



Single Location Forecast - 7 Day

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

Issued on 23 April 2024, 14:01 UTC

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Meteorological Situation

An oblong high (1033hPa) is located over the Atlantic, west of Ireland and is connected to a high (1030hPa) just northwest of the Azores. Meanwhile a low (1003hPa) is located over Finland with a trough via Sweden into Denmark. The pressure gradient is rather weak over Scapa Flow with mainly moderate winds, but might increase to fresh at times. The weather will be fine. Overnight the high is expected to expand over the entire UK with decreasing winds over Scapa Flow and fine weather is expected to prevail. During the evening and night to Thursday the pressure gradient is expected to increase slightly over Scotland. From Thursday onwards low pressure is expected to expand over the Baltic, the North Sea, the Norwegian Sea, the UK and the English Channel. The weather is going to deteriorate with rain at times. On Sunday a low over England is expected to move northwards where it on Monday is expected to merge with a complex low over the Atlantic and Iceland. Local conditions next 72 hrs: Wind: N-ly, backing to NW, moderate or fresh. 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	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)
Tuesday 23 April 2024																				
12	N	16	19	21	0	18	24	0	19	25	nsw	6	6	5	1	good	71	3500	71	1027
15	N	16	19	21	0	18	24	0	19	25	nsw	6	6	5	1	good	67	3500	53	1026
18	N	16	19	21	0	18	24	0	19	25	nsw	6	5	5	-0	good	65	3500	53	1026
21	N	14	18	19	0	18	24	0	20	26	nsw	5	5	4	-0	good	67	3500	54	1025
Wednesday 24 April 2024																				
00	N	12	16	17	0	15	20	0	16	22	nsw	5	4	4	-0	good	70	3500	59	1024
03	N	10	15	14	350	13	18	350	16	21	nsw	5	4	4	-1	good	68	3500	41	1023
06	NNW	10	14	14	350	13	18	350	14	19	nsw	5	5	4	-0	good	69	3500	46	1022
09	NW	10	13	14	330	12	17	330	13	18	nsw	6	5	5	-0	good	64	nlc	22	1020
12	NW	12	15	17	310	14	19	310	15	20	nsw	7	6	6	-0	good	62	3500	36	1018
15	NW	15	17	21	310	18	24	310	19	25	dz	6	6	6	0	good	65	3500	64	1015
18	NW	16	19	22	330	19	25	330	20	26	nsw	6	6	5	1	good	70	3500	73	1013
21	NNW	14	18	19	340	17	22	350	19	23	nsw	5	5	5	0	good	68	3500	79	1011
Thursday 25 April 2024																				
00	N	11	17	15	350	14	18	350	15	19	nsw	5	5	4	-1	good	68	nlc	34	1010
03	N	10	16	14	0	13	17	0	15	18	nsw	5	5	4	1	good	74	3500	35	1007
06	NNE	10	15	13	20	13	16	30	14	17	nsw	5	5	5	0	good	69	3500	65	1007
09	NE	9	12	12	40	11	14	40	12	15	dz	6	6	5	0	good	68	3500	79	1007
12	NE	9	10	11	50	9	12	50	10	12	nsw	6	6	5	0	good	64	3500	69	1007
15	NNE	7	8	9	40	7	9	50	7	9	nsw	6	6	6	-1	good	61	3500	63	1007
18	NNE	6	8	8	30	7	9	40	7	9	nsw	6	6	5	-0	good	65	3500	72	1007
21	NE	5	8	6	40	5	7	40	5	7	nsw	5	5	4	0	good	72	3500	79	1007



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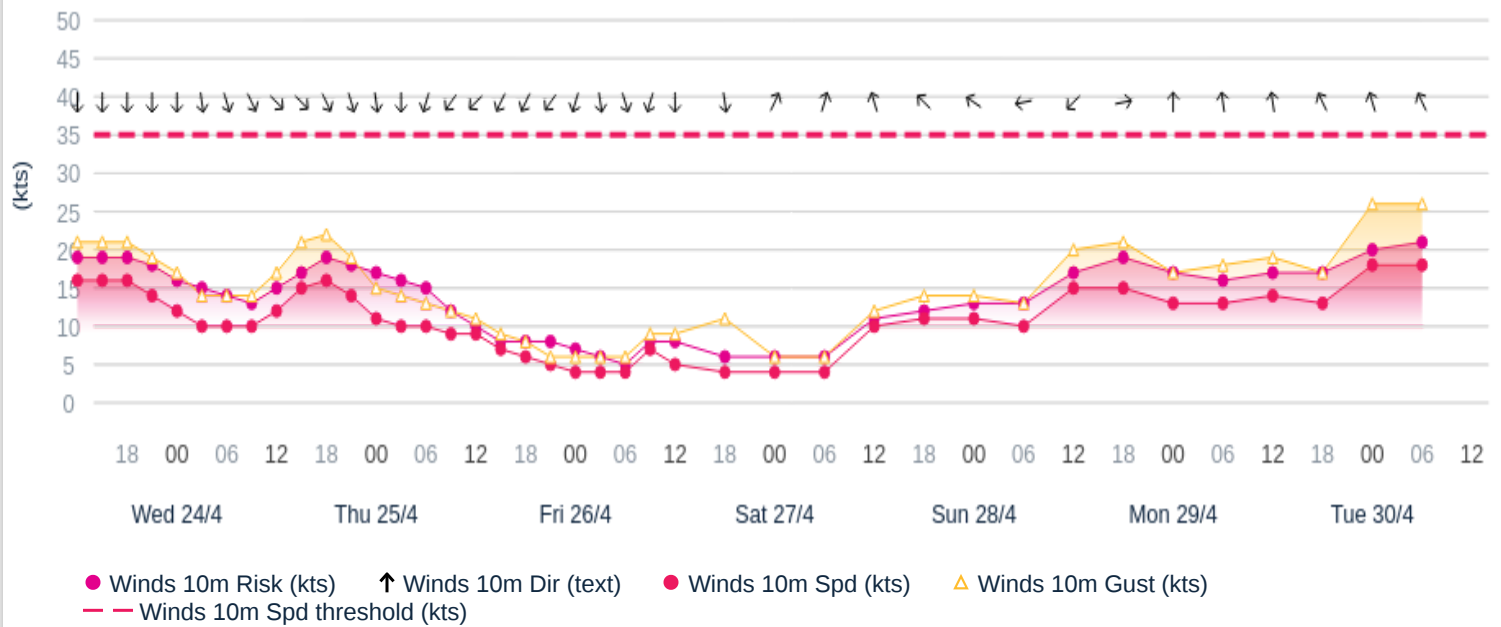
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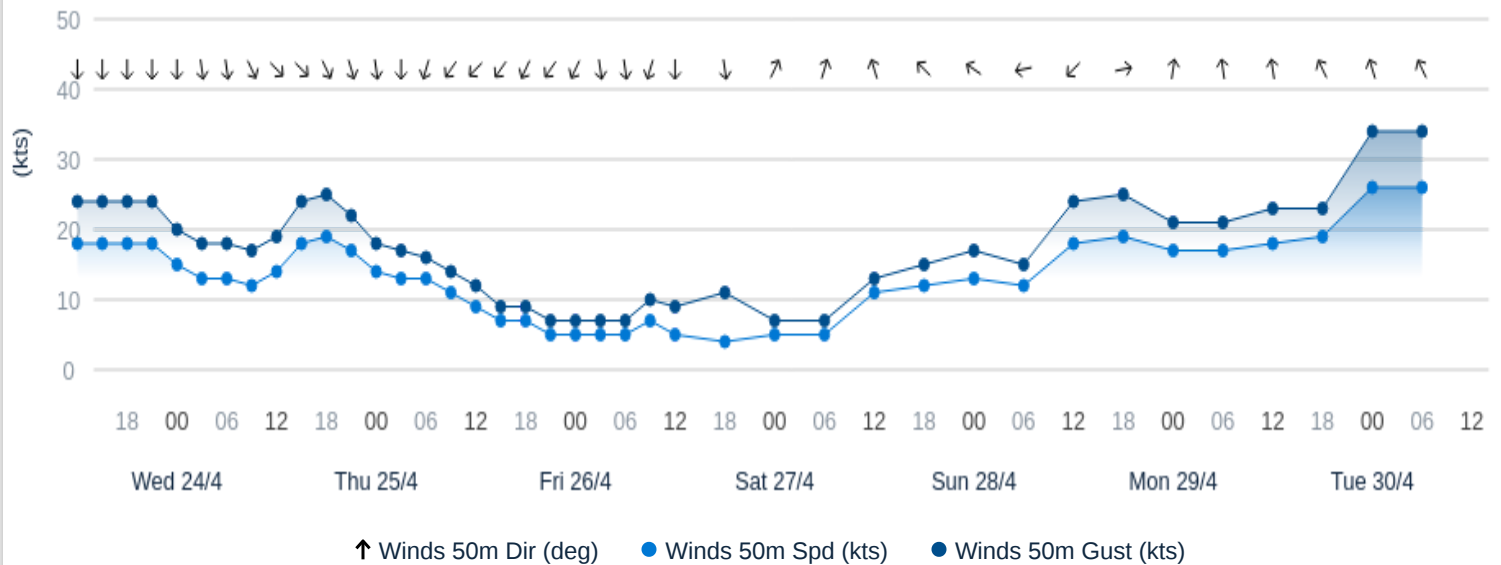
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
Friday 26 April 2024																				
00	NNE	4	7	6	30	5	7	30	5	7	nsw	5	4	4	1	good	78	3500	77	1007
03	N	4	6	6	350	5	7	0	6	8	nsw	4	4	4	1	good	81	nlc	77	1006
06	NNW	4	5	6	350	5	7	0	5	7	nsw	5	4	4	2	good	81	2000	78	1007
09	NNE	7	8	9	20	7	10	20	7	10	nsw	6	6	5	0	good	66	3500	57	1006
12	N	5	8	9	0	5	9	0	6	10	nsw	6	6	6	0	good	64	3500	48	1006
18	N	4	6	11	350	4	11	350	4	11	nsw	6	6	6	1	good	68	3500	37	1006
Saturday 27 April 2024																				
00	SSW	4	6	6	210	5	7	220	5	7	nsw	5	5	5	2	good	80	nlc	12	1006
06	SSW	4	6	6	200	5	7	210	5	7	nsw	5	5	5	3	good	83	nlc	24	1005
12	SSE	10	11	12	160	11	13	160	11	14	nsw	7	7	6	1	good	67	3500	34	1007
18	SE	11	12	14	130	12	15	140	13	16	nsw	7	7	6	2	good	72	nlc	26	1007
Sunday 28 April 2024																				
00	ESE	11	13	14	120	13	17	120	15	18	ra	6	6	6	4	good	82	3500	36	1006
06	E	10	13	13	80	12	15	80	13	16	dz	7	6	6	4	good	81	3500	79	1004
12	NE	15	17	20	50	18	24	50	19	25	ra	7	7	6	5	md/gd	85	2000	78	1003
18	WSW	15	19	21	260	19	25	270	20	27	ra	7	7	6	5	good	85	2000	65	1003
Monday 29 April 2024																				
00	S	13	17	17	190	17	21	190	19	23	nsw	7	7	6	4	good	85	nlc	44	1007
06	SSE	13	16	18	170	17	21	170	19	23	nsw	7	7	7	4	good	83	nlc	75	1009
12	SSE	14	17	19	170	18	23	170	20	24	nsw	9	8	8	5	good	80	3500	54	1011
18	SSE	13	17	17	150	19	23	160	21	26	nsw	9	9	9	6	good	81	nlc	66	1011
Tuesday 30 April 2024																				
00	SSE	18	20	26	160	26	34	160	30	37	nsw	9	8	8	6	good	83	nlc	77	1011
06	SSE	18	21	26	150	26	34	150	30	37	nsw	9	8	8	6	good	84	nlc	79	1011

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

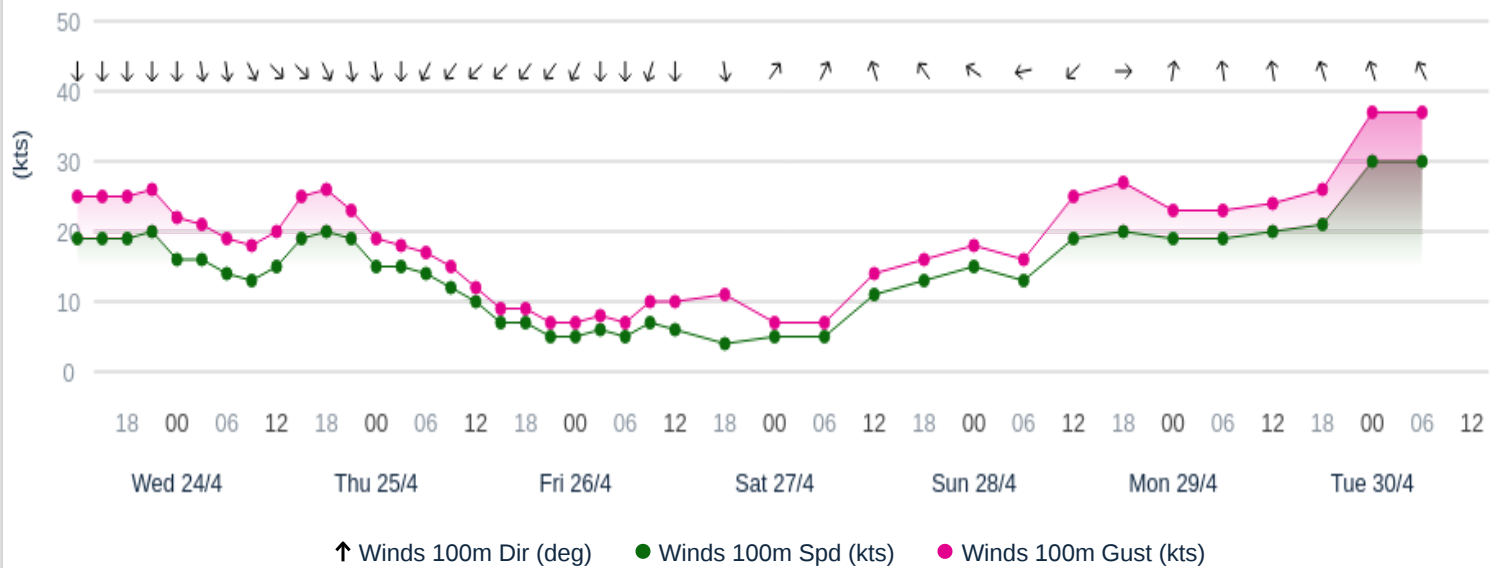
10m Wind Graph - 7 Day Scapa Flow



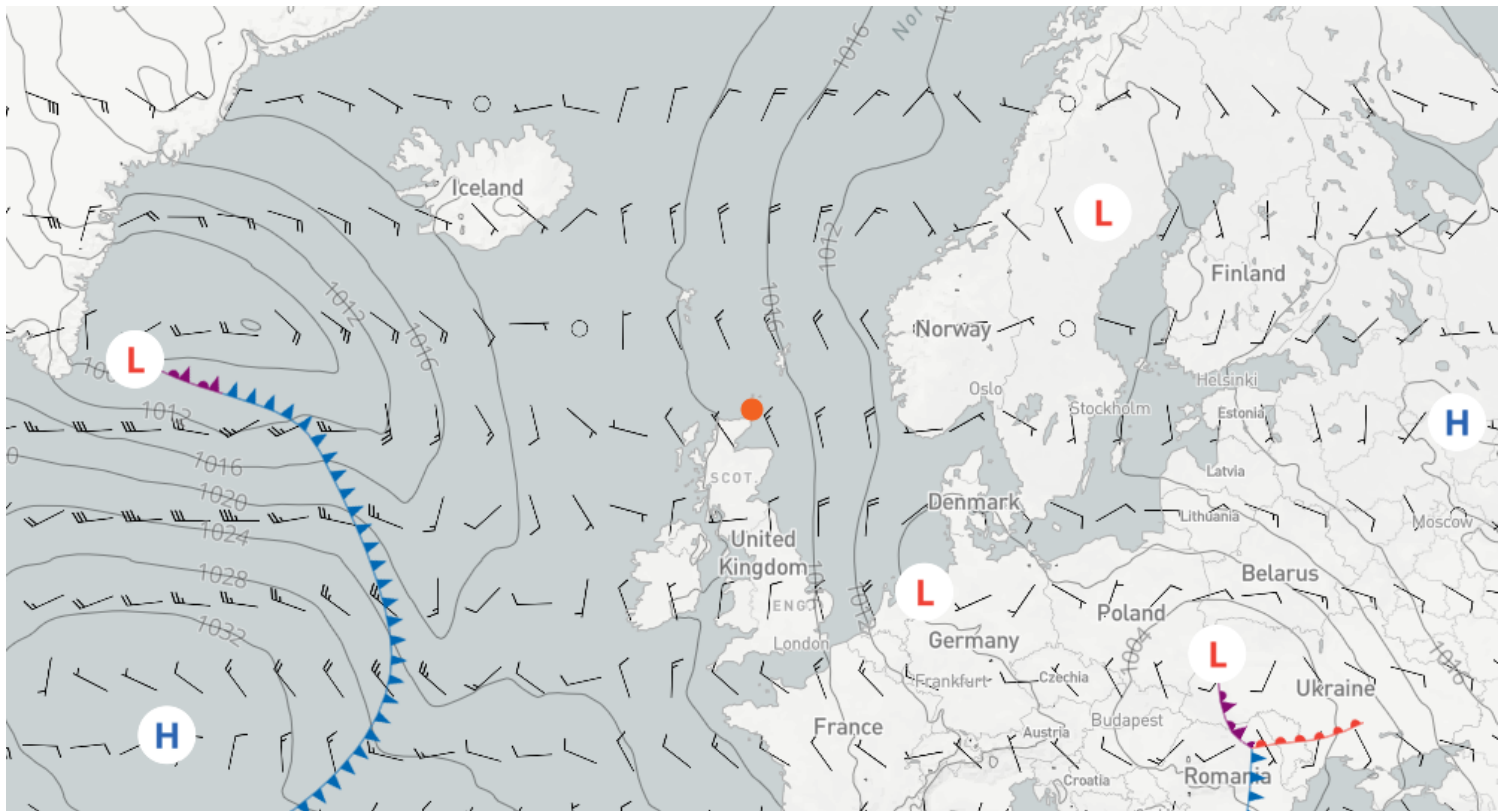
50m Wind Graph - 7 Day Scapa Flow



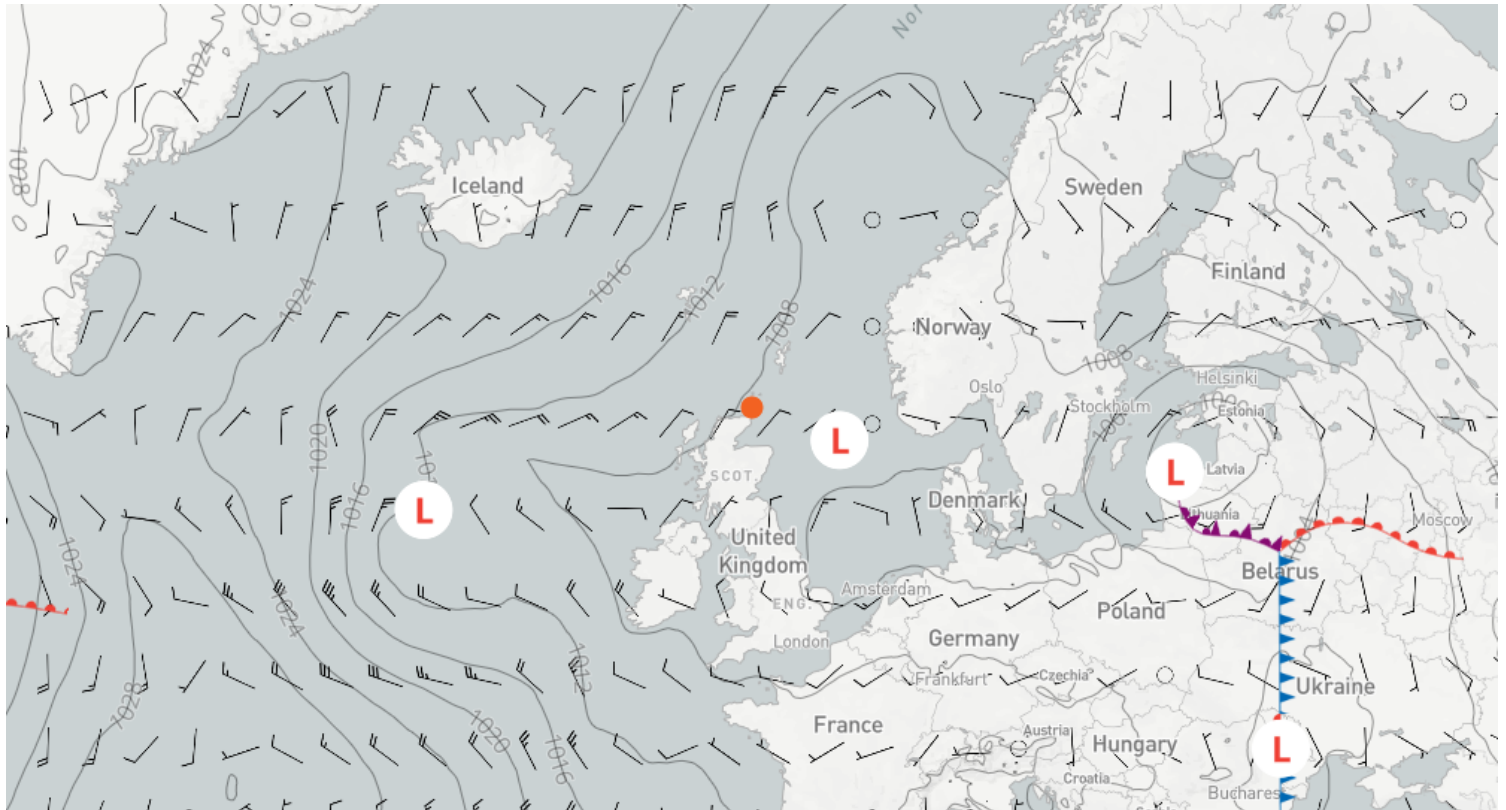
100m Wind Graph - 7 Day Scapa Flow



Issued on 23 April 2024, 12:00 UTC | Forecast for 24 April 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 23 April 2024, 12:00 UTC | Forecast for 25 April 2024, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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