



Single Location Forecast - 7 Day

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

Issued on 08 May 2024, 04:01 UTC

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Meteorological Situation

A ridge of high pressure extends from the North Sea and will bring calmer conditions for much of today. Later this evening, winds will increase as the pressure gradient tightens due to crossing low pressure towards the Norwegian Sea to the north. This front is expected to bring F5 winds tomorrow morning with low level cloud. 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 later in the weekend. Local conditions next 72 hrs: Wind: SSE-ly, veering to W, moderate (risk for 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	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)
Wednesday 08 May 2024																				
03	SSE	10	12	13	150	13	17	150	14	18	nsw	8	8	8	6	good	87	nlc	79	1025
06	SSE	11	15	15	160	15	19	160	17	20	nsw	9	8	8	7	good	91	1000	79	1025
09	SSW	8	12	10	200	10	11	210	10	12	nsw	10	10	10	8	good	87	nlc	79	1024
12	SSE	9	10	11	180	10	12	190	10	12	nsw	11	10	10	8	good	84	3500	80	1023
15	S	10	11	12	190	11	14	190	12	15	nsw	11	11	10	8	good	85	nlc	80	1022
18	S	9	14	12	200	13	16	200	15	17	ra	11	11	10	9	good	88	nlc	80	1020
21	SSW	12	19	16	210	17	21	210	19	23	ra	11	11	11	9	md/gd	87	3500	80	1020
Thursday 09 May 2024																				
00	SW	13	23	19	230	18	25	240	21	27	ra	11	11	11	9	good	88	2000	80	1019
03	WSW	16	22	24	250	22	30	260	24	33	ra	11	11	11	9	good	90	1000	80	1019
06	WSW	16	19	24	260	22	30	260	24	32	nsw	11	11	11	10	good	92	1000	80	1020
09	W	15	17	22	270	19	26	270	21	28	nsw	11	11	11	10	good	92	500	80	1021
12	W	13	14	18	280	16	21	280	17	22	nsw	11	11	11	10	good	92	500	79	1023
15	WNW	8	10	12	300	11	13	300	11	14	nsw	11	11	11	10	good	92	500	80	1023
18	WNW	4	7	7	280	4	7	270	4	7	nsw	11	10	10	9	md/gd	93	500	80	1023
21	WSW	3	8	5	260	3	5	260	3	5	ra	10	10	10	9	md/gd	95	1000	80	1024
Friday 10 May 2024																				
00	SSW	5	12	7	210	6	8	220	7	9	ra	10	10	9	9	md/gd	97	1000	80	1023
03	SSW	4	9	6	220	6	8	220	7	9	ra	10	10	9	9	md/gd	97	nlc	80	1023
06	SSE	4	7	6	180	4	6	190	5	6	ra	10	10	9	9	md/gd	98	nlc	80	1022
09	SSE	7	9	10	170	9	12	170	10	13	nsw	10	10	10	9	md/gd	94	nlc	77	1022
12	SSE	10	12	15	170	15	19	170	17	21	nsw	11	11	11	9	good	89	nlc	77	1021
15	S	9	11	11	190	13	15	200	14	17	nsw	11	11	11	10	good	91	nlc	78	1020
18	S	6	10	8	190	8	10	200	9	11	nsw	11	11	11	10	good	91	nlc	74	1020

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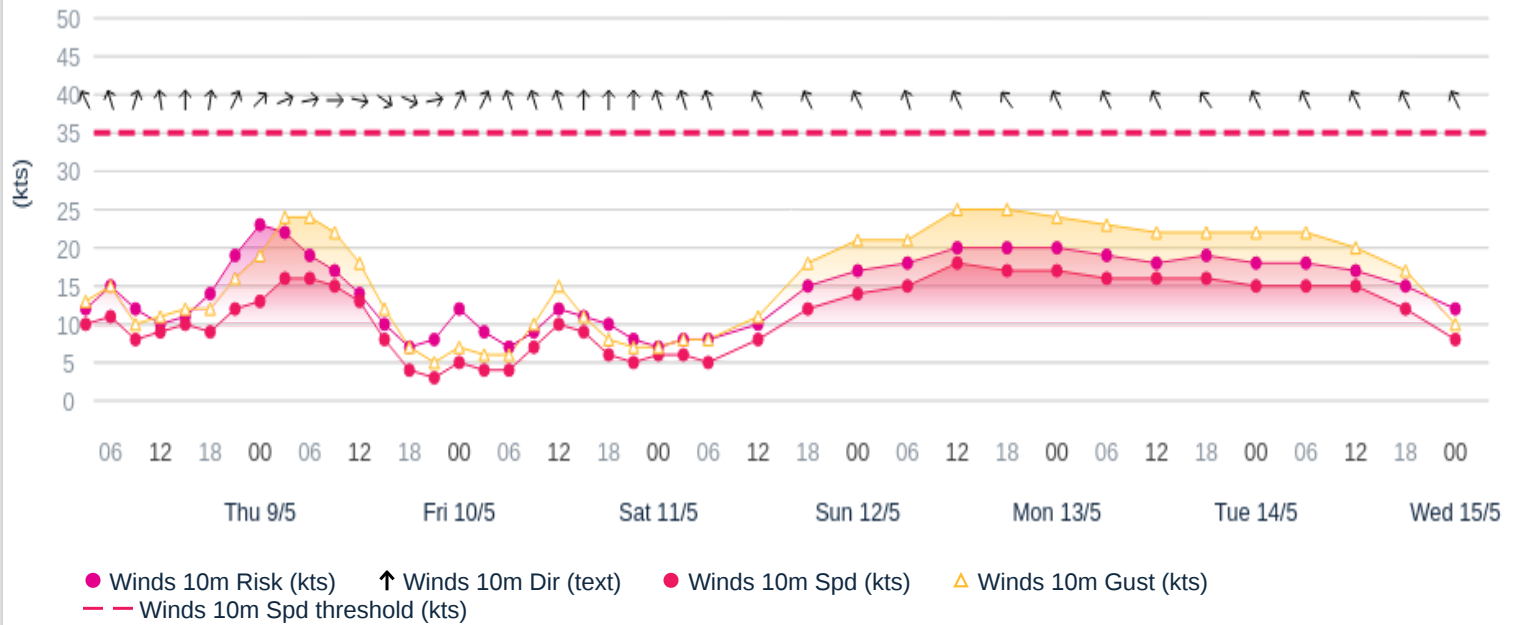
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Winds											Weather										
UTC	10m				50m			100m			Type (text)	Air							Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)		
21	S	5	8	7	190	8	10	190	9	11	nsw	11	11	11	9	good	91	nlc	33	1020	
Saturday 11 May 2024																					
00	SSE	6	7	7	170	8	10	170	9	11	nsw	10	10	10	9	good	92	nlc	68	1020	
03	SSE	6	8	8	170	8	11	170	10	12	nsw	11	11	11	9	good	91	nlc	70	1019	
06	SSE	5	8	8	170	8	11	170	10	12	nsw	11	11	11	9	good	89	nlc	72	1019	
12	SSE	8	10	11	160	12	14	160	13	15	nsw	12	12	12	9	good	84	nlc	73	1019	
18	SSE	12	15	18	160	19	24	160	22	27	nsw	12	13	13	10	good	84	nlc	63	1017	
Sunday 12 May 2024																					
00	SSE	14	17	21	160	21	27	160	24	30	nsw	11	11	11	10	good	91	nlc	33	1016	
06	SSE	15	18	21	160	22	28	160	24	30	nsw	11	11	11	9	good	91	nlc	26	1015	
12	SSE	18	20	25	150	23	30	160	26	33	nsw	12	12	12	9	good	86	nlc	36	1015	
18	SE	17	20	25	150	24	31	150	27	34	nsw	11	11	11	9	good	88	nlc	17	1014	
Monday 13 May 2024																					
00	SSE	17	20	24	150	23	30	150	26	33	nsw	10	10	10	9	good	90	nlc	37	1014	
06	SSE	16	19	23	150	23	29	150	25	32	nsw	10	10	10	8	good	90	nlc	59	1013	
12	SSE	16	18	22	150	21	27	150	23	29	nsw	11	11	11	9	good	89	nlc	68	1012	
18	SE	16	19	22	140	22	28	150	25	31	nsw	11	11	11	8	good	87	nlc	63	1011	
Tuesday 14 May 2024																					
00	SSE	15	18	22	150	22	28	150	25	31	nsw	10	10	10	8	good	88	nlc	60	1011	
06	SSE	15	18	22	150	21	27	150	24	30	nsw	10	10	10	8	good	87	nlc	30	1010	
12	SSE	15	17	20	150	19	25	150	21	26	nsw	11	10	10	8	good	86	3500	32	1010	
18	SSE	12	15	17	150	16	20	150	18	22	dz	10	10	10	8	good	87	nlc	51	1010	
Wednesday 15 May 2024																					
00	SSE	8	12	10	160	11	13	160	12	14	ra	10	9	9	8	good	92	1000	66	1010	

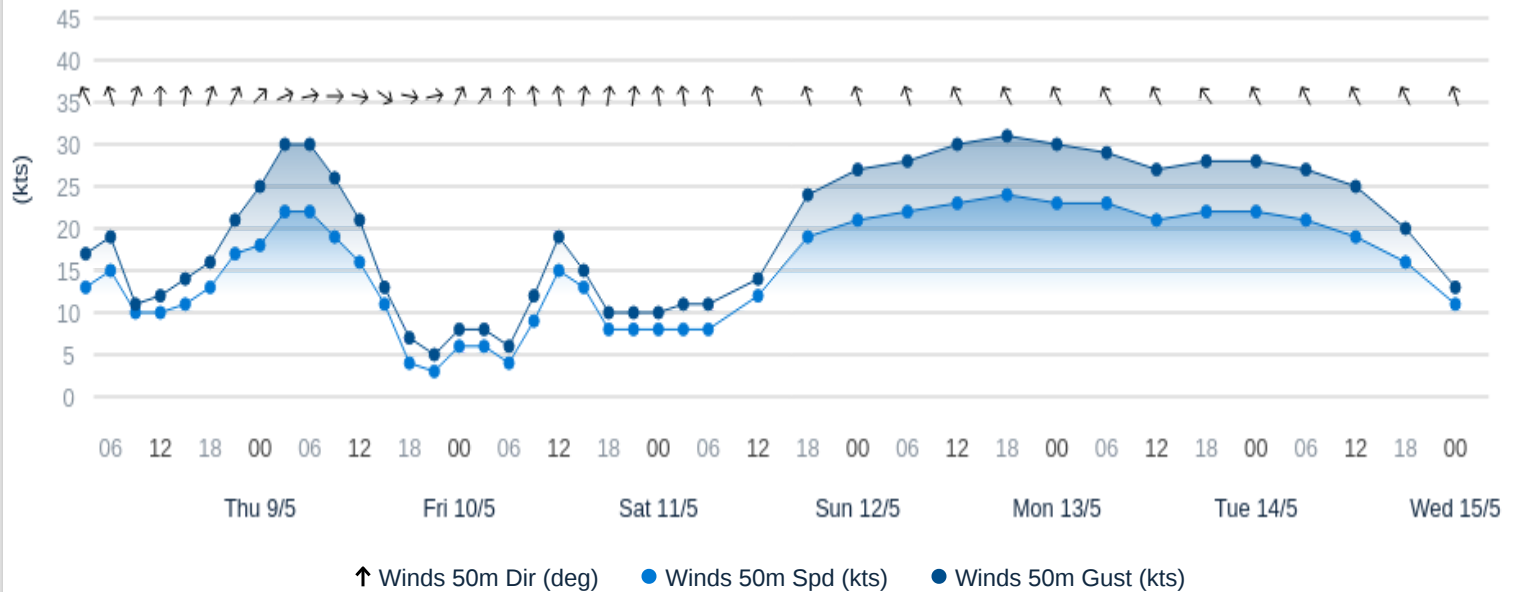
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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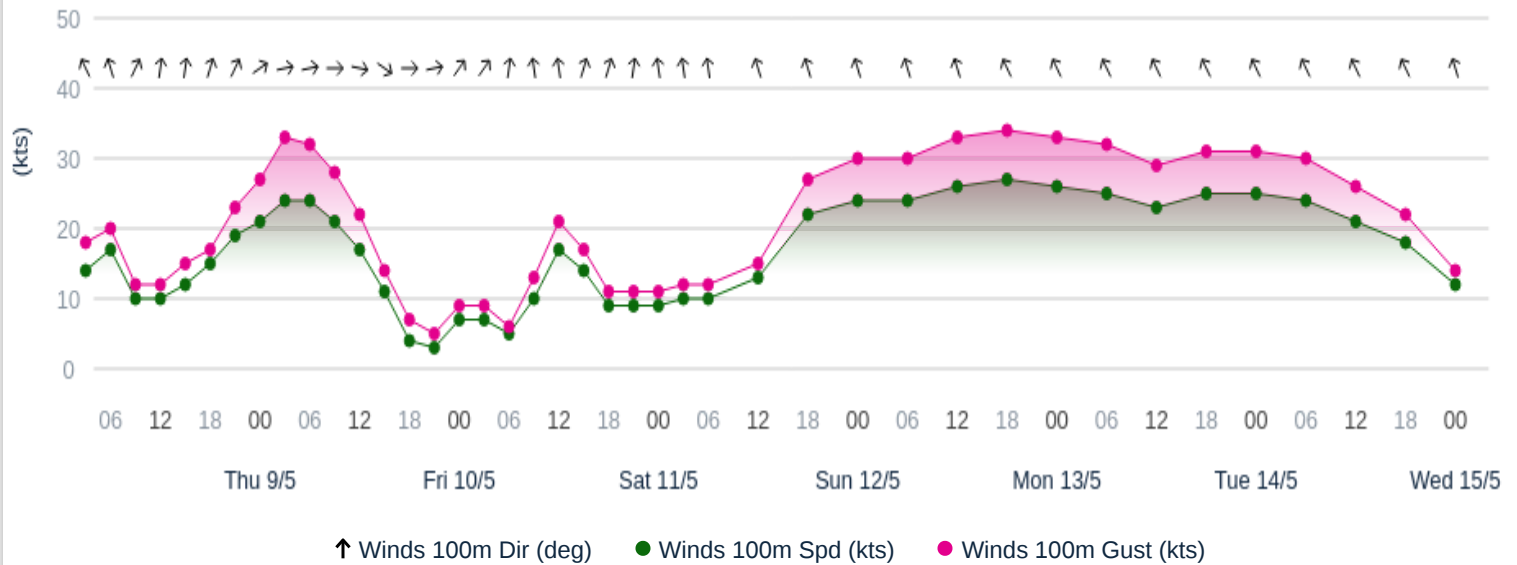
10m Wind Graph - 7 Day Scapa Flow



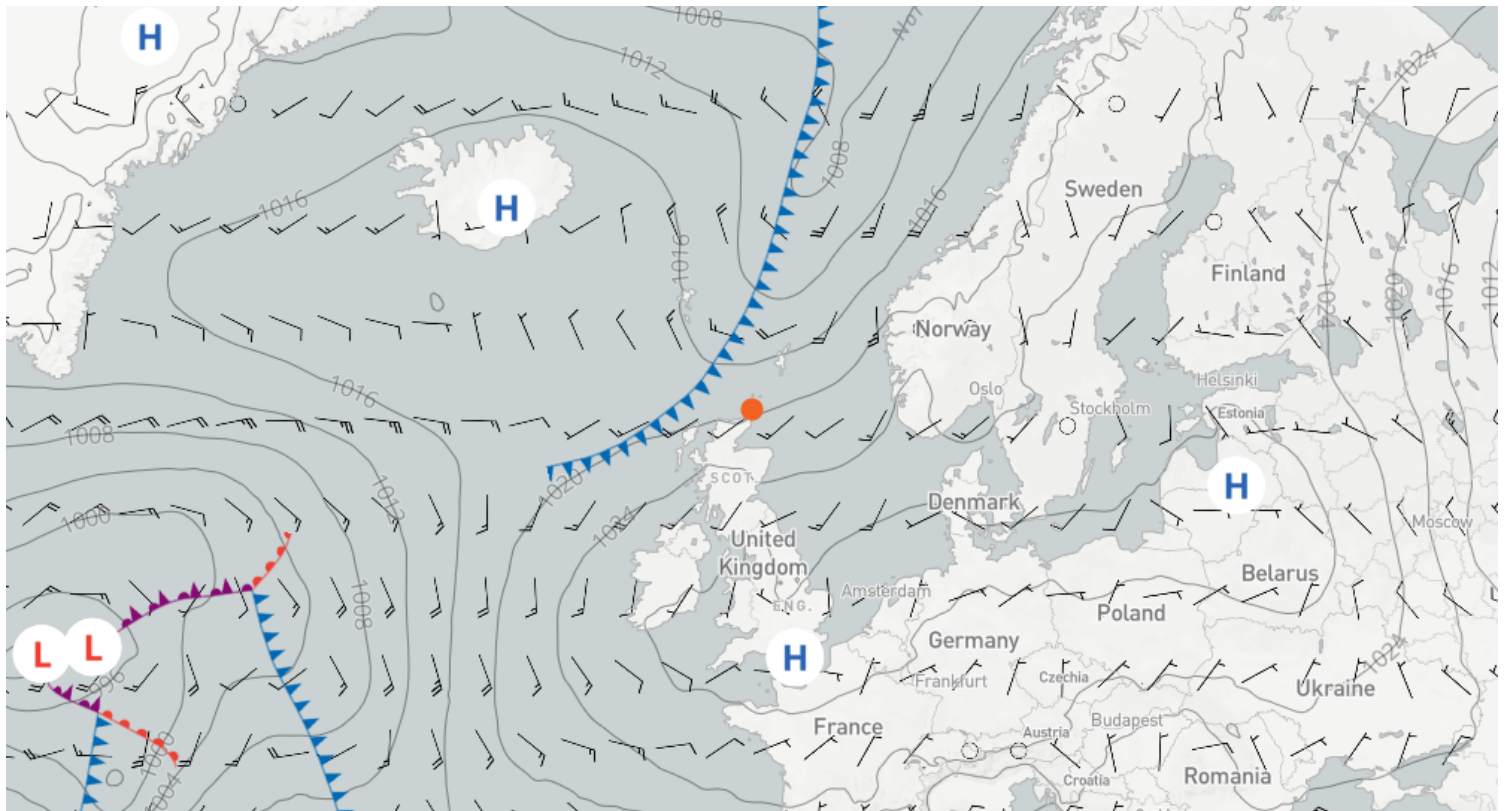
50m Wind Graph - 7 Day Scapa Flow



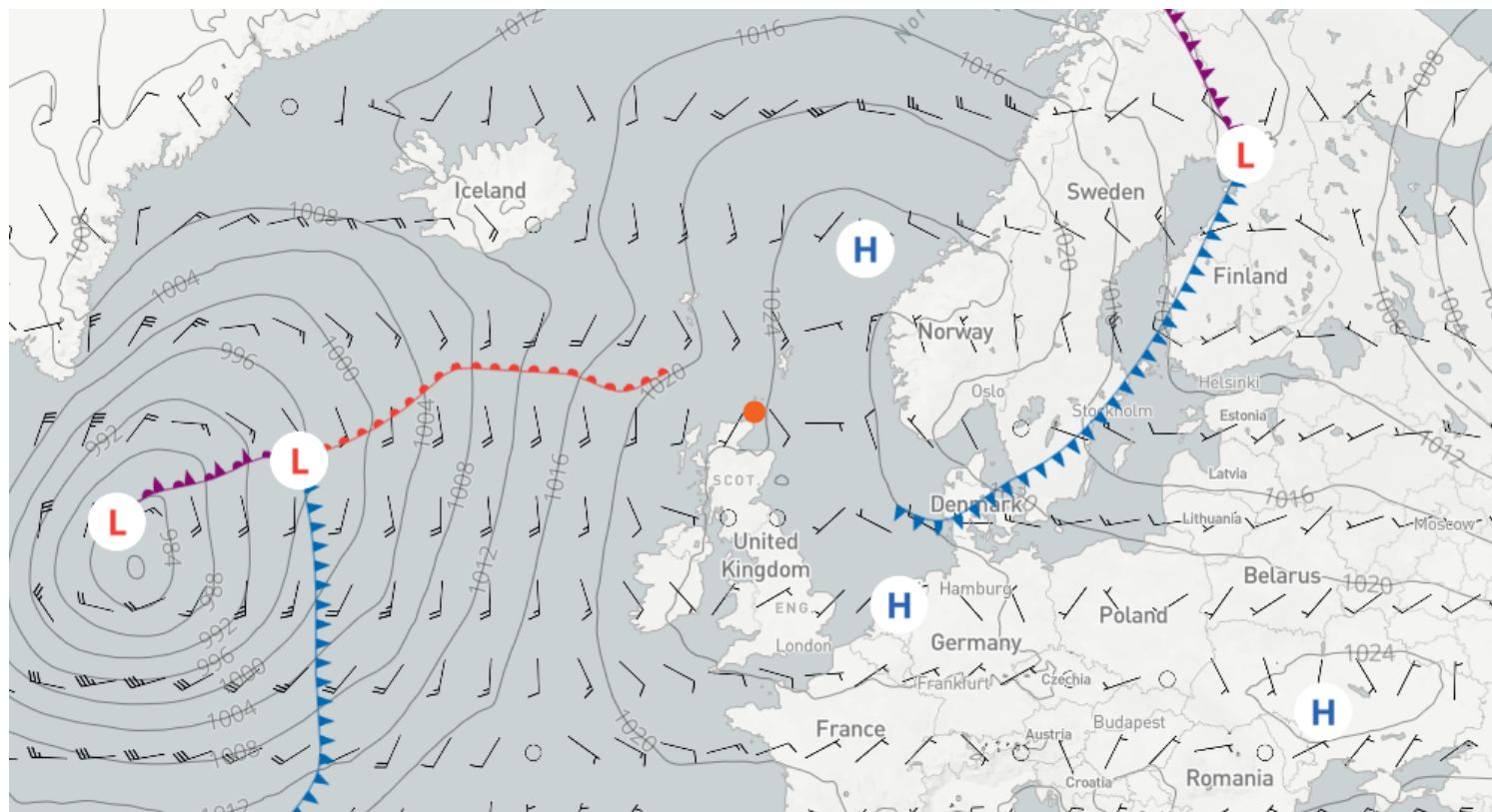
100m Wind Graph - 7 Day Scapa Flow



Issued on 08 May 2024, 00:00 UTC | Forecast for 09 May 2024, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 08 May 2024, 00:00 UTC | Forecast for 10 May 2024, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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