



Single Location Forecast - 7 Day

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

Issued on 15 May 2024, 14:01 UTC

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

Meteorological Situation

Low pressure is currently to the south of Ireland with high pressure to the east of the Baltic. The low pressure will gradually fill with a slackening pressure gradient in the Irish Sea and English Channel decreasing winds here. A shallow secondary low will rotate into southern England on Friday, tightening the pressure gradient through the North Sea and into the Baltic. The low gradually re-centers to the east by the weekend, with a ridge building over the British Isles. Winds should remain at or below F5 for the forecast period. Local conditions next 72 hrs: Wind: SE-ly, moderate, abating to light on 17 May Sea temperature: 10-11C.

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 (%)	
Wednesday 15 May 2024																				
12	SE	11	15	16	140	15	20	140	17	22	nsw	11	12	12	9	good	88	nlc	7	1008
15	SE	13	16	18	130	17	23	140	19	25	nsw	11	12	12	10	good	88	nlc	10	1009
18	SE	13	17	19	130	18	24	140	20	26	nsw	11	11	12	9	good	88	nlc	2	1009
21	SE	13	18	18	140	18	23	140	20	26	nsw	10	11	11	9	good	90	nlc	1	1010
Thursday 16 May 2024																				
00	SE	11	17	15	140	16	21	150	19	23	nsw	10	10	11	9	good	90	nlc	0	1011
03	SE	11	16	15	140	16	21	140	18	23	nsw	10	10	10	9	good	92	nlc	0	1011
06	SE	11	16	16	130	17	22	130	20	24	nsw	11	11	11	9	good	89	nlc	0	1011
09	SE	13	16	19	130	17	23	130	19	25	nsw	11	11	12	9	good	85	nlc	0	1012
12	SE	12	15	18	130	16	21	130	17	23	nsw	12	12	12	9	good	84	nlc	1	1013
15	ESE	12	15	17	130	16	21	130	17	22	nsw	12	12	12	9	good	84	nlc	2	1013
18	SE	11	14	16	130	15	20	130	17	21	nsw	11	11	12	9	good	86	nlc	4	1013
21	SE	11	14	14	140	16	19	140	18	22	nsw	10	11	11	9	good	90	nlc	12	1014
Friday 17 May 2024																				
00	SE	10	14	13	140	15	19	150	18	22	nsw	10	10	11	9	good	91	nlc	17	1014
03	SE	9	13	13	140	14	18	140	17	21	nsw	10	10	10	9	good	92	nlc	39	1014
06	SE	8	12	11	140	13	17	140	15	19	nsw	10	11	11	9	good	90	nlc	47	1014
09	SSE	8	10	11	150	11	14	150	12	15	nsw	11	11	11	9	good	85	nlc	40	1015
12	SE	9	10	12	140	11	14	140	11	14	nsw	12	12	12	9	good	84	nlc	45	1014
15	SE	9	10	12	140	10	12	150	10	13	nsw	12	12	12	9	good	84	nlc	73	1015
18	SSE	7	8	9	160	8	10	160	8	10	nsw	12	12	12	10	good	86	500	56	1014
21	SSW	9	10	11	200	9	11	200	9	12	nsw	11	11	11	9	good	92	100	78	1015
Saturday 18 May 2024																				
00	WSW	9	11	11	270	10	13	270	11	13	nsw	10	10	10	9	good	95	500	57	1016



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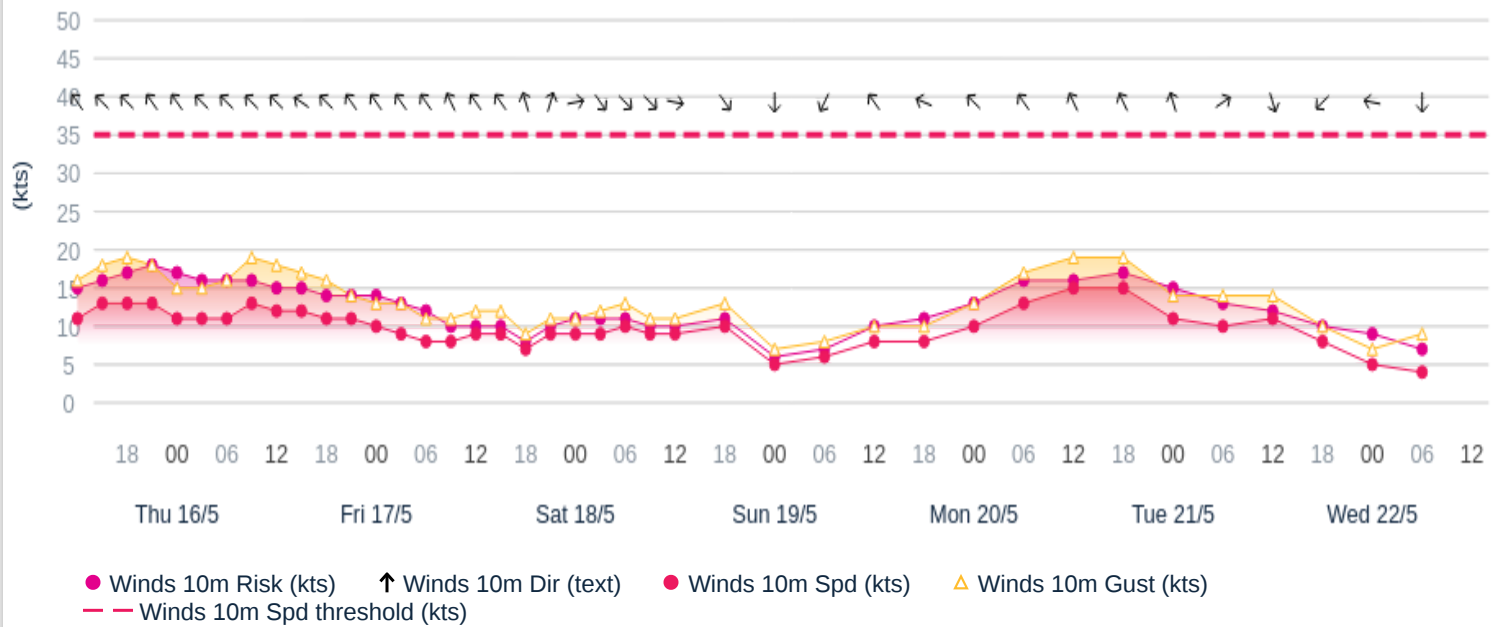
Issued on 15 May 2024, 14:01 UTC

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)
03	NW	9	11	12	320	11	14	320	11	14	nsw	10	10	9	8	good	91	1000	79	1016
06	NW	10	11	13	310	11	14	320	12	15	nsw	9	9	9	7	good	83	2000	79	1016
09	NW	9	10	11	310	10	12	310	10	12	nsw	10	10	9	7	good	82	2000	79	1017
12	W	9	10	11	280	10	12	280	10	13	nsw	10	10	10	6	good	77	3500	79	1018
18	NW	10	11	13	320	11	14	320	12	15	nsw	10	10	9	6	good	77	3500	80	1018
Sunday 19 May 2024																				
00	N	5	6	7	350	6	8	350	6	9	dz	9	9	9	7	good	87	1000	79	1020
06	NNE	6	7	8	20	6	8	20	6	9	dz	9	9	8	6	good	83	1000	78	1020
12	SE	8	10	10	140	8	11	150	9	11	dz	10	10	9	6	good	79	2000	79	1022
18	ESE	8	11	10	110	9	11	110	9	11	nsw	10	10	9	7	good	81	2000	73	1022
Monday 20 May 2024																				
00	SE	10	13	13	130	13	16	130	15	17	nsw	9	9	9	7	good	86	nlc	30	1022
06	SE	13	16	17	140	17	20	140	18	22	nsw	9	9	9	7	good	86	2000	58	1021
12	SSE	15	16	19	150	19	23	150	20	24	nsw	11	11	11	8	good	81	nlc	58	1020
18	SSE	15	17	19	150	20	25	160	22	27	nsw	11	11	11	8	good	81	nlc	58	1017
Tuesday 21 May 2024																				
00	SSE	11	15	14	160	15	18	170	16	20	ra	10	10	10	8	good	87	nlc	47	1017
06	SW	10	13	14	250	13	17	250	15	19	ra	10	10	10	9	mod	88	nlc	79	1017
12	NNW	11	12	14	340	12	15	340	12	16	dz	11	11	10	7	good	80	2000	79	1018
18	NE	8	10	10	50	8	10	50	8	10	nsw	10	10	10	6	good	74	nlc	59	1019
Wednesday 22 May 2024																				
00	E	5	9	7	100	5	7	90	5	7	nsw	9	9	9	6	good	79	nlc	73	1019
06	N	4	7	9	0	4	9	10	3	9	nsw	9	9	9	5	good	76	nlc	79	1018

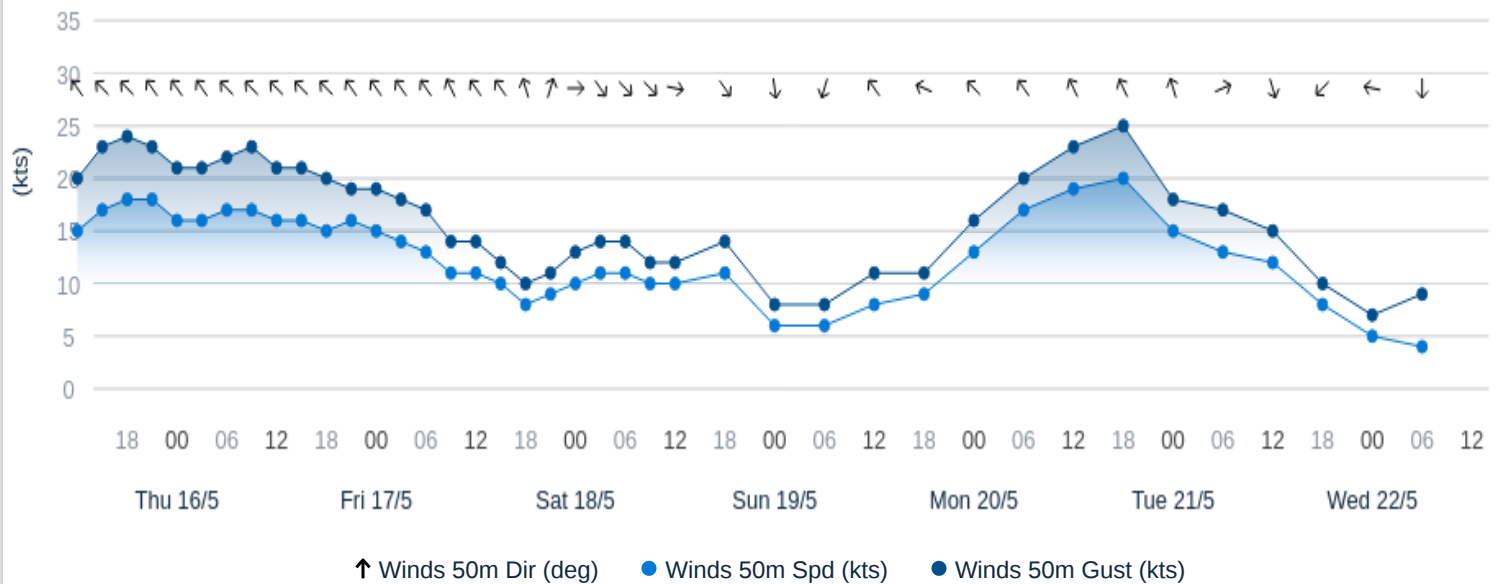
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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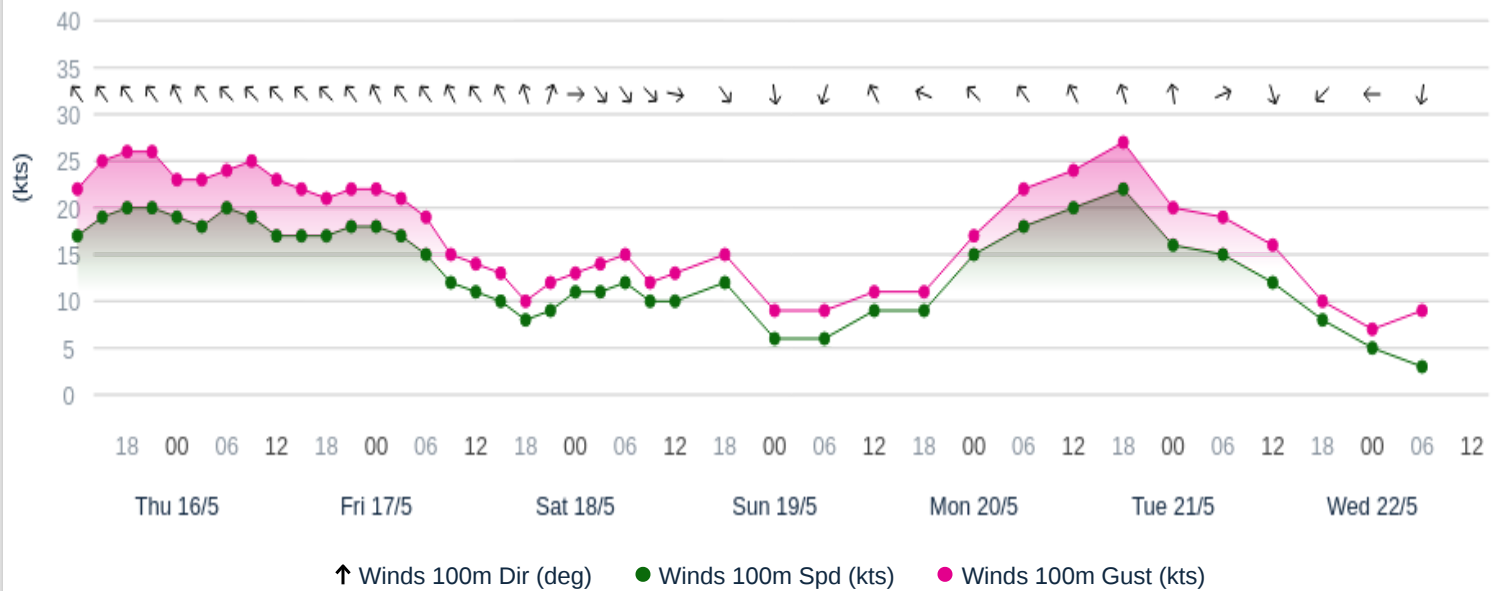
10m Wind Graph - 7 Day Scapa Flow



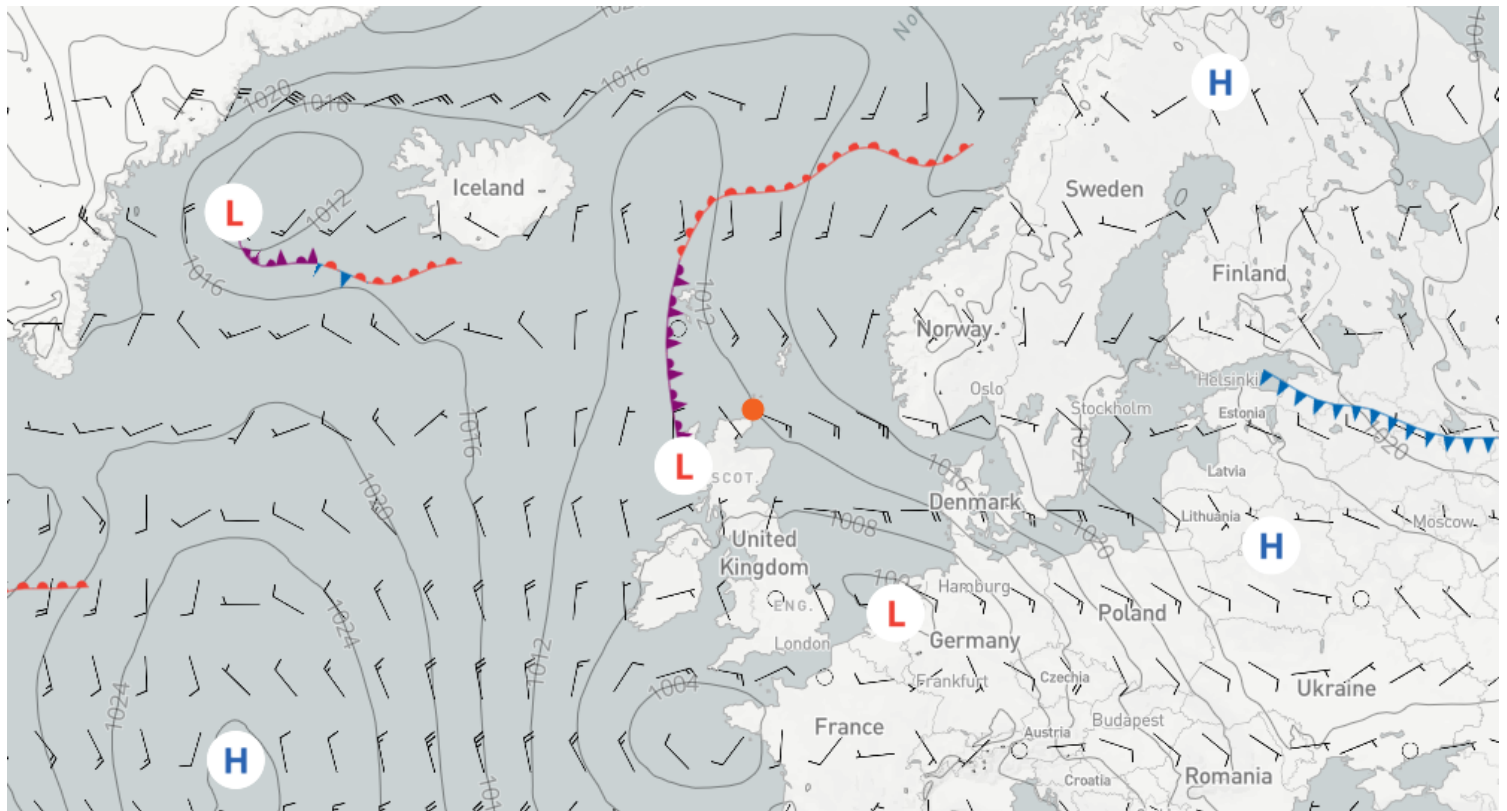
50m Wind Graph - 7 Day Scapa Flow



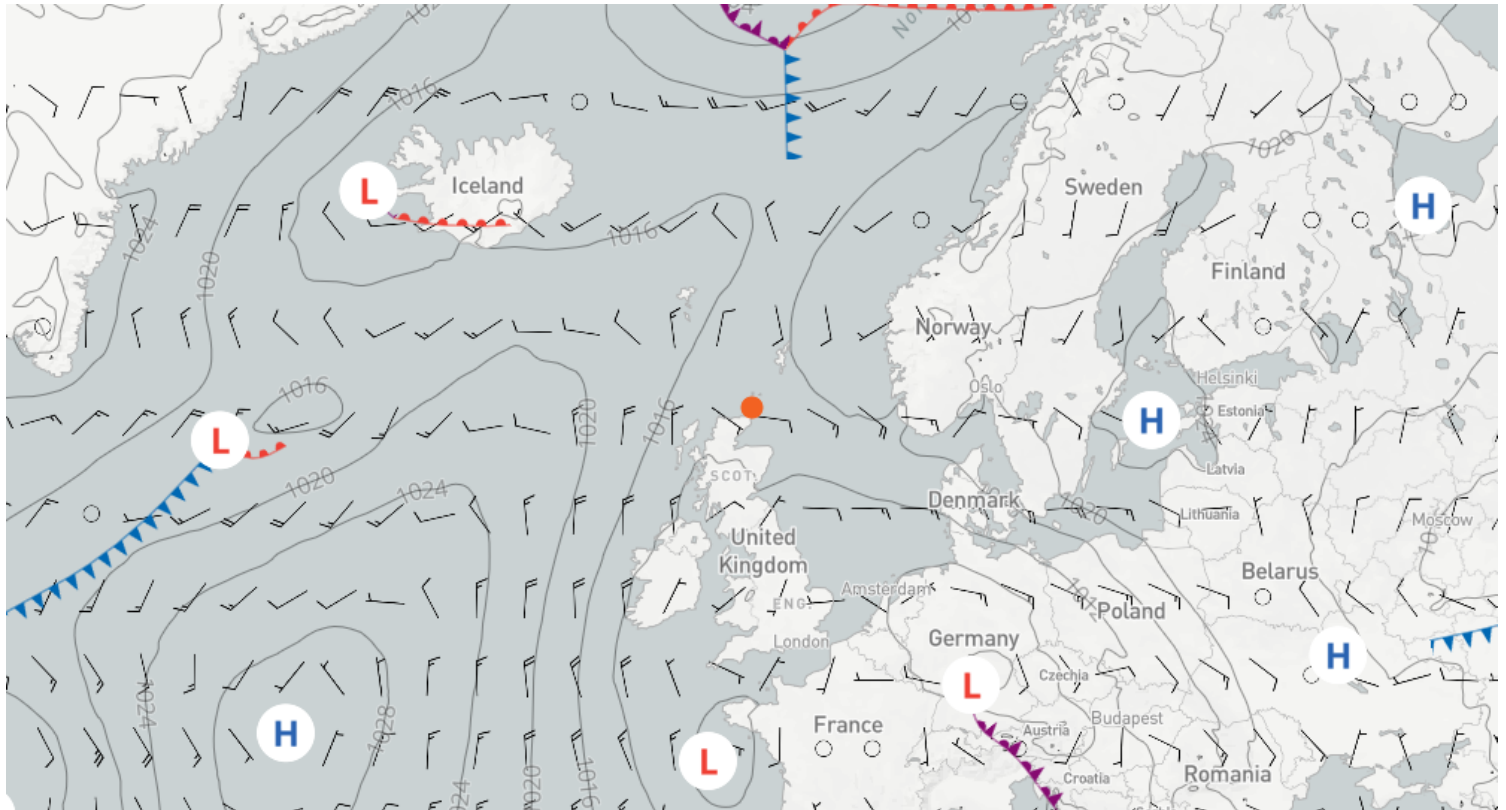
100m Wind Graph - 7 Day Scapa Flow



Issued on 15 May 2024, 12:00 UTC | Forecast for 16 May 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 15 May 2024, 12:00 UTC | Forecast for 17 May 2024, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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