Single Location Forecast - 7 Day

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

Issued on 25 April 2024, 14:01 UTC

offshore@dtn.com
+31 (0)30 8082022 (Utrecht office)
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Meteorological Situation

A large area of low pressure stretches out from the British Isles and the North Sea over Denmark towards the Baltic States. Loweste pressure (1001hPa) can be found over the North Sea and Estland (1003hPa). High pressure is located far away over the Atlantic. Through the next 48 hours the pressure gradient over the region will remain flat near the Orkney island and surrounding areas. Local conditions next 72 hrs: Wind: variable direction, light, increasing to moderate on 27 April 12 UTC. Sea temperature: 8-9C.

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)
Thursday 25 April 2024																				
12	NE	9	10	11	40	10	13	40	10	13	shra	6	6	5	1	good	68	3500	66	1007
15	NE	8	9	11	30	9	12	30	9	12	shra	6	6	5	1	good	67	2000	38	1006
18	NNE	7	11	9	20	8	10	20	8	10	nsw	6	6	5	1	good	69	3500	75	1006
21	N	6	11	8	10	8	10	10	9	11	shra	5	5	4	1	good	78	3500	79	1007
Friday 26 April 2024																				
00	NNE	5	10	7	30	6	8	30	6	8	shra	5	5	4	2	good	81	nlc	59	1006
03	N	5	8	7	10	6	8	10	6	8	shra	4	4	4	2	good	84	2000	66	1006
06	N	5	7	8	0	6	8	0	6	9	nsw	5	5	4	2	good	80	nlc	56	1007
09	N	4	6	7	0	4	7	0	4	7	nsw	6	6	5	1	good	71	2000	33	1007
12	WNW	3	5	5	300	3	5	300	3	6	nsw	7	6	6	1	good	66	2000	57	1007
15	N	3	5	5	350	3	6	340	3	6	shra	7	6	6	1	good	68	2000	58	1008
18	SE	3	4	6	150	3	6	170	3	6	shra	6	6	6	1	good	71	2000	52	1008
21	S	4	5	6	170	4	6	170	4	6	nsw	6	6	5	2	good	75	3500	69	1008
Saturday 27 April 2024																				
00	S	5	6	7	190	6	8	190	7	9	nsw	6	5	5	2	good	78	3500	75	1008
03	SSE	4	7	6	170	5	7	170	6	8	nsw	5	5	5	2	good	78	2000	79	1008
06	SSE	7	11	9	150	7	10	150	7	10	shra	6	5	5	2	good	79	2000	79	1008
09	SSE	12	14	16	150	13	18	150	14	19	nsw	7	6	6	2	good	71	2000	79	1009
12	SSE	14	15	18	150	17	21	150	18	22	nsw	7	7	6	2	good	70	3500	72	1010
15	SE	15	16	20	130	18	23	130	19	24	nsw	7	7	7	2	good	68	nlc	79	1010
18	SE	15	16	20	130	18	23	130	19	24	nsw	7	7	6	2	good	70	nlc	75	1011
21	SE	13	16	17	130	17	21	130	18	22	nsw	7	7	6	2	good	73	nlc	63	1011
Sunday 28 April 2024																				
00	SE	11	14	15	130	14	18	130	15	19	nsw	7	6	6	2	good	72	nlc	64	1011
03	ESE	8	14	10	110	10	13	110	11	14	dz	6	6	6	3	good	77	3500	55	1011

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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)
06	E	7	14	10	90	11	13	90	12	14	nsw	6	6	6	3	good	78	1000	46	1010
09	E	12	13	15	90	14	17	90	14	18	nsw	7	7	6	3	good	77	1000	33	1011
12	E	13	14	16	80	15	18	80	16	19	dz	8	7	7	4	good	77	2000	78	1010
18	NE	13	17	17	50	16	20	50	18	22	ra	7	7	6	4	md/gd	82	1000	80	1005
Monday 29 April 2024																				
00	NW	13	17	18	330	16	21	330	18	22	ra	6	6	5	4	good	87	2000	79	1003
06	W	14	17	18	270	18	22	270	19	23	dz	7	6	6	4	good	84	2000	43	1004
12	SSW	14	15	18	200	16	21	200	17	22	nsw	8	8	8	4	good	77	nlc	29	1009
18	SSE	12	15	15	150	16	19	150	17	20	nsw	9	9	8	6	good	82	nlc	60	1010
Tuesday 30 April 2024																				
00	SSE	15	18	20	170	20	25	170	23	28	nsw	9	9	9	7	good	86	nlc	68	1013
06	SSE	12	16	17	160	17	22	170	19	24	nsw	9	9	9	7	good	86	nlc	37	1015
12	SE	14	16	20	150	18	24	150	19	26	nsw	9	9	9	7	good	85	nlc	21	1018
18	SE	13	15	19	130	17	23	130	19	25	nsw	9	9	9	7	good	88	nlc	6	1020
Wednesday 01 May 2024																				
00	ESE	9	12	13	110	13	16	110	14	18	dz	8	8	8	7	good	89	nlc	65	1022
06	E	10	13	14	90	14	18	90	16	20	dz	9	8	8	7	good	88	1000	79	1022
12	E	12	13	16	90	15	20	90	17	22	ra	9	9	9	7	good	86	2000	80	1023
18	NE	11	13	16	50	16	20	60	18	22	ra	9	9	8	6	good	85	nlc	80	1023
Thursday 02 May 2024																				
00	NE	13	15	18	50	19	24	50	22	26	ra	9	9	8	6	good	85	nlc	80	1024
06	NE	15	18	20	50	21	26	50	24	29	nsw	8	8	8	6	good	85	nlc	79	1023

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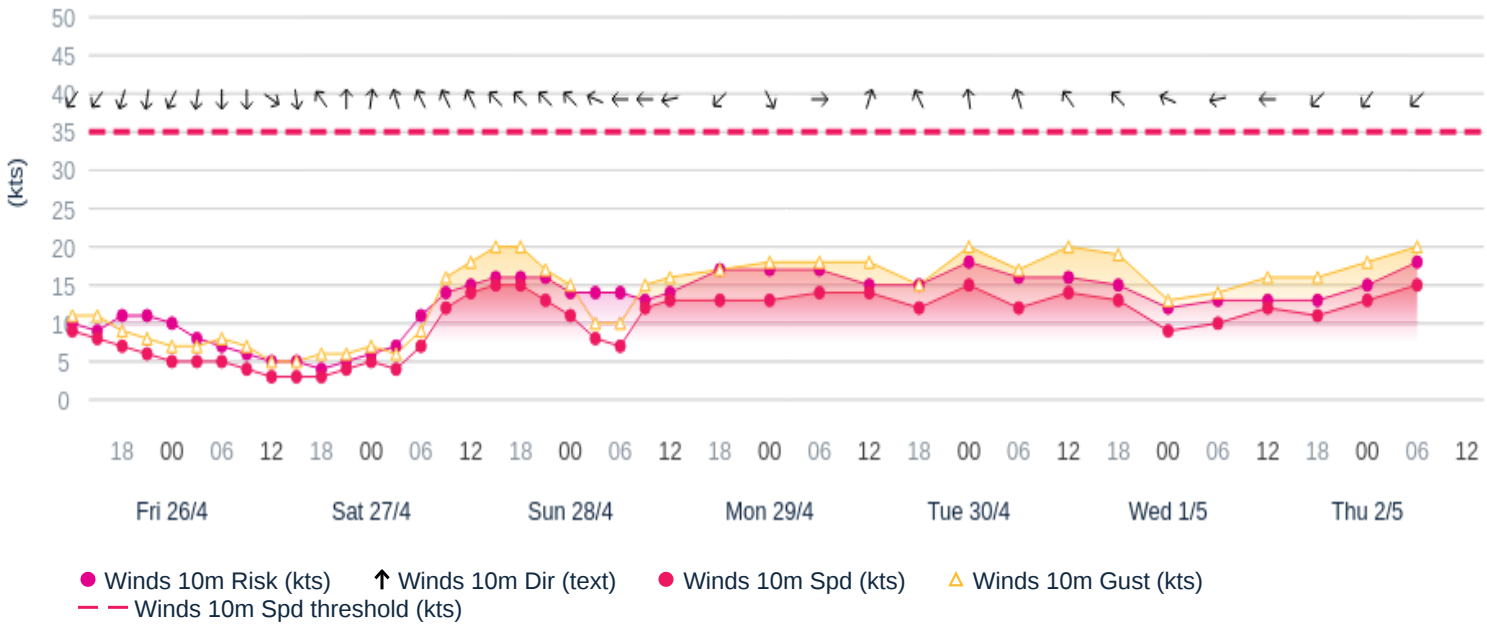
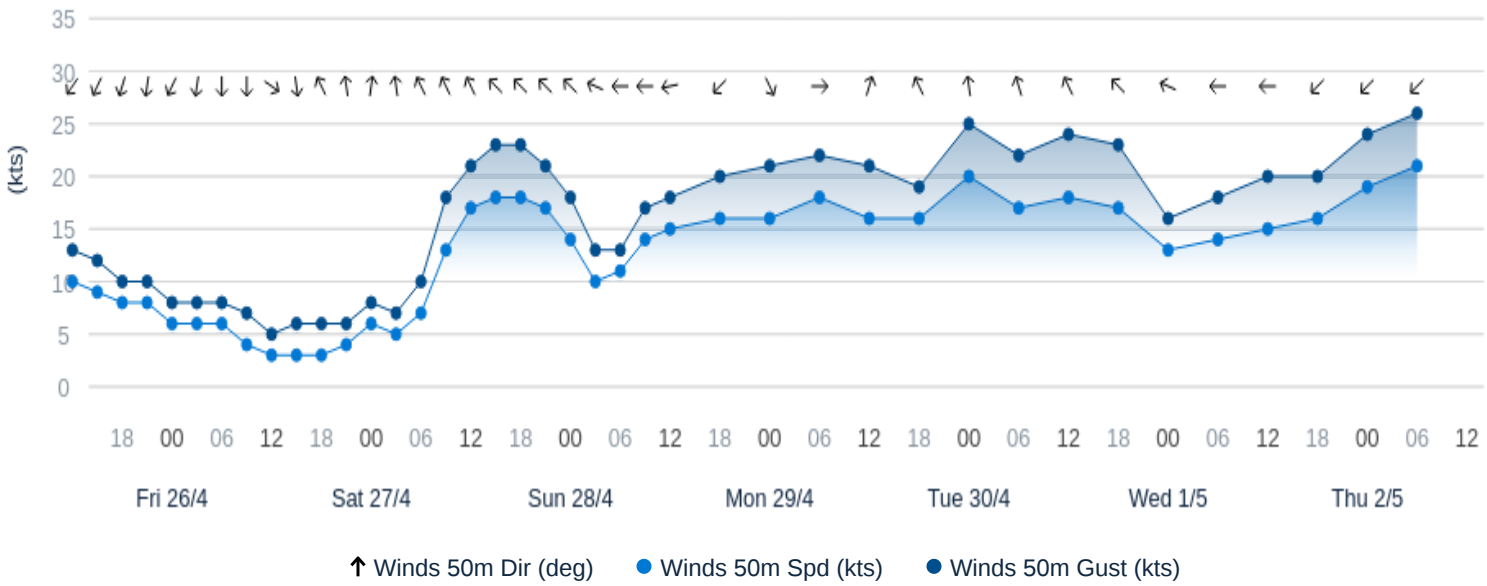
10m Wind Graph - 7 Day **Scapa Flow**



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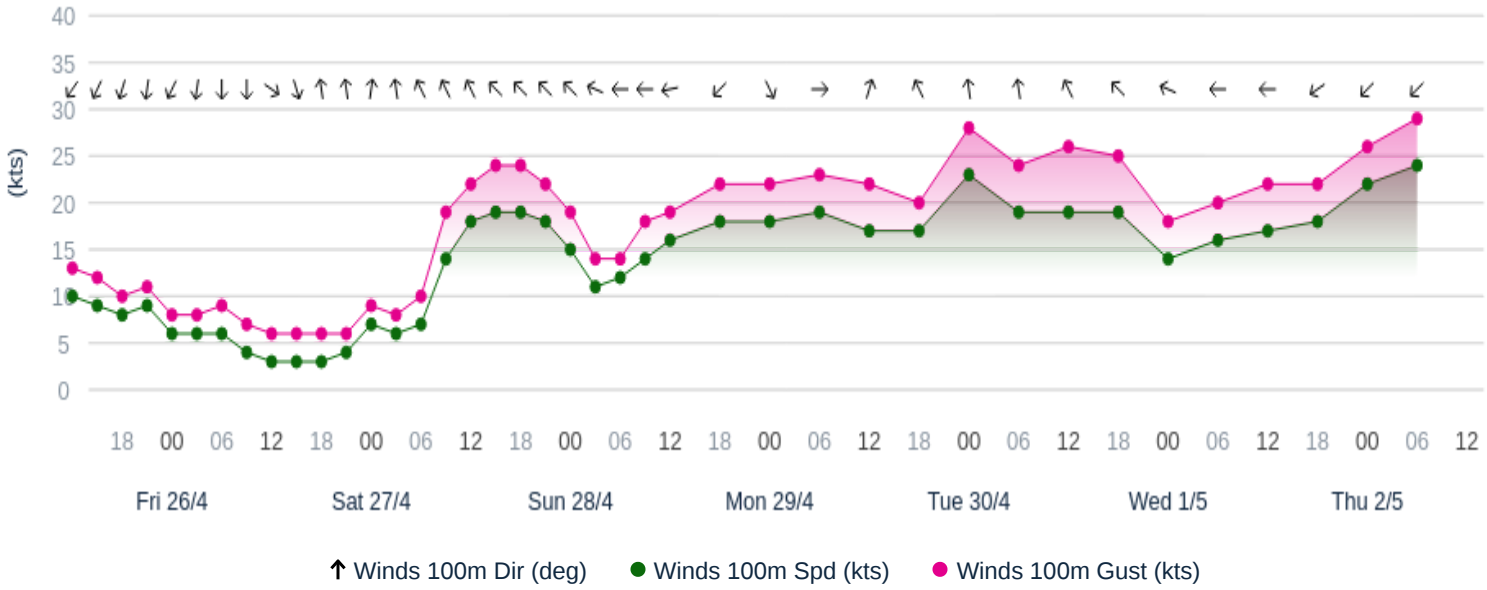
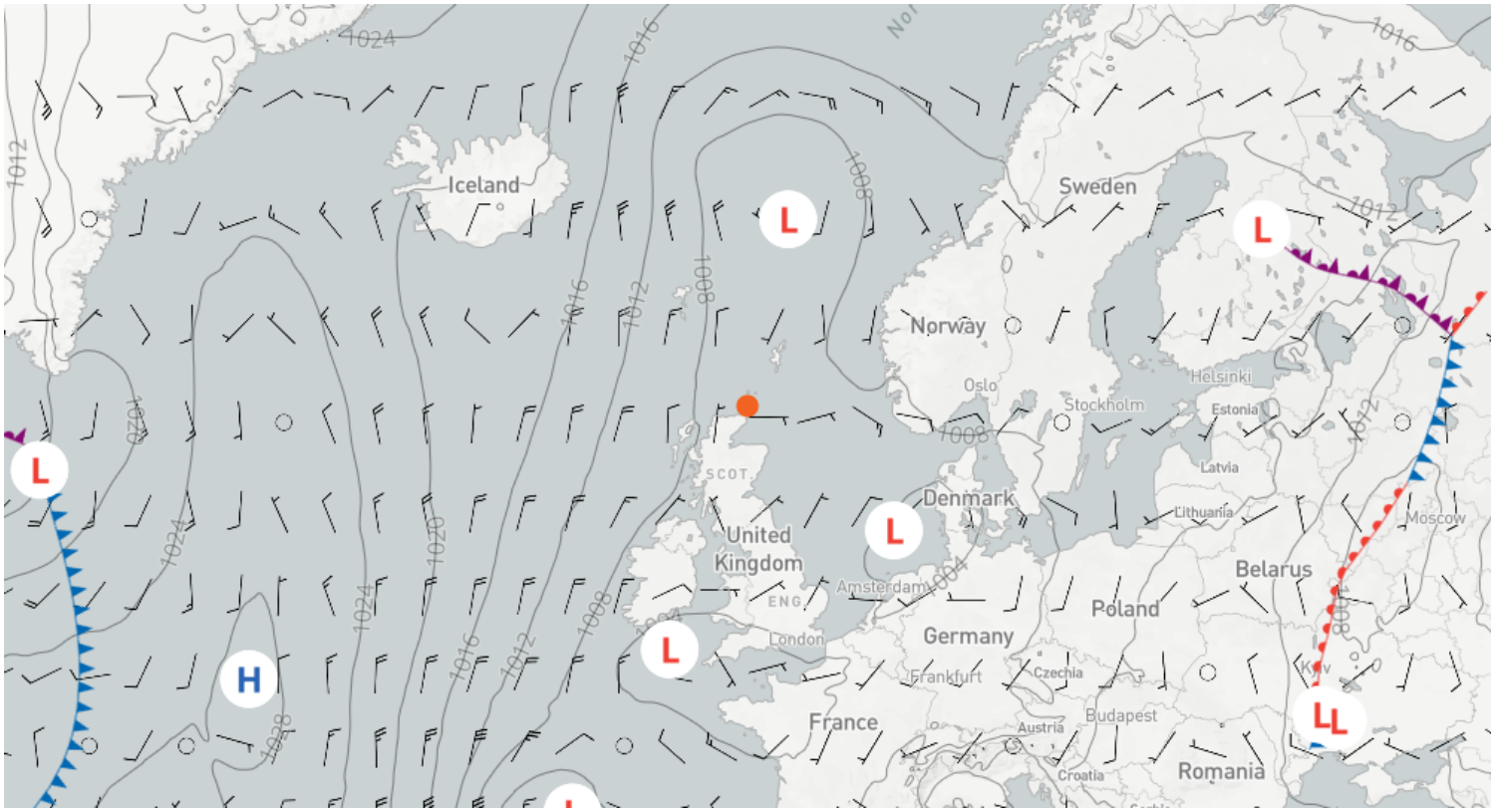
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 25 April 2024, 12:00 UTC | Forecast for 26 April 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



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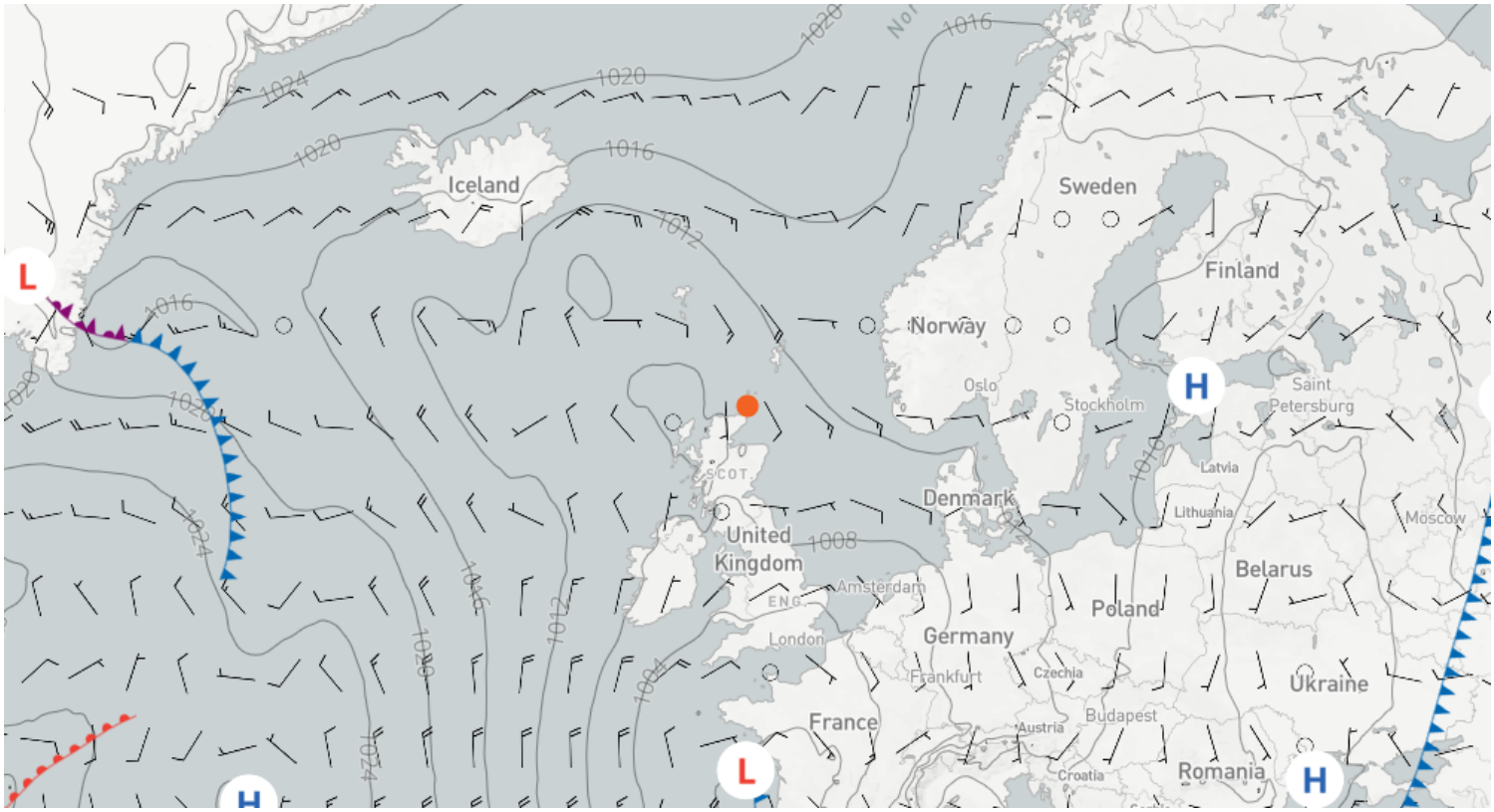
Issued on 25 April 2024, 12:00 UTC | Forecast for 27 April 2024, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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