



Single Location Forecast - 7 Day

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

Issued on 20 April 2024, 14:01 UTC

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Meteorological Situation

High pressure is situated over the British Isles. A connected weak ridge will expand northwards over the Orkney Islands towards Norwegian Sea. Low pressure can be found over northern and eastern Europe. Until Monday afternoon/evening high pressure will be forced back to the Atlantic due to a developing low over eastern Europe, heading NW onto Scandinavia. Herein a secondary low will develop over southern Norway and Denmark on Tuesday and Wednesday. Local conditions next 72 hrs: Wind: NNE-ly, light or moderate. Sea temperature: 7-8C.

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 (%)	
Saturday 20 April 2024																				
12	NNE	2	4	5	10	2	5	0	2	5	nsw	6	6	5	-1	good	60	3500	74	1030
15	ESE	4	5	6	110	4	6	110	4	6	nsw	6	6	5	-0	good	64	3500	78	1031
18	SE	5	8	7	140	5	8	140	6	8	ra	5	5	4	1	good	75	3500	79	1031
21	SSE	7	11	9	150	8	10	150	9	11	ra	5	5	4	2	good	83	3500	80	1032
Sunday 21 April 2024																				
00	SSE	9	13	12	170	12	15	170	13	16	ra	5	5	5	3	good	85	3500	80	1032
03	S	10	13	12	180	13	16	180	15	17	ra	6	6	5	4	md/gd	88	2000	80	1031
06	S	9	12	12	190	13	15	200	14	16	ra	6	6	6	5	md/gd	90	1000	80	1032
09	SSW	7	12	9	220	9	11	230	10	12	ra	7	7	7	6	good	90	1000	80	1032
12	W	7	10	9	280	9	11	280	10	12	nsw	9	8	8	7	good	88	1000	80	1032
15	WNW	8	11	12	290	11	15	290	13	16	nsw	9	9	9	7	good	85	3500	80	1032
18	WNW	9	12	13	290	13	17	290	14	18	nsw	9	9	8	7	good	87	3500	80	1031
21	W	9	12	12	280	13	17	280	15	19	nsw	8	8	8	7	good	93	nlc	80	1031
Monday 22 April 2024																				
00	W	10	13	14	280	15	19	290	17	21	nsw	8	8	8	7	good	93	1000	80	1031
03	WNW	11	14	15	290	16	20	290	18	22	nsw	8	8	8	8	good	95	500	79	1029
06	WNW	13	15	18	300	17	23	300	19	25	ra	8	8	8	8	good	95	500	79	1028
09	NW	13	16	19	320	17	22	330	18	23	nsw	9	9	8	7	good	91	1000	71	1028
12	N	14	17	19	340	17	22	340	18	23	nsw	8	8	7	4	good	76	2000	58	1028
15	N	15	17	19	0	17	21	0	19	22	nsw	9	8	8	3	good	69	3500	78	1028
18	N	13	17	16	0	15	19	0	17	20	nsw	8	7	7	3	good	71	nlc	77	1029
21	N	13	18	17	350	17	20	0	18	22	nsw	6	6	6	3	good	77	nlc	64	1029
Tuesday 23 April 2024																				
00	N	12	18	16	10	16	20	10	17	21	nsw	6	5	5	2	good	76	2000	30	1029
03	N	12	18	16	10	15	19	10	17	20	nsw	5	5	5	1	good	73	3500	44	1028



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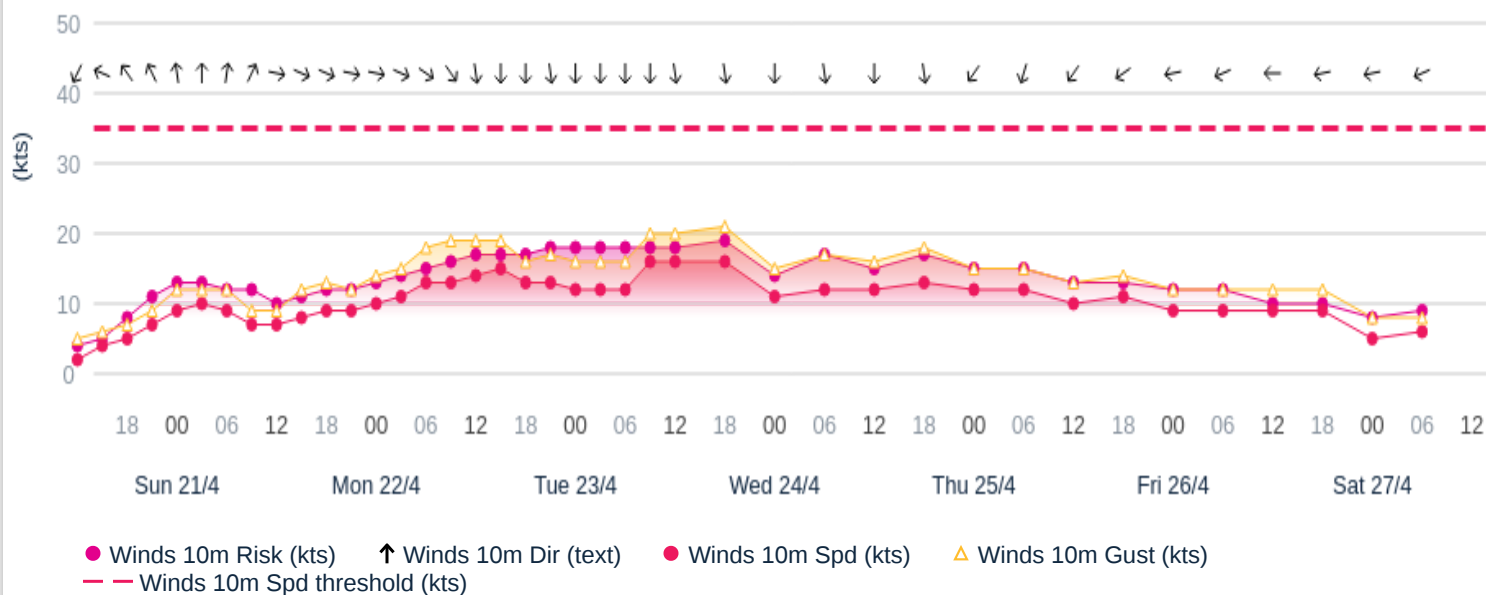
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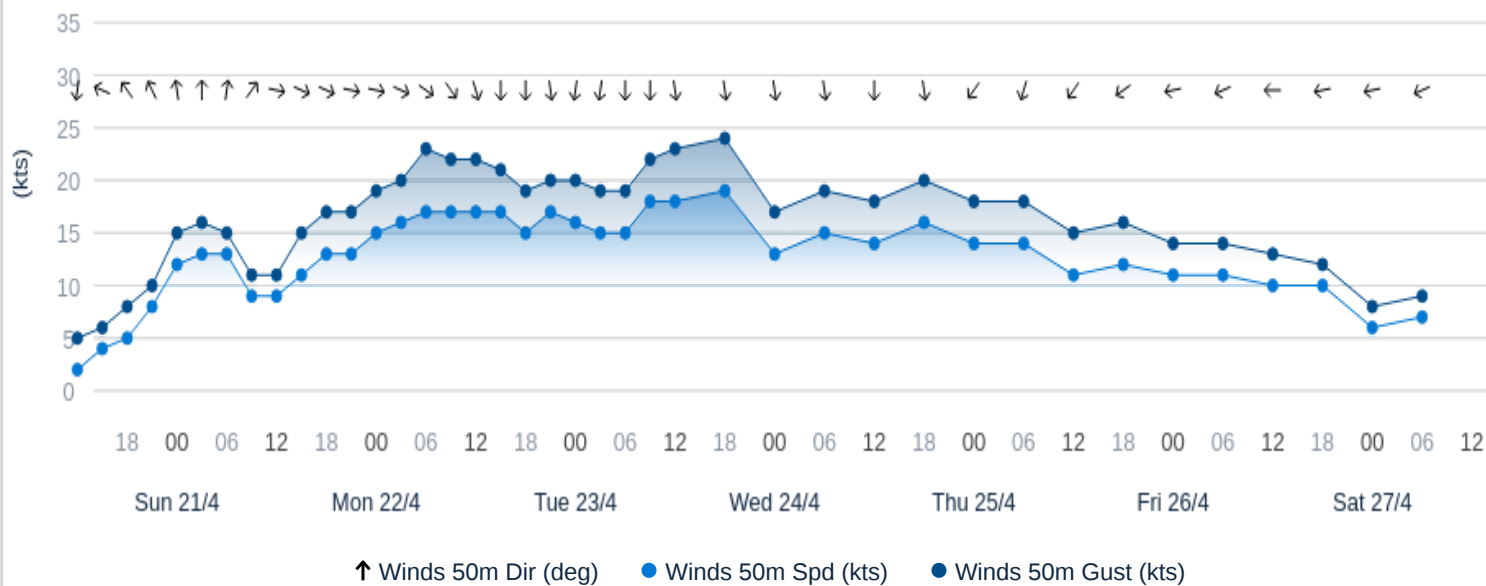
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
06	N	12	18	16	0	15	19	0	16	20	nsw	5	5	5	0	good	70	3500	44	1028
09	N	16	18	20	0	18	22	0	19	23	nsw	6	6	5	1	good	68	3500	78	1027
12	N	16	18	20	350	18	23	350	19	24	nsw	6	6	6	1	good	69	3500	79	1026
18	N	16	19	21	350	19	24	350	20	26	nsw	7	7	6	2	good	72	3500	45	1023
Wednesday 24 April 2024																				
00	N	11	14	15	350	13	17	350	14	18	nsw	6	5	5	1	good	73	3500	75	1021
06	N	12	17	17	350	15	19	350	16	20	nsw	5	5	5	0	good	70	3500	77	1017
12	N	12	15	16	0	14	18	0	14	19	nsw	6	5	5	-0	good	65	3500	77	1016
18	N	13	17	18	350	16	20	350	17	21	nsw	6	6	5	1	good	68	3500	42	1013
Thursday 25 April 2024																				
00	NE	12	15	15	40	14	18	40	15	19	nsw	5	5	4	0	good	71	nlc	29	1012
06	NNE	12	15	15	20	14	18	20	16	19	nsw	5	5	5	1	good	72	3500	57	1010
12	NE	10	13	13	40	11	15	40	12	15	nsw	7	6	6	2	good	70	3500	40	1009
18	ENE	11	13	14	60	12	16	60	13	17	shra	6	6	5	2	good	74	3500	42	1007
Friday 26 April 2024																				
00	E	9	12	12	80	11	14	80	12	15	shra	5	5	4	1	good	77	2000	52	1007
06	ENE	9	12	12	70	11	14	70	13	15	shra	5	5	5	1	good	73	3500	34	1006
12	E	9	10	12	90	10	13	90	10	13	nsw	6	6	6	1	good	68	3500	36	1007
18	E	9	10	12	80	10	12	80	10	13	nsw	7	6	6	1	good	67	3500	49	1008
Saturday 27 April 2024																				
00	E	5	8	8	80	6	8	90	6	8	nsw	5	5	5	2	good	78	2000	56	1009
06	ENE	6	9	8	70	7	9	70	8	10	nsw	6	6	5	2	good	74	2000	44	1009

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

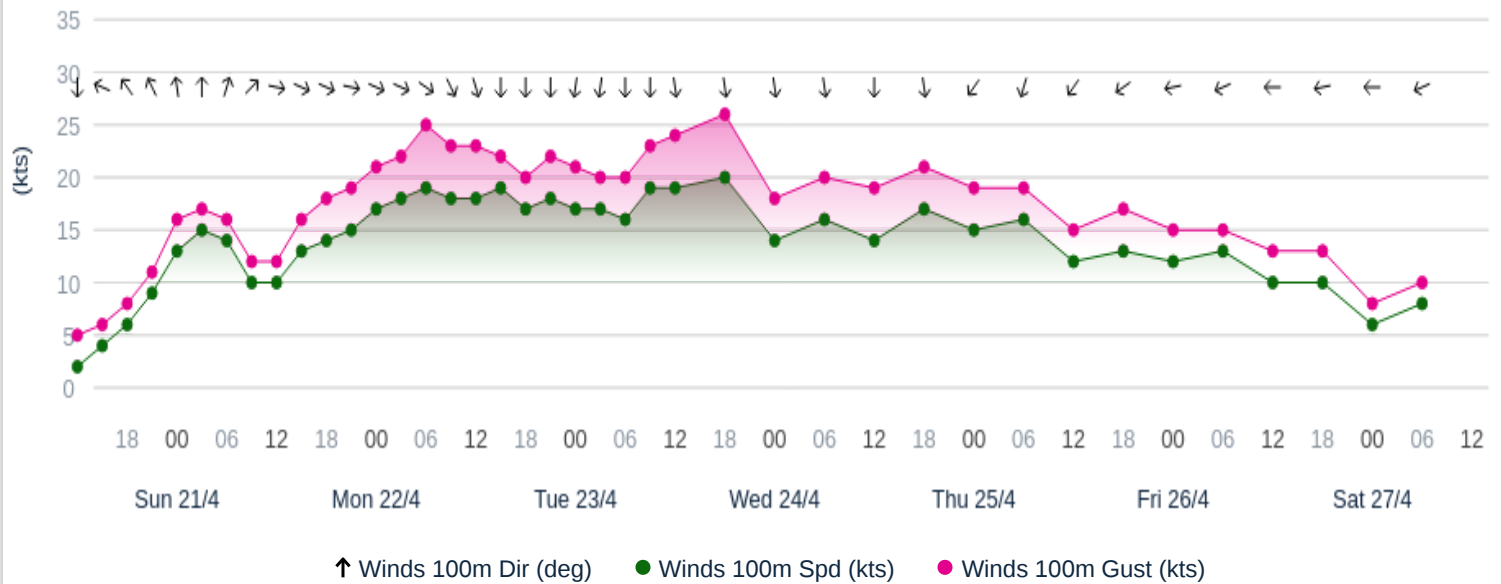
10m Wind Graph - 7 Day Scapa Flow



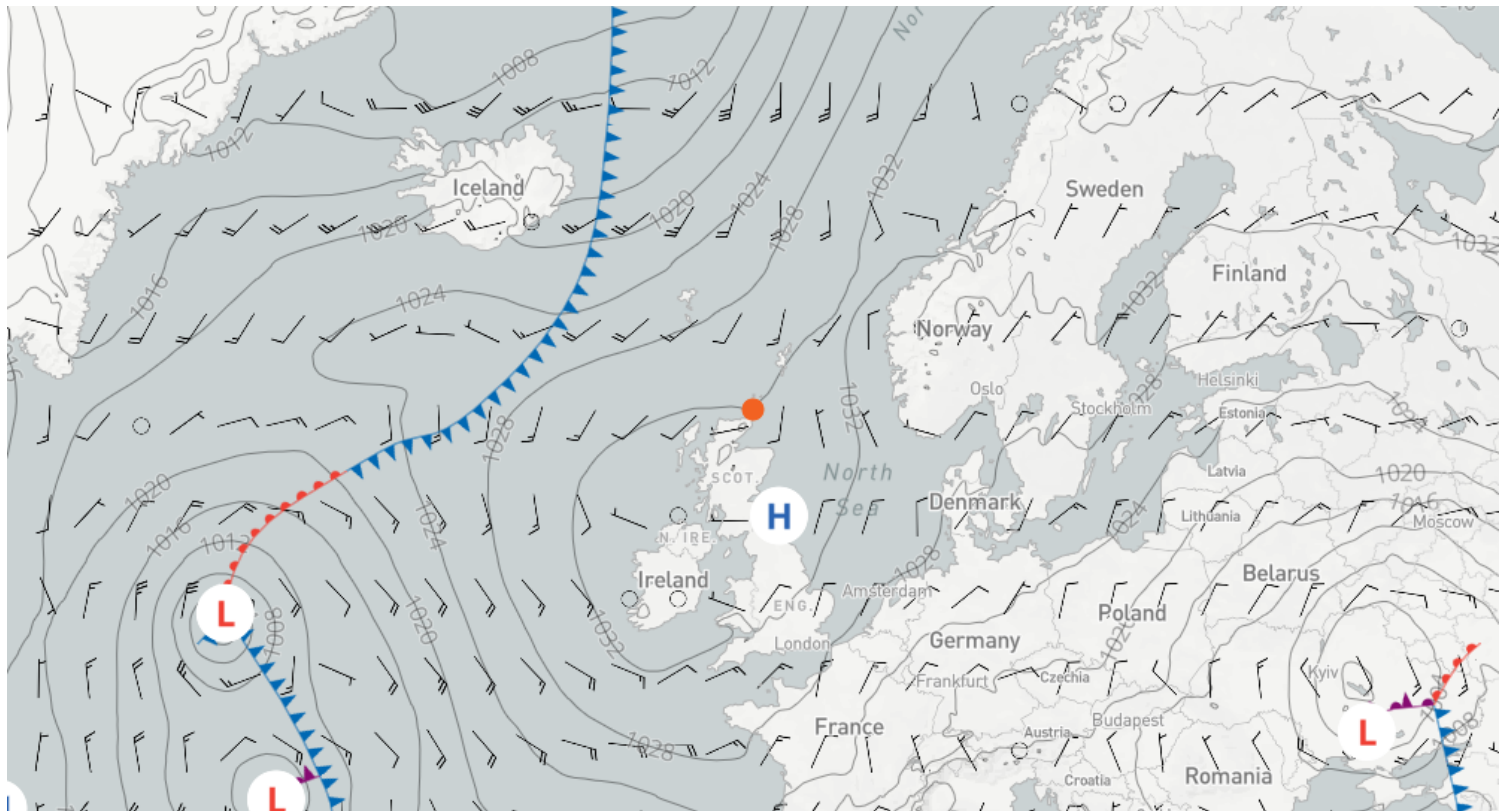
50m Wind Graph - 7 Day Scapa Flow



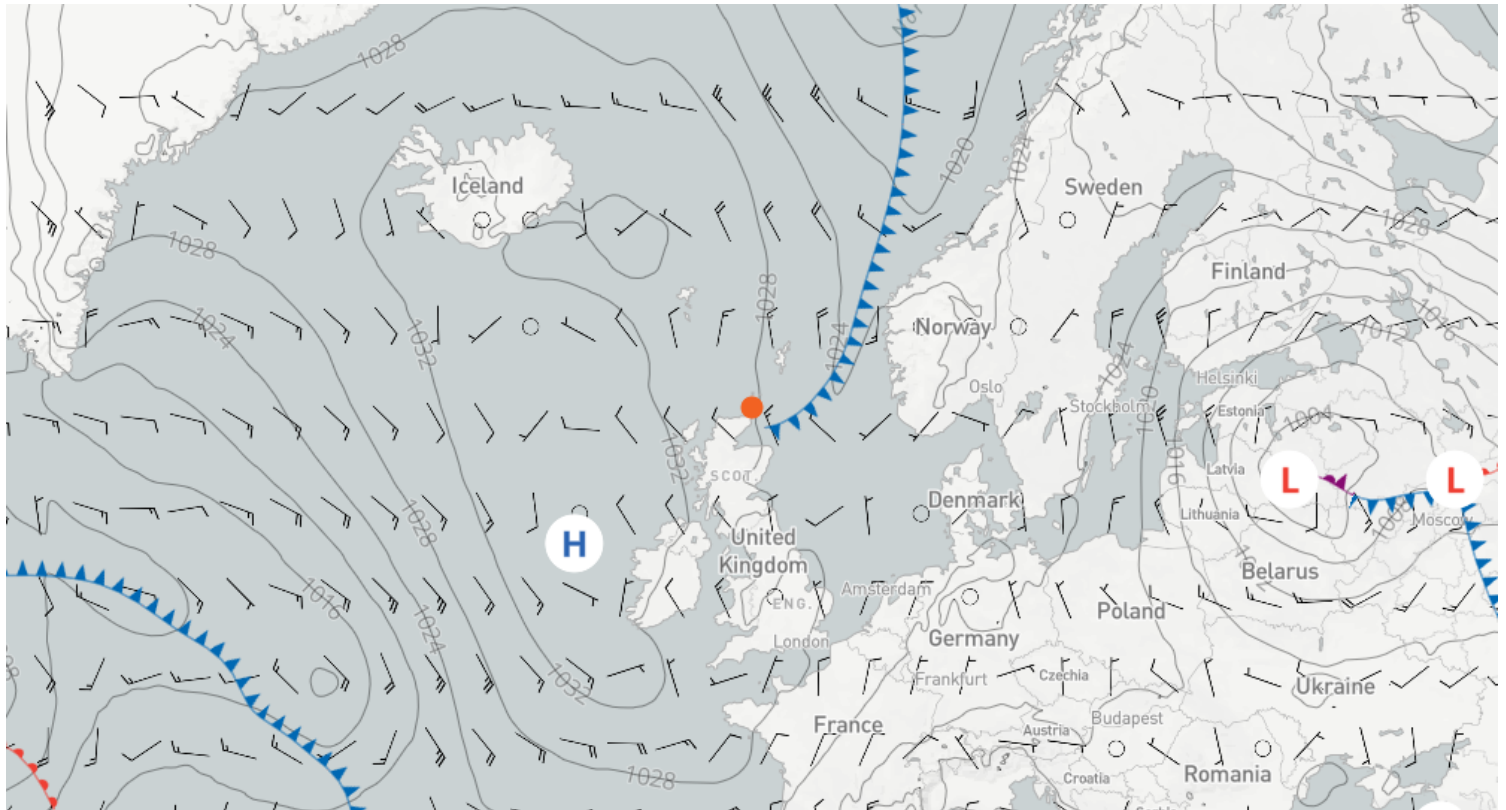
100m Wind Graph - 7 Day Scapa Flow



Issued on 20 April 2024, 12:00 UTC | Forecast for 21 April 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 20 April 2024, 12:00 UTC | Forecast for 22 April 2024, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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