



Single Location Forecast - 7 Day

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

Issued on 29 April 2024, 14:01 UTC

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Meteorological Situation

A stable low pressure system (1002 hPa) over the northern Atlantic (54N/17W) at 12 UTC, will move northeast on 29 and 30 April. A filling low pressure centre (998 hPa) over northern Ireland (55N/08W) at 12 UTC, is expected to move towards the Hebrides (59N/06W) on 29 April. On 30 April, it will dissipate over the northern Atlantic (58N/14W). A stable high pressure system (1019 hPa) is positioned over the Bay of Biscay (45N/03W) at 12 UTC. A stable low pressure centre (998 hPa) is situated over the Faroe Islands (61N/06W) at 12 UTC. Local conditions next 72 hrs: Wind: S-ly, backing to SE, moderate, increasing to fresh breeze, and abating to light on 1 May. Sea temperature: 8-9C.

Warnings (next 24 Hours)

Gale
● Nil

Wind Shear
● Nil

Lightning Risk
● Low

Confidence
● Low

Criteria Levels

Winds 10m Spd
35 kts

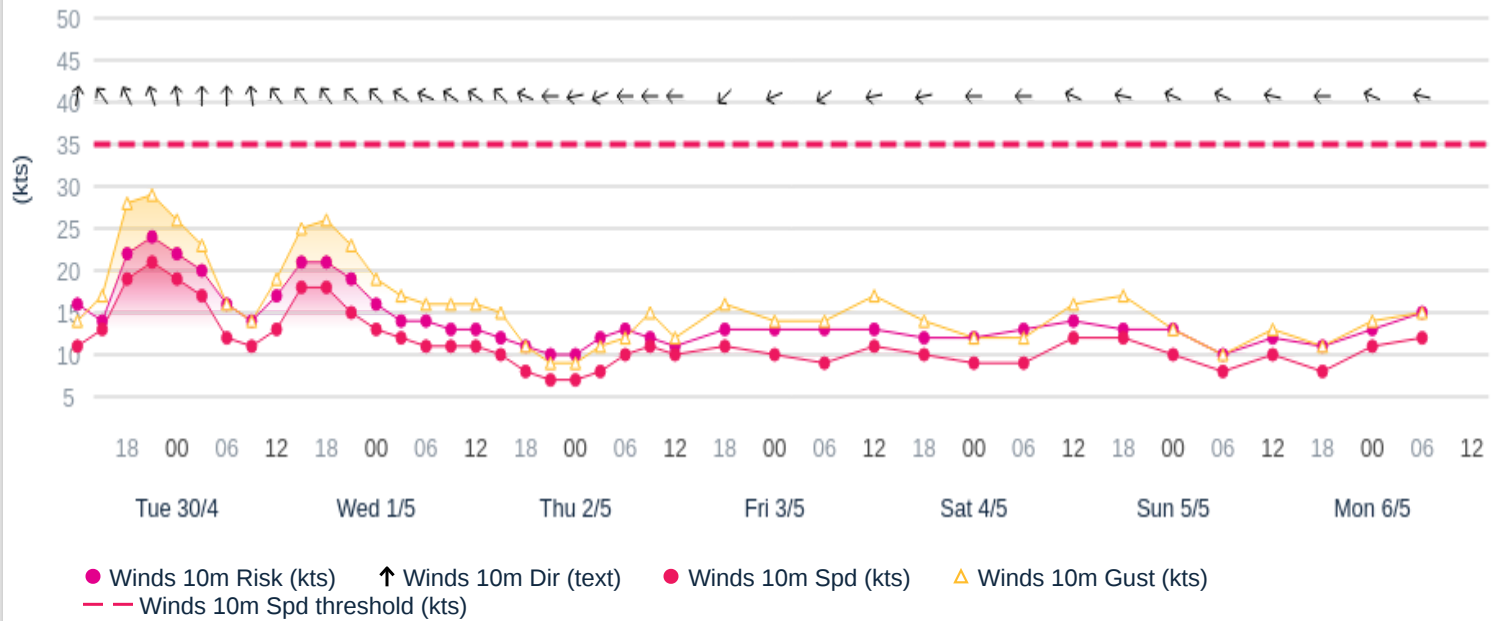
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Monday 29 April 2024																				
12	S	11	16	14	190	12	16	190	13	16	nsw	9	8	8	4	good	73	3500	48	1004
15	SE	13	14	17	140	17	21	150	18	22	nsw	8	8	8	5	good	78	3500	71	1005
18	SSE	19	22	28	150	25	33	150	28	36	nsw	9	9	9	7	good	85	3500	78	1003
21	SSE	21	24	29	160	27	35	160	29	37	shra	9	9	9	7	good	87	3500	70	1004
Tuesday 30 April 2024																				
00	SSE	19	22	26	170	25	32	170	27	34	nsw	9	9	9	7	good	86	2000	69	1004
03	S	17	20	23	180	20	26	180	22	28	nsw	9	9	9	7	good	86	nlc	23	1006
06	S	12	16	16	180	16	20	180	18	21	nsw	9	8	8	6	good	86	nlc	8	1008
09	SSE	11	14	14	170	14	17	170	15	18	nsw	9	9	9	7	good	85	nlc	7	1011
12	SE	13	17	19	140	16	22	150	18	23	nsw	10	10	9	8	good	86	3500	64	1012
15	SE	18	21	25	140	22	29	140	24	31	nsw	10	10	9	7	good	82	nlc	54	1011
18	SE	18	21	26	140	24	32	140	26	34	nsw	10	9	9	7	good	82	nlc	72	1012
21	SE	15	19	23	130	21	28	130	23	30	nsw	9	9	9	7	good	87	nlc	20	1013
Wednesday 01 May 2024																				
00	SE	13	16	19	130	18	24	130	20	26	nsw	9	9	9	7	good	92	nlc	44	1014
03	ESE	12	14	17	120	16	20	120	18	22	nsw	8	8	8	8	good	96	nlc	45	1013
06	ESE	11	14	16	110	14	20	110	16	21	nsw	9	9	9	8	good	96	nlc	36	1014
09	ESE	11	13	16	120	15	20	120	17	21	nsw	9	9	9	8	good	94	500	76	1015
12	ESE	11	13	16	130	14	19	130	16	20	nsw	9	9	9	8	good	93	500	79	1016
15	SE	10	12	15	130	13	18	130	14	19	nsw	10	10	10	8	good	92	500	60	1016
18	ESE	8	11	11	110	10	13	110	10	13	nsw	9	9	9	8	good	93	3500	78	1017
21	E	7	10	9	100	9	12	100	11	13	nsw	8	9	9	8	good	96	2000	79	1018
Thursday 02 May 2024																				
00	E	7	10	9	80	10	13	90	12	14	nsw	9	9	9	8	good	94	2000	61	1018

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 (%)	
03	ENE	8	12	11	80	13	15	80	15	17	nsw	9	9	9	8	good	92	nlc	45	1017
06	E	10	13	12	90	15	17	90	17	19	nsw	10	10	10	8	good	89	nlc	22	1017
09	E	11	12	15	100	14	18	100	16	20	nsw	10	10	10	8	good	86	nlc	51	1018
12	E	10	11	12	100	13	15	110	14	16	nsw	10	10	10	8	good	84	3500	49	1018
18	NE	11	13	16	60	15	21	60	17	23	nsw	10	10	10	8	good	87	nlc	59	1016
Friday 03 May 2024																				
00	ENE	10	13	14	70	16	20	80	18	22	nsw	10	10	10	7	good	87	nlc	34	1016
06	ENE	9	13	14	70	15	19	80	17	22	nsw	10	10	10	8	good	88	nlc	51	1015
12	E	11	13	17	90	15	21	90	17	22	nsw	11	11	11	8	good	84	nlc	18	1014
18	E	10	12	14	80	13	17	80	14	18	nsw	10	10	10	8	good	88	nlc	5	1013
Saturday 04 May 2024																				
00	E	9	12	12	90	13	16	100	14	17	nsw	9	9	9	8	good	92	nlc	35	1012
06	E	9	13	12	90	13	15	90	14	16	nsw	9	9	9	7	good	89	nlc	38	1010
12	ESE	12	14	16	110	15	19	110	16	21	nsw	10	10	10	8	good	88	500	57	1009
18	E	12	13	17	100	16	20	100	17	22	nsw	9	9	9	8	good	90	200	59	1008
Sunday 05 May 2024																				
00	ESE	10	13	13	120	13	16	120	14	17	nsw	9	9	9	8	good	92	1000	74	1008
06	ESE	8	10	10	120	10	12	120	11	13	nsw	9	9	9	8	good	94	nlc	31	1007
12	E	10	12	13	100	12	16	110	13	17	nsw	9	9	9	8	good	92	500	79	1008
18	E	8	11	11	90	10	13	90	11	14	nsw	10	9	9	7	good	84	nlc	39	1009
Monday 06 May 2024																				
00	ESE	11	13	14	110	15	17	110	17	19	nsw	9	9	9	8	good	91	1000	80	1010
06	E	12	15	15	100	15	19	100	17	20	ra	9	9	9	8	good	92	1000	79	1011

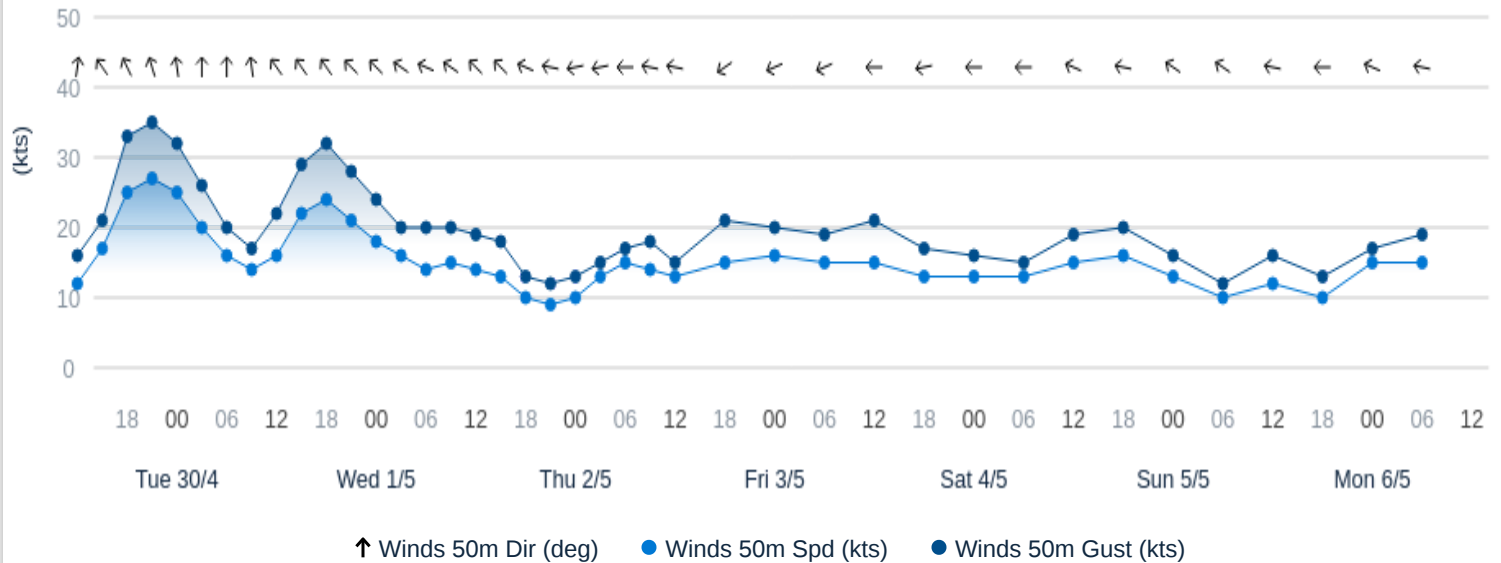
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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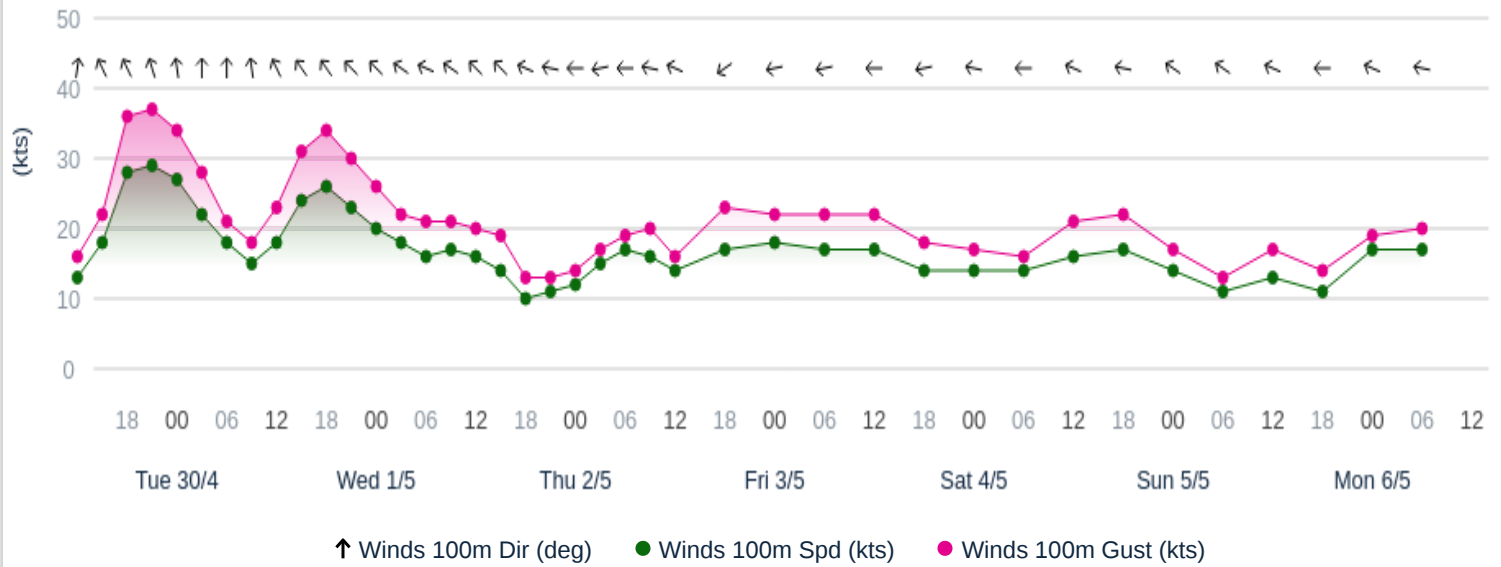
10m Wind Graph - 7 Day Scapa Flow



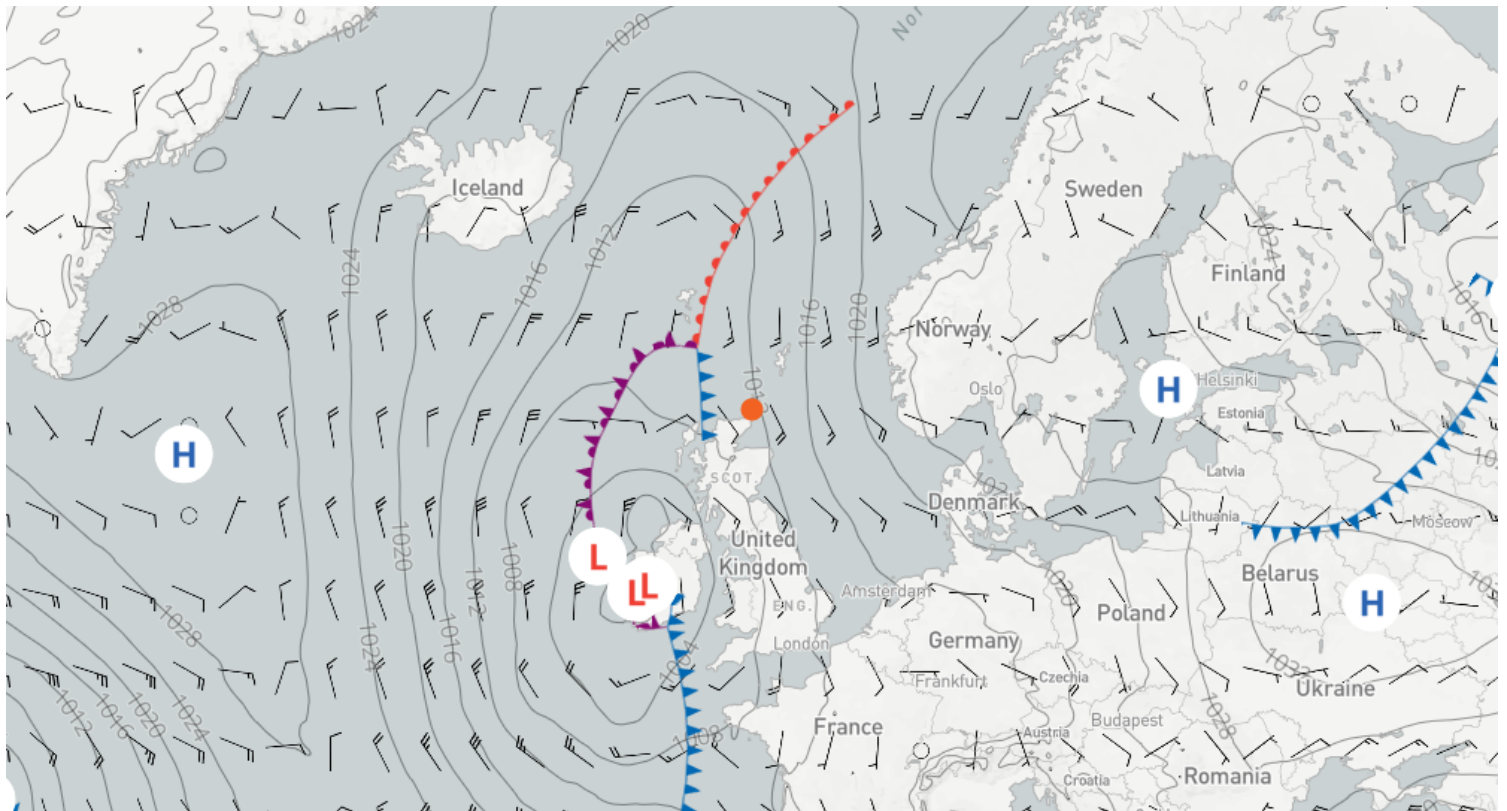
50m Wind Graph - 7 Day Scapa Flow



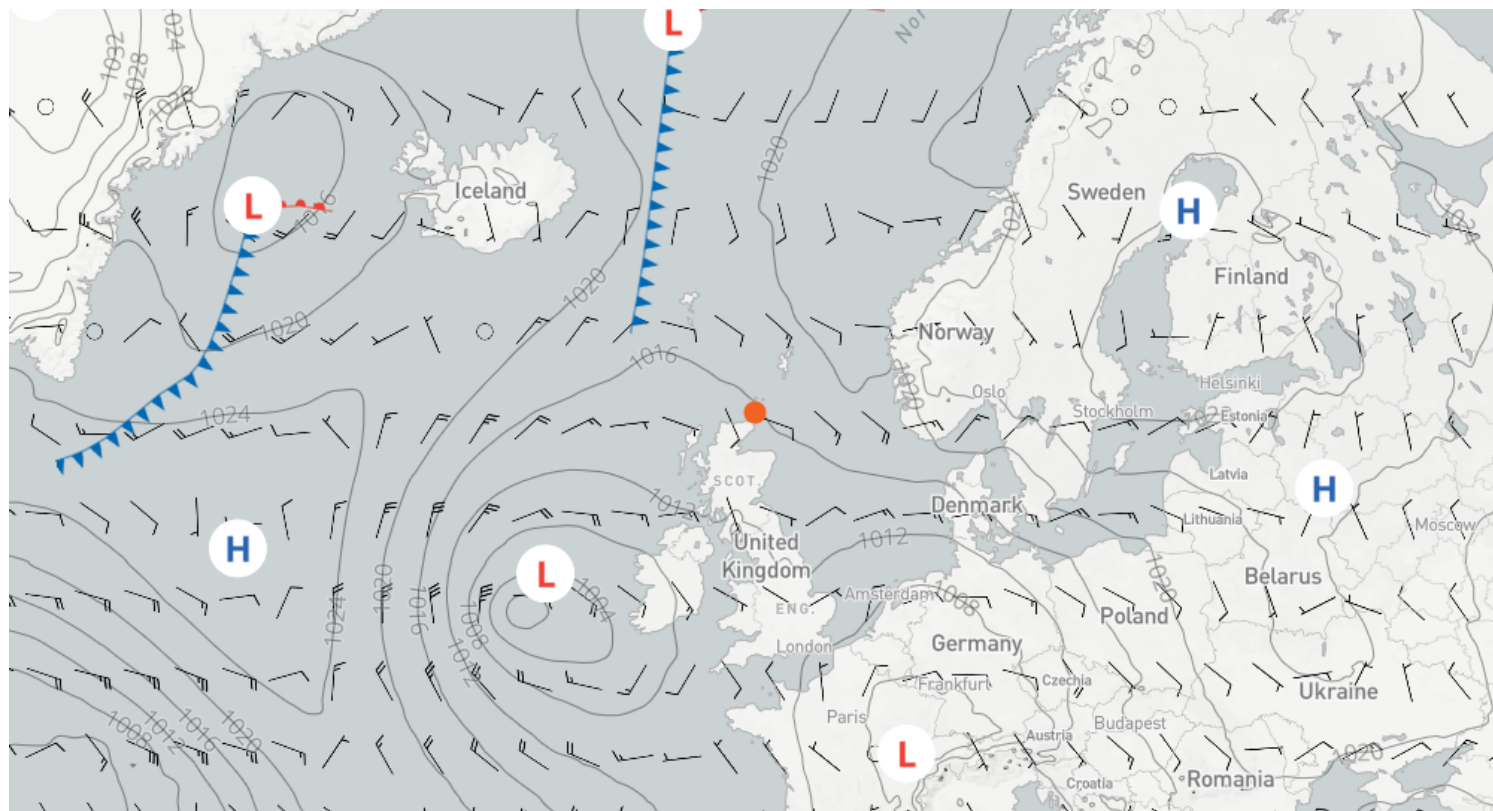
100m Wind Graph - 7 Day Scapa Flow



Issued on 29 April 2024, 12:00 UTC | Forecast for 30 April 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 29 April 2024, 12:00 UTC | Forecast for 01 May 2024, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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