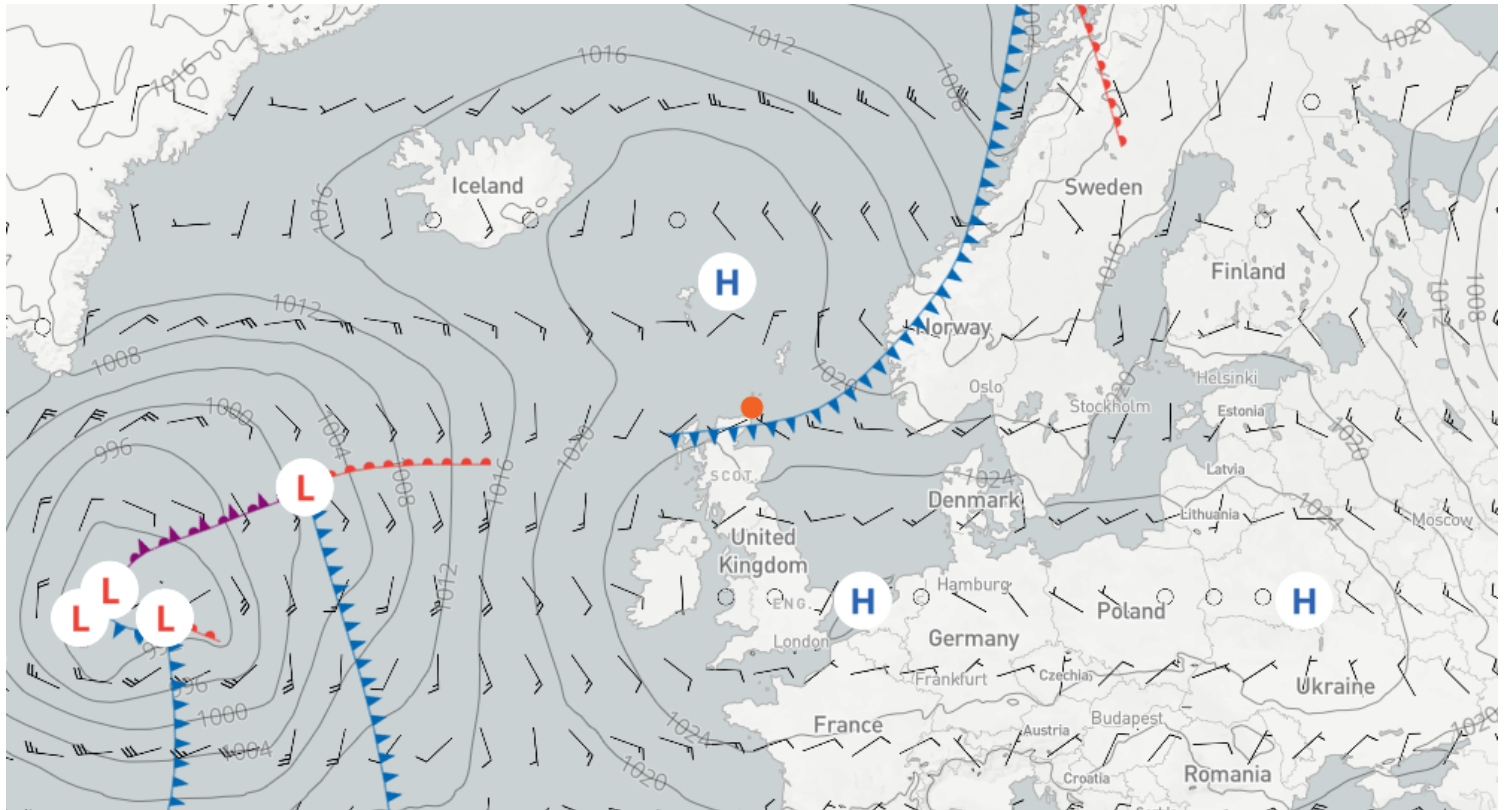
100m Wind Graph - 7 Day Scapa Flow



Issued on 07 May 2024, 12:00 UTC | Forecast for 08 May 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 07 May 2024, 12:00 UTC | Forecast for 09 May 2024, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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