



Single Location Forecast - 7 Day

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

Issued on 02 May 2024, 04:01 UTC

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Meteorological Situation

A complex low is located over western Europe with a centre (1003hPa) over Sole and one centre (998hPa) over Belgium. Meanwhile high pressure is located over Greenland (1035hPa), Iceland (1023hPa), the Norwegian Sea (1022hPa) and the northern continent (1028hPa). The pressure gradient over Scapa Flow is rather weak with moderate winds and fair weather today. During tomorrow and Saturday high pressure is expected to prevail over the north, while the lows over Sole and Belgium are expected to merge. During Saturday another low from the south is forecasted to merge with the low over the UK. Mainly moderate, at times just fresh winds are expected over Scapa Flow in those days. From Tuesday 7 May onwards, high pressure is expected to build over the Atlantic Margin and Scotland with fair weather as a result. Local conditions next 72 hrs: Wind: E-ly, moderate. 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)
Thursday 02 May 2024																				
03	E	11	14	14	90	17	22	90	19	25	nsw	9	9	9	7	good	88	nlc	45	1017
06	E	12	15	16	90	17	22	100	21	27	nsw	10	10	10	7	good	85	nlc	11	1016
09	ESE	14	17	18	110	18	24	110	22	28	nsw	11	11	11	7	good	81	nlc	46	1017
12	E	12	15	16	90	15	20	100	17	22	nsw	11	11	11	7	good	78	nlc	16	1017
15	ENE	11	14	15	80	14	19	80	17	22	nsw	11	11	11	7	good	77	nlc	0	1017
18	ENE	10	12	14	60	14	19	70	16	21	nsw	11	11	11	8	good	81	nlc	1	1017
21	ENE	9	13	12	60	12	16	60	14	18	nsw	10	10	10	7	good	86	nlc	1	1017
Friday 03 May 2024																				
00	NE	8	12	11	60	12	16	70	13	17	nsw	9	9	10	7	good	89	nlc	7	1016
03	NE	8	12	12	60	13	17	70	15	20	nsw	9	9	9	7	good	89	nlc	2	1015
06	NE	8	12	12	60	12	16	70	14	18	nsw	9	10	10	7	good	86	nlc	2	1015
09	E	9	11	14	80	13	18	90	15	19	nsw	11	11	11	8	good	82	nlc	0	1015
12	E	10	11	16	100	14	19	110	15	21	nsw	11	11	11	8	good	79	nlc	28	1015
15	E	11	12	16	100	14	20	100	16	22	nsw	11	11	11	7	good	78	nlc	28	1014
18	E	11	13	16	90	16	21	90	18	23	nsw	10	10	10	7	good	81	nlc	34	1013
21	E	10	12	15	100	15	20	100	17	22	nsw	10	10	10	7	good	85	nlc	27	1013
Saturday 04 May 2024																				
00	E	10	12	14	100	14	17	100	15	19	ra	9	9	9	7	good	89	nlc	41	1012
03	E	9	12	13	80	14	17	90	16	19	nsw	9	9	9	8	good	90	nlc	40	1011
06	E	9	12	13	90	15	19	100	17	21	nsw	10	10	10	8	good	89	nlc	42	1010
09	E	10	12	14	100	12	16	100	13	18	dz	10	10	10	8	good	86	3500	45	1010
12	ESE	10	12	15	110	14	18	110	15	19	nsw	10	10	10	9	good	92	500	74	1010
15	ESE	11	13	15	110	13	17	120	14	18	nsw	9	9	9	9	md/gd	95	100	77	1009



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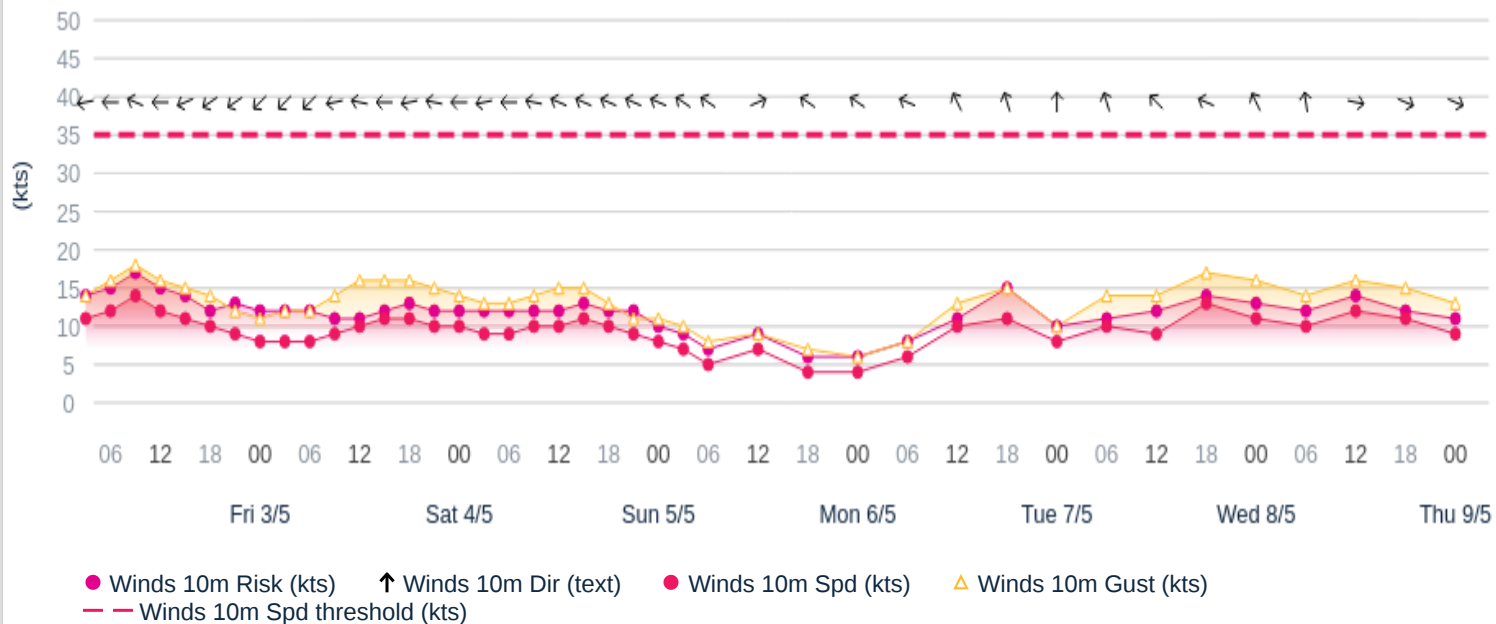
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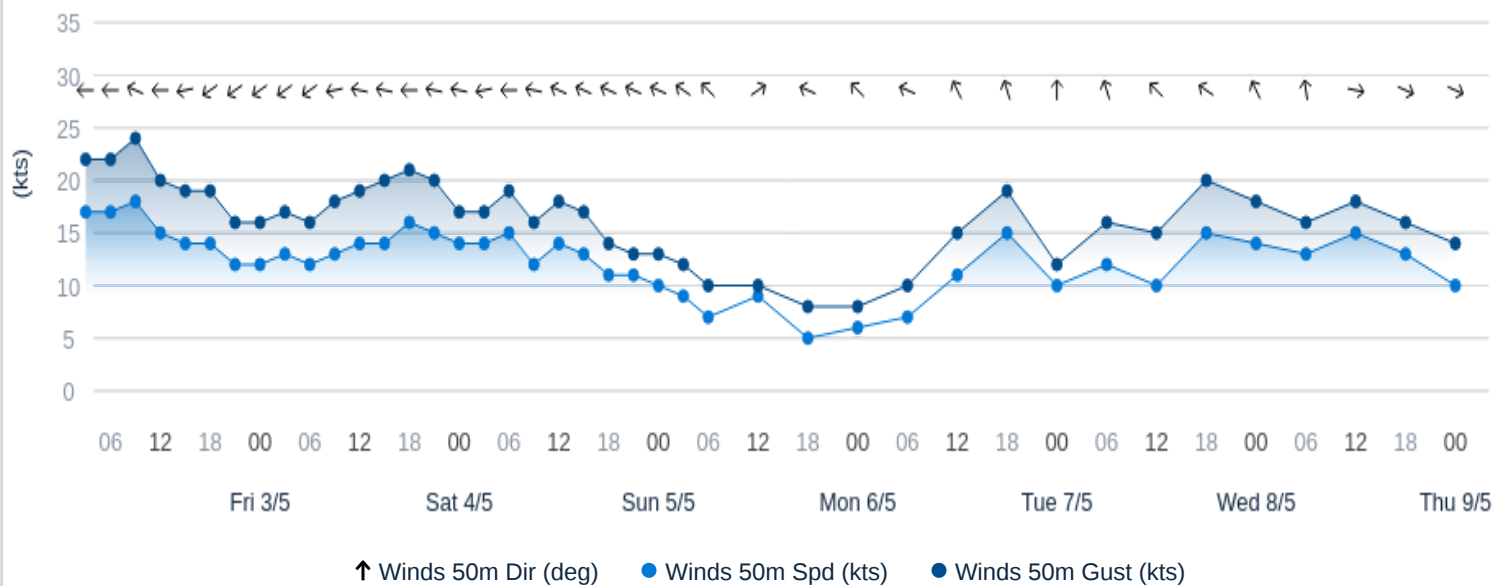
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
18	ESE	10	12	13	110	11	14	110	12	15	nsw	9	9	9	8	good	94	500	69	1009
21	ESE	9	12	11	110	11	13	110	11	14	nsw	9	9	9	8	good	94	500	80	1009
Sunday 05 May 2024																				
00	ESE	8	10	11	110	10	13	120	11	13	nsw	9	9	9	8	good	96	500	80	1008
03	ESE	7	9	10	120	9	12	130	10	12	nsw	9	9	9	8	good	96	1000	79	1008
06	ESE	5	7	8	130	7	10	140	8	11	nsw	9	9	9	8	good	95	2000	78	1008
12	WSW	7	9	9	240	9	10	230	9	11	dz	11	11	11	9	good	90	1000	71	1010
18	ESE	4	6	7	110	5	8	110	6	8	dz	11	11	11	10	good	90	1000	64	1010
Monday 06 May 2024																				
00	ESE	4	6	6	130	6	8	130	7	9	nsw	10	10	10	9	mod	94	1000	73	1011
06	ESE	6	8	8	110	7	10	120	8	10	nsw	10	10	9	9	good	93	2000	76	1011
12	SSE	10	11	13	150	11	15	160	12	16	nsw	11	10	10	9	md/gd	88	1000	62	1012
18	SSE	11	15	15	160	15	19	160	16	20	nsw	11	11	11	8	good	85	nlc	46	1013
Tuesday 07 May 2024																				
00	S	8	10	10	180	10	12	180	10	13	dz	9	9	9	9	good	95	nlc	62	1016
06	SSE	10	11	14	160	12	16	150	13	17	ra	10	9	9	8	good	93	500	63	1018
12	SE	9	12	14	130	10	15	130	11	15	nsw	11	11	10	8	good	85	2000	57	1021
18	ESE	13	14	17	120	15	20	120	16	21	nsw	10	10	10	8	good	86	500	55	1022
Wednesday 08 May 2024																				
00	SSE	11	13	16	150	14	18	150	15	19	shra	9	9	9	8	good	91	1000	53	1022
06	SSE	10	12	14	170	13	16	170	14	17	nsw	9	9	9	8	good	89	nlc	67	1021
12	W	12	14	16	280	15	18	280	15	19	ra	11	10	10	8	good	85	1000	78	1022
18	WNW	11	12	15	290	13	16	290	13	17	nsw	10	10	10	7	good	80	2000	68	1024
Thursday 09 May 2024																				
00	WNW	9	11	13	290	10	14	290	11	14	nsw	9	9	8	6	good	83	3500	57	1025

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

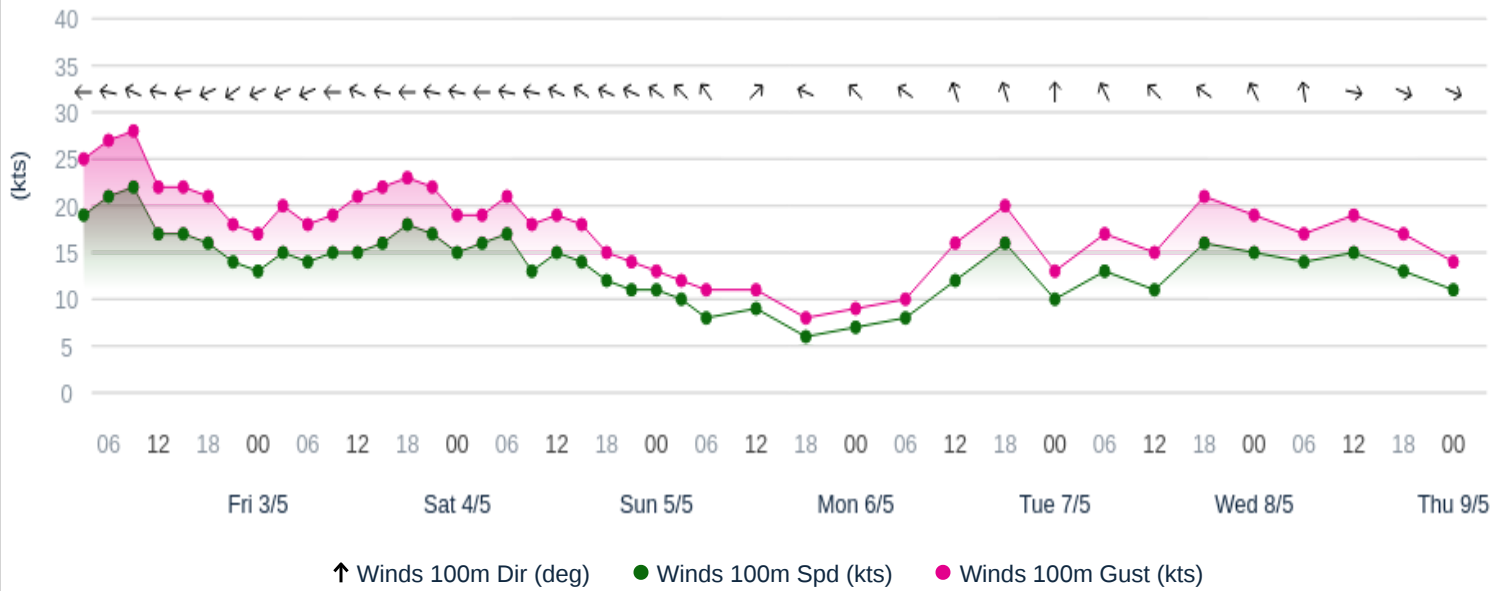
10m Wind Graph - 7 Day **Scapa Flow**



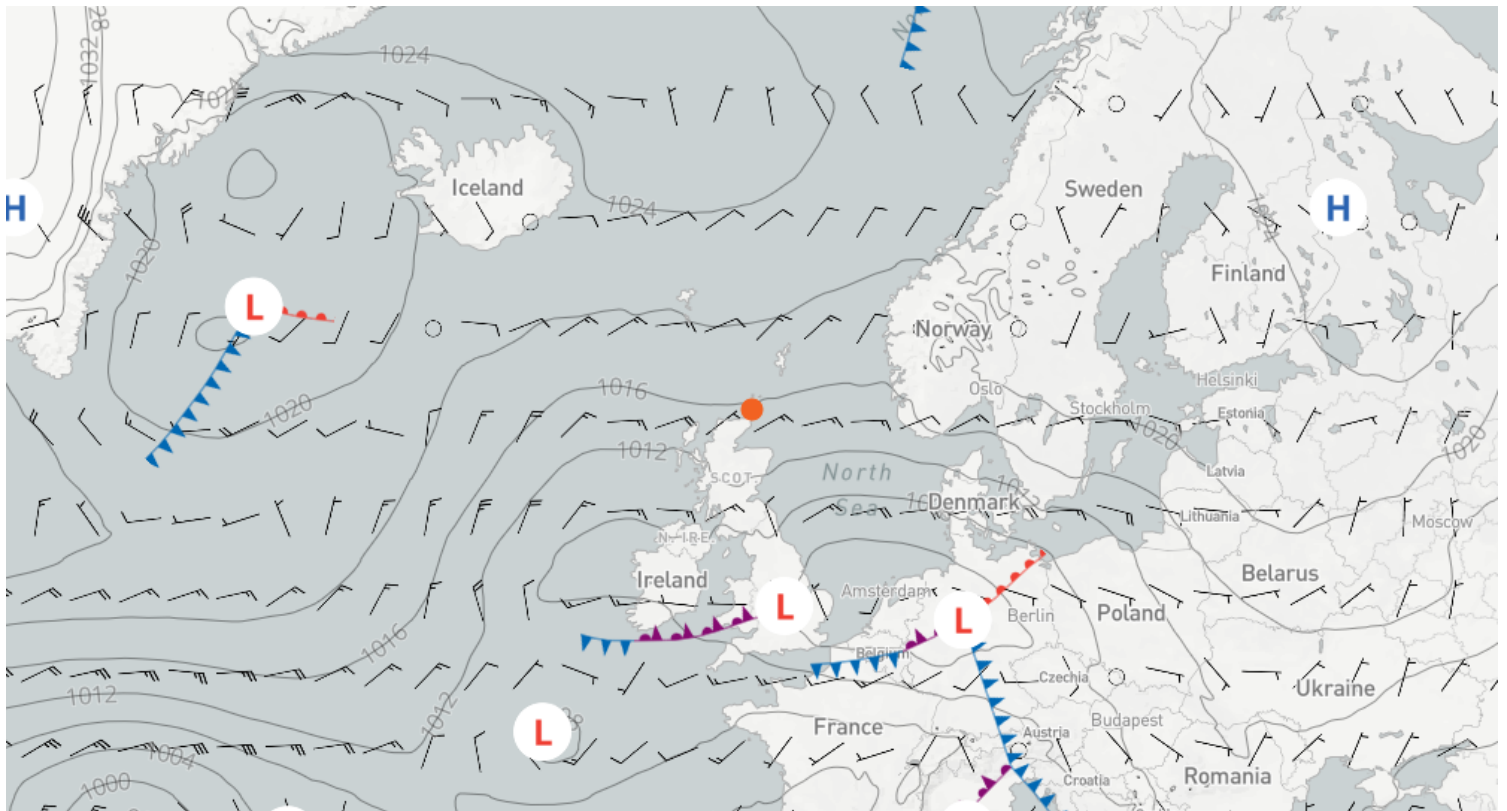
50m Wind Graph - 7 Day **Scapa Flow**



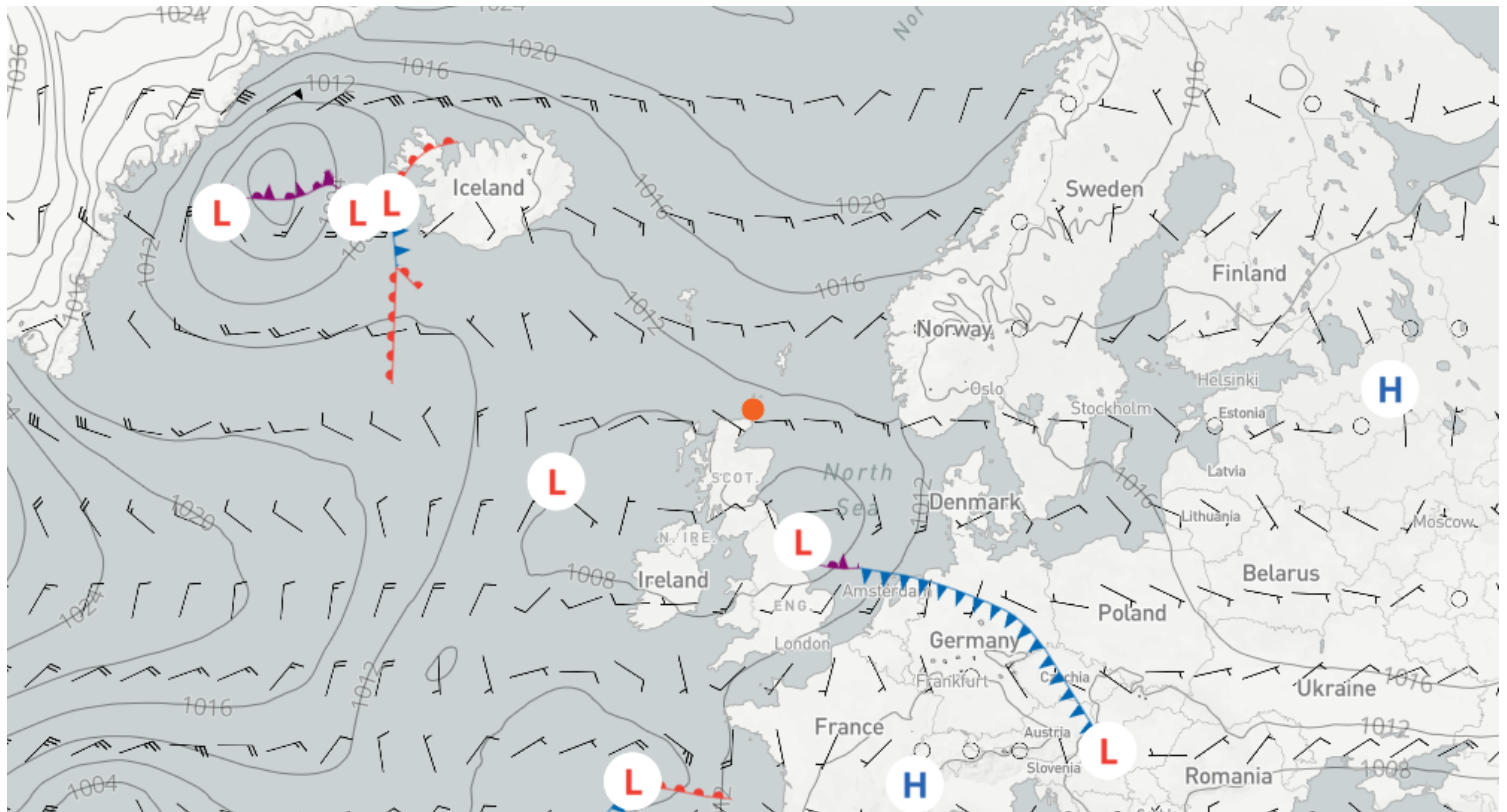
100m Wind Graph - 7 Day Scapa Flow



Issued on 02 May 2024, 00:00 UTC | Forecast for 03 May 2024, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 02 May 2024, 00:00 UTC | Forecast for 04 May 2024, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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