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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, 04:01 UTC

Meteorological Situation

High pressure over the Atlantic margin will gradually pushed back to the Atlantic due to developing low pressure over Scandinavia and Denmark. Through the next days a rather shallow low pressure pattern will cover the North Sea and Orkney Islands. At the end of the week and the following weekend a new low will arrive from the south. Around Sunday noon-time its centre will shift across the North Sea towards the Norwegian Sea. Local conditions next 72 hrs: Wind: NNW-ly, moderate or fresh breeze. Sea temperature: 7-8C.

Warnings (next 24 Hours)

Gale	Wind Shear	Lightning Risk	Confidence
Nil	Nil	Low	Low

Criteria Levels

Winds 10m Spd
35 kts

	Winds										Weather									
	10m				50m			100m			Type	Air						Cloud		MSLP
UTC	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																				
03	NNW	9	16	13	340	12	16	340	14	17	nsw	6	6	5	2	good	73	3500	68	1029
06	NNW	11	17	15	340	14	18	340	16	19	nsw	7	6	6	2	good	73	3500	74	1028
09	N	14	17	19	350	17	21	350	18	22	nsw	7	6	6	1	good	68	3500	77	1027
12	N	14	17	18	0	16	20	0	17	21	nsw	7	6	6	1	good	68	3500	64	1027
15	N	14	17	18	0	17	21	0	18	22	nsw	7	6	6	1	good	66	3500	56	1026
18	N	13	17	17	350	16	20	0	17	21	nsw	6	6	5	0	good	67	3500	50	1026
21	N	12	17	15	350	15	19	350	17	21	nsw	5	5	4	0	good	68	3500	51	1025
Wednesday 24 April 2024																				
00	N	10	16	13	0	13	17	0	15	18	nsw	5	5	4	-0	good	70	3500	44	1024
03	N	8	14	12	350	11	14	350	13	16	nsw	5	4	4	-0	good	71	nlc	26	1023
06	N	8	13	11	350	10	13	350	11	14	nsw	5	4	4	-0	good	69	nlc	26	1021
09	NW	9	11	11	330	10	12	330	10	13	nsw	6	5	5	-0	good	65	nlc	18	1020
12	NW	10	13	14	310	12	15	310	12	16	nsw	7	6	6	0	good	65	nlc	25	1018
15	NW	13	16	17	310	15	20	310	16	20	nsw	7	6	6	1	good	68	3500	65	1016
18	NW	14	17	18	320	17	21	320	18	22	nsw	6	6	5	1	good	72	2000	67	1013
21	NNW	12	17	17	330	16	20	330	18	22	nsw	5	5	5	0	good	69	3500	78	1012
Thursday 25 April 2024																				
00	N	11	16	15	350	15	18	350	17	20	nsw	5	5	4	0	good	70	3500	44	1010
03	N	11	15	15	350	14	18	350	16	19	nsw	5	5	4	0	good	72	nlc	46	1008
06	N	11	15	15	10	14	18	10	16	19	nsw	5	5	5	0	good	69	3500	54	1008
09	N	13	15	17	10	15	18	10	16	19	nsw	6	5	5	0	good	68	3500	76	1008
12	NNE	12	13	16	20	13	17	20	13	17	nsw	6	6	6	-0	good	63	3500	62	1008
15	NNE	11	12	15	30	11	15	30	12	15	nsw	6	6	6	-0	good	62	3500	52	1007
18	NE	9	10	12	50	10	12	50	10	13	nsw	6	6	5	-0	good	64	3500	46	1007

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	Winds										Weather									
	10m				50m			100m			Type	Air						Cloud		MSLP
UTC	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)
21	NE	7	11	10	40	9	11	50	10	12	nsw	5	5	5	0	good	70	3500	46	1006
Friday 26 April 2024																				
00	NNE	7	9	9	20	8	10	20	8	10	nsw	5	5	4	1	good	73	3500	44	1006
03	NNE	7	9	10	20	8	11	20	9	11	nsw	5	5	4	1	good	75	3500	42	1006
06	N	7	9	10	10	8	11	20	9	12	nsw	5	5	4	1	good	77	3500	40	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

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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Orkney Harbour DTNO_REF_19049545

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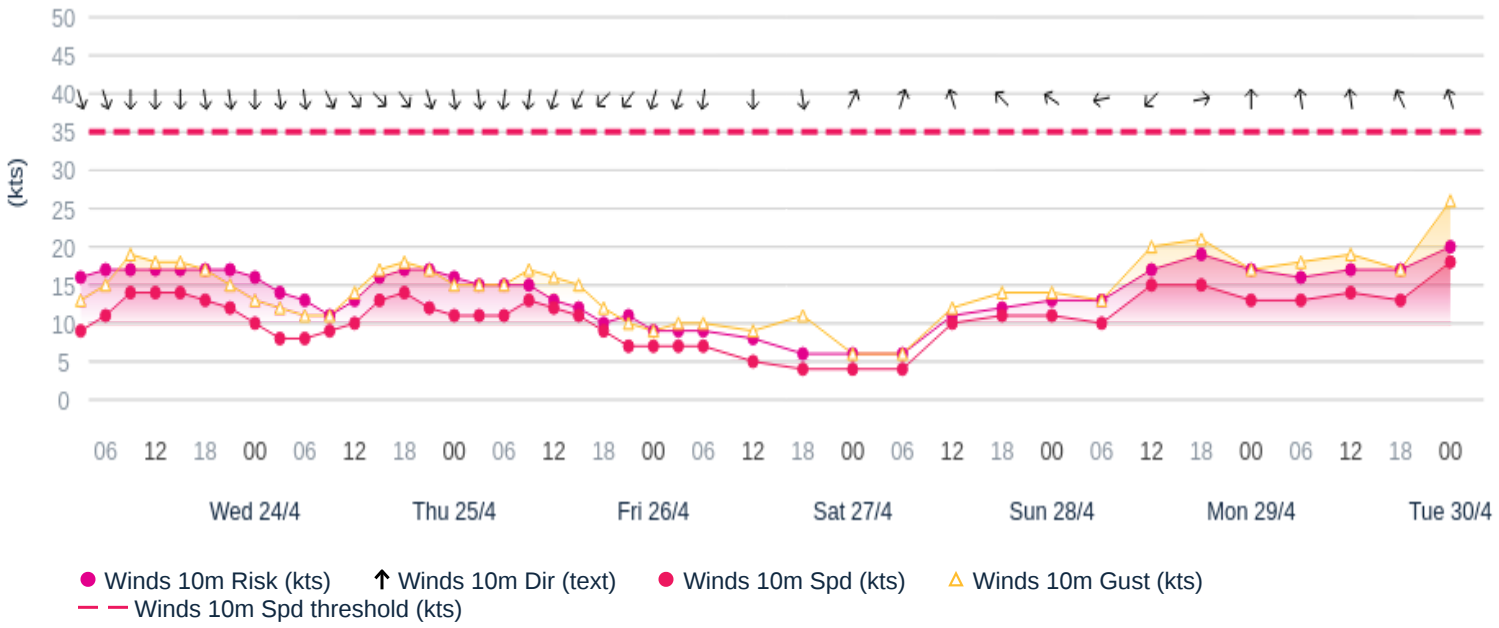
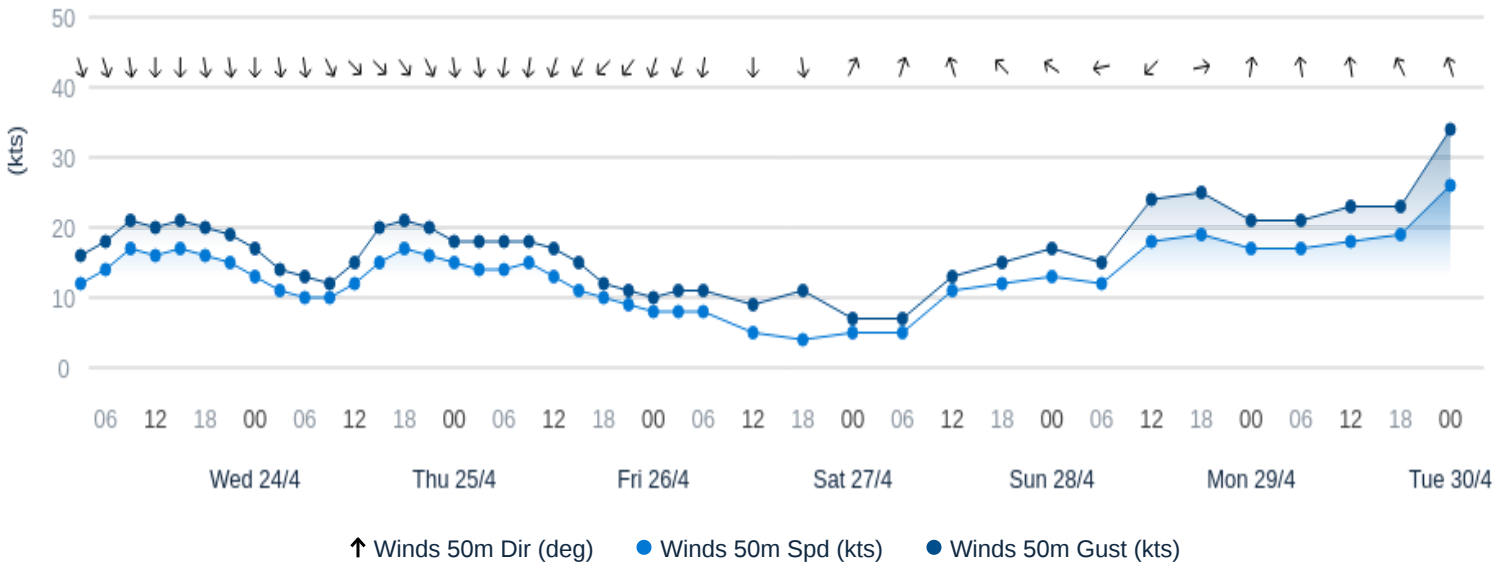
10m Wind Graph - 7 Day **Scapa Flow**



Winds 10m Risk (kts) · Winds 10m Dir (text) · Winds 10m Spd (kts) · Winds 10m Gust (kts)
Winds 10m Spd threshold (kts)

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



Winds 50m Dir (deg) · Winds 50m Spd (kts) · Winds 50m Gust (kts)

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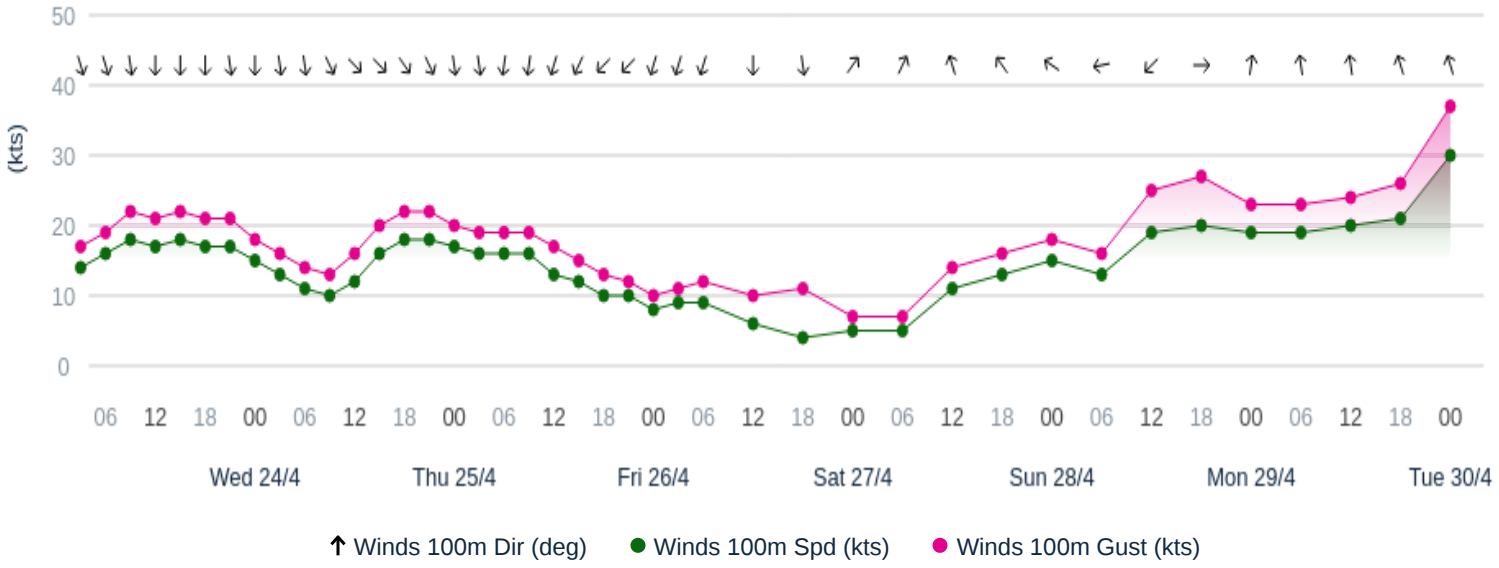
100m Wind Graph - 7 Day **Scapa Flow**



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

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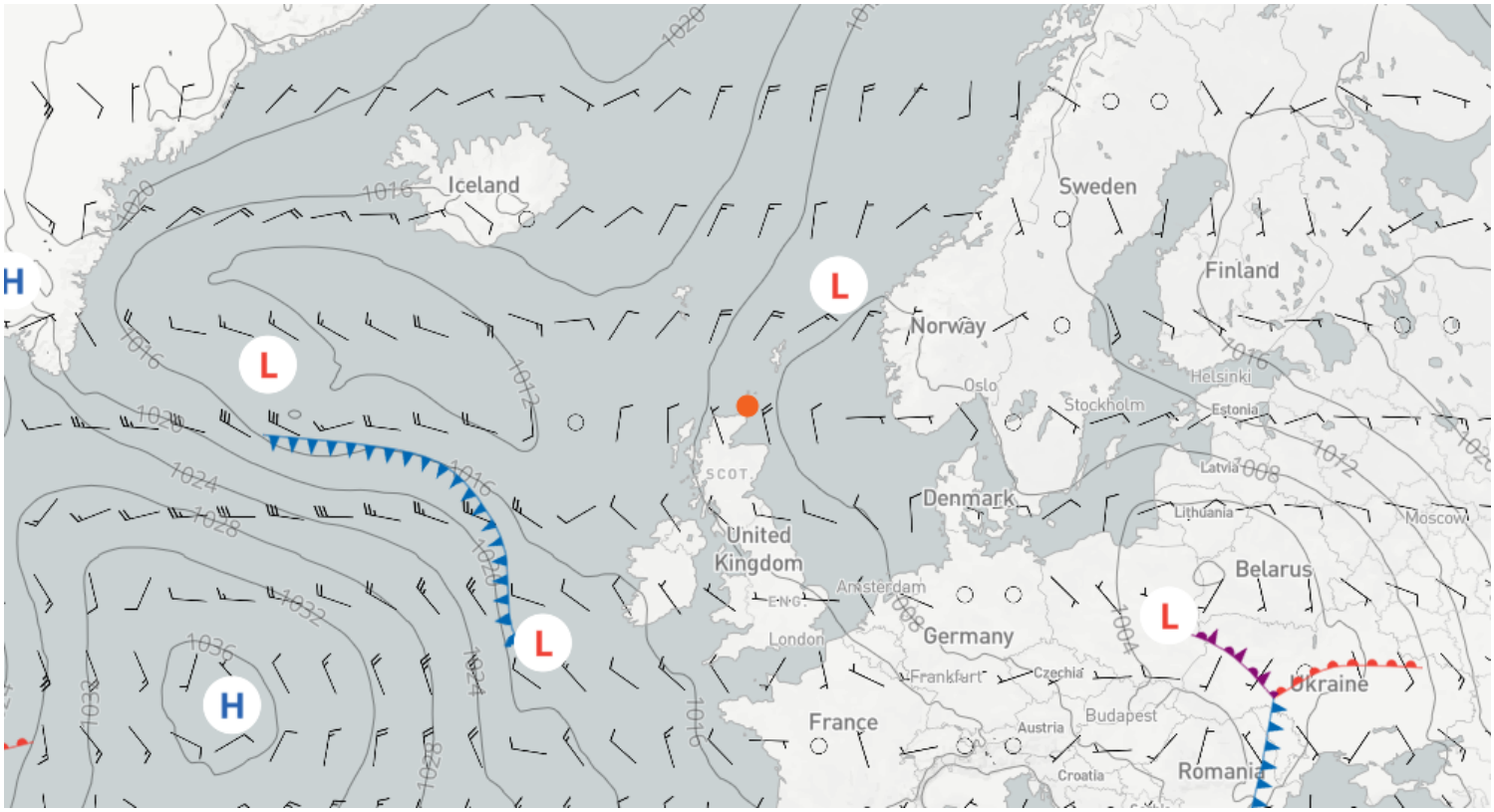
Issued on 23 April 2024, 04:01 UTC

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



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