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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 19 April 2024, 04:01 UTC

Meteorological Situation

Fresh to strong winds are forecast across Orkney this morning as high pressure is to the west of Ireland and low pressure is passing southeastwards over Denmark. Winds are expected to reduce into tomorrow as high pressure becomes centred over the UK. The High is forecast to drift northwestwards early next week. Local conditions next 72 hrs: Wind: variable direction, fresh, increasing to strong 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)
Friday 19 April 2024																				
03	NW	19	27	25	330	24	31	330	27	33	nsw	5	5	4	0	good	71	nlc	29	1012
06	NW	21	27	28	330	26	33	330	28	35	dz	5	4	4	0	good	72	3500	75	1014
09	NNW	21	27	29	340	26	33	340	28	35	nsw	5	5	4	-1	good	65	3500	55	1017
12	NNW	22	27	30	340	26	33	340	28	35	nsw	5	5	5	-2	good	61	3500	45	1020
15	NNW	21	26	28	340	24	31	340	26	33	nsw	6	5	5	-2	good	60	3500	41	1022
18	NNW	17	22	23	340	20	26	340	22	27	nsw	5	4	4	-2	good	62	3500	40	1024
21	NNW	12	19	17	340	16	20	350	17	21	nsw	4	4	3	-2	good	66	3500	30	1026
Saturday 20 April 2024																				
00	NNW	9	16	13	340	12	16	350	13	17	nsw	4	3	3	-2	good	68	nlc	51	1027
03	NNW	7	12	11	340	9	13	350	10	13	nsw	4	3	3	-1	good	70	nlc	61	1028
06	NNW	6	9	9	340	7	10	350	7	10	nsw	4	4	3	-1	good	68	nlc	77	1029
09	NNW	3	6	7	350	3	7	350	3	7	nsw	5	5	4	-2	good	60	nlc	76	1030
12	SSW	2	4	6	200	2	6	200	1	6	nsw	6	5	5	-1	good	62	nlc	79	1030
15	S	4	5	7	180	4	7	180	3	7	nsw	6	5	5	1	good	69	nlc	80	1031
18	SSE	6	8	9	170	6	9	170	6	9	ra	6	6	5	2	good	76	nlc	80	1031
21	S	8	11	10	180	9	11	190	9	12	ra	6	6	5	3	md/gd	82	3500	80	1031
Sunday 21 April 2024																				
00	S	10	12	12	200	11	14	200	12	15	ra	6	6	6	4	good	84	3500	80	1032
03	SSW	10	13	15	210	13	17	210	14	18	ra	6	6	6	4	good	86	2000	80	1032
06	SSW	10	12	14	210	13	16	210	14	17	nsw	7	7	7	5	good	88	1000	79	1032
09	SSW	8	12	11	210	11	14	220	12	15	nsw	7	7	7	5	good	86	1000	80	1033
12	SW	7	11	9	240	8	10	240	9	11	nsw	9	8	8	7	good	87	500	80	1034
15	WSW	6	10	8	260	7	9	270	7	10	nsw	9	9	8	7	good	87	1000	77	1033
18	SW	5	10	7	250	7	9	260	8	10	nsw	9	9	8	7	good	87	2000	77	1033

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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	WSW	6	10	8	260	8	10	270	9	11	nsw	8	8	8	7	good	89	nlc	80	1033
Monday 22 April 2024																				
00	WSW	8	11	10	260	11	14	270	13	15	nsw	8	8	8	7	good	91	2000	80	1033
03	W	9	12	11	280	12	15	290	14	17	nsw	8	8	8	7	good	93	2000	78	1032
06	WNW	9	12	12	300	13	16	300	14	18	nsw	8	8	8	7	good	94	1000	76	1031
12	NW	11	12	15	330	14	18	330	15	19	dz	9	9	9	8	good	91	500	80	1030
18	N	11	14	14	0	13	16	0	14	17	nsw	8	8	7	4	good	78	2000	64	1030
Tuesday 23 April 2024																				
00	NNW	8	14	11	340	12	14	350	13	16	nsw	6	6	6	3	good	81	nlc	57	1030
06	N	11	14	15	350	14	17	350	15	18	nsw	6	6	5	2	good	76	nlc	25	1028
12	NNW	12	14	16	340	14	18	340	15	19	nsw	7	7	6	2	good	69	nlc	24	1026
18	NW	15	17	19	320	17	22	320	19	24	nsw	7	7	6	3	good	72	3500	78	1023
Wednesday 24 April 2024																				
00	NNW	13	18	18	340	17	21	340	18	22	nsw	6	6	6	2	good	72	2000	66	1020
06	NNW	14	18	18	340	17	21	340	18	22	nsw	5	5	4	1	good	72	3500	66	1018
12	NNW	14	17	19	340	16	21	340	17	22	nsw	6	6	5	1	good	70	3500	73	1016
18	N	13	16	17	350	15	19	350	16	20	nsw	6	6	5	0	good	68	3500	74	1014
Thursday 25 April 2024																				
00	N	11	14	14	340	13	17	340	14	17	nsw	5	5	5	0	good	70	3500	78	1012
06	NNW	11	14	15	340	13	17	340	14	18	nsw	5	5	4	2	good	78	3500	77	1009
12	NNW	11	12	15	340	12	15	340	12	16	shra	6	6	5	1	good	68	3500	79	1008
18	NNW	10	11	14	340	10	14	340	11	15	ra	6	5	5	1	good	70	3500	68	1007
Friday 26 April 2024																				
00	N	5	7	8	0	4	8	10	4	8	dz	5	5	4	0	good	72	3500	75	1007

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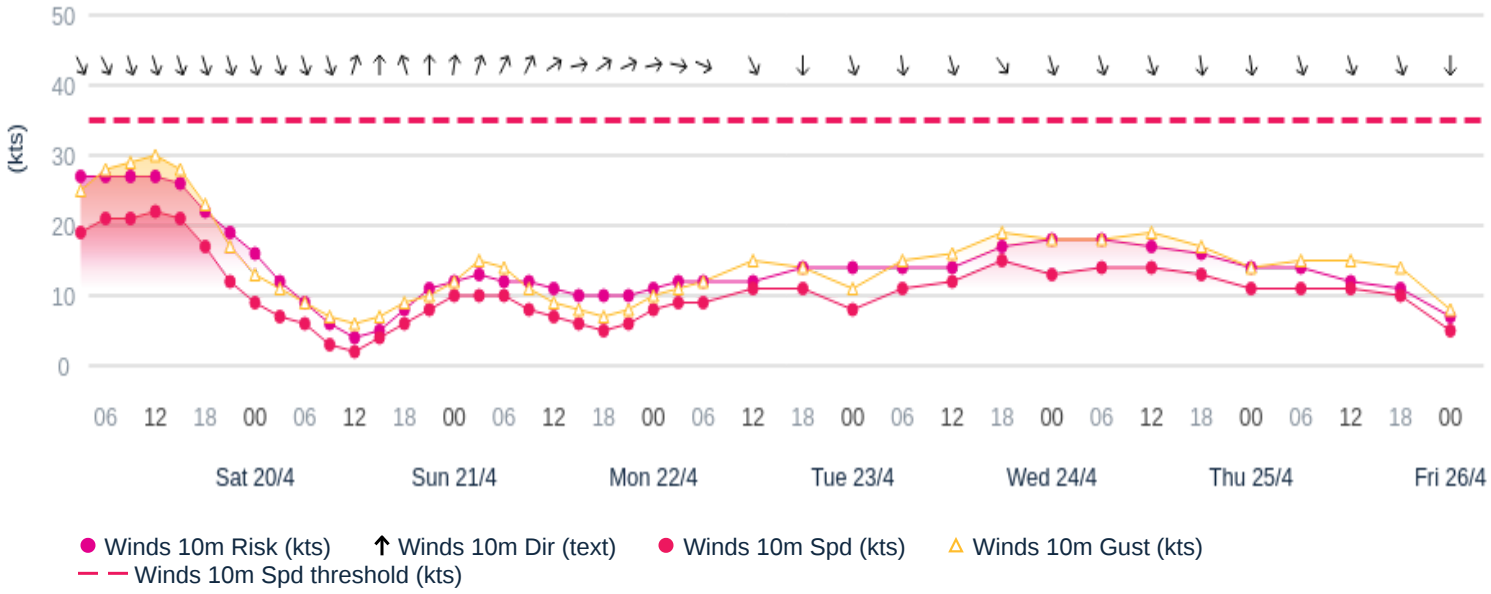
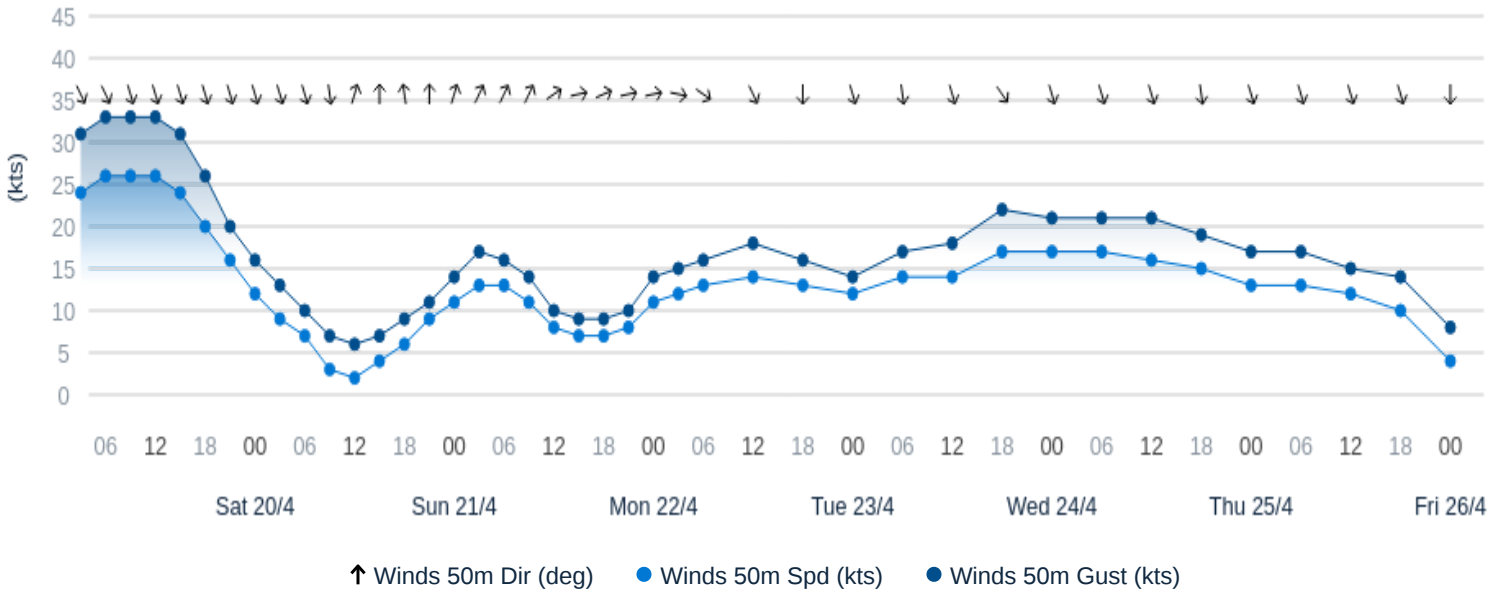
10m Wind Graph - 7 Day **Scapa Flow**



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



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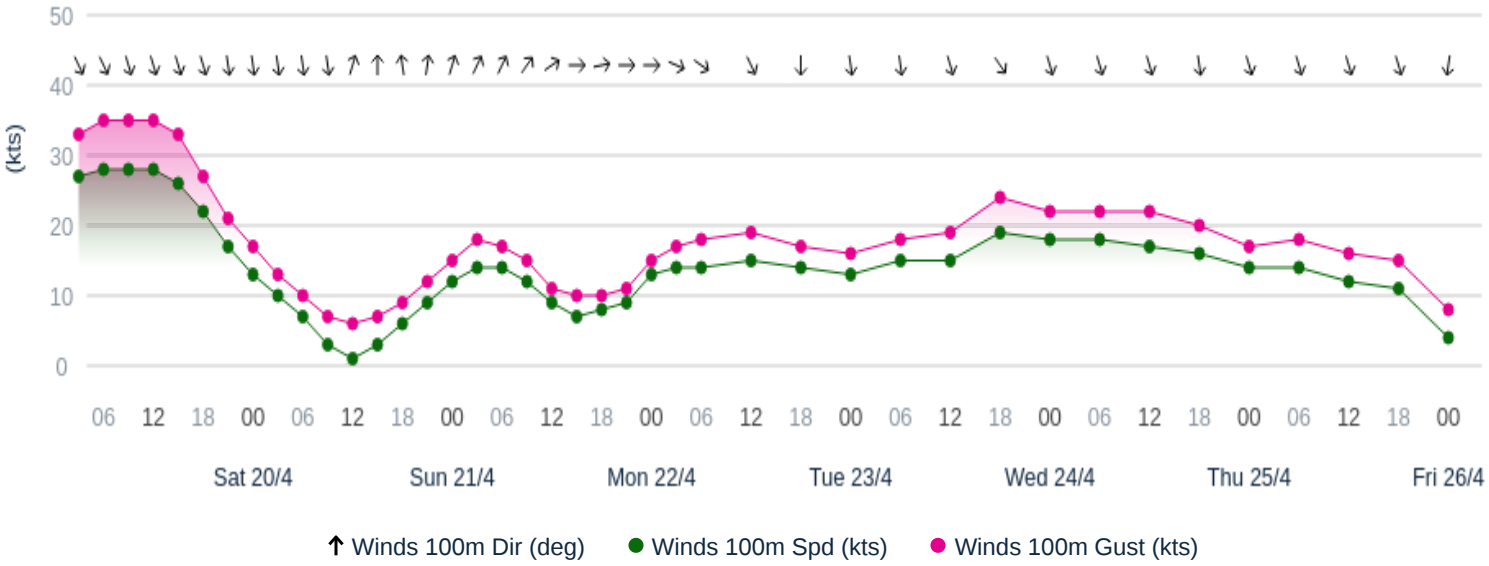
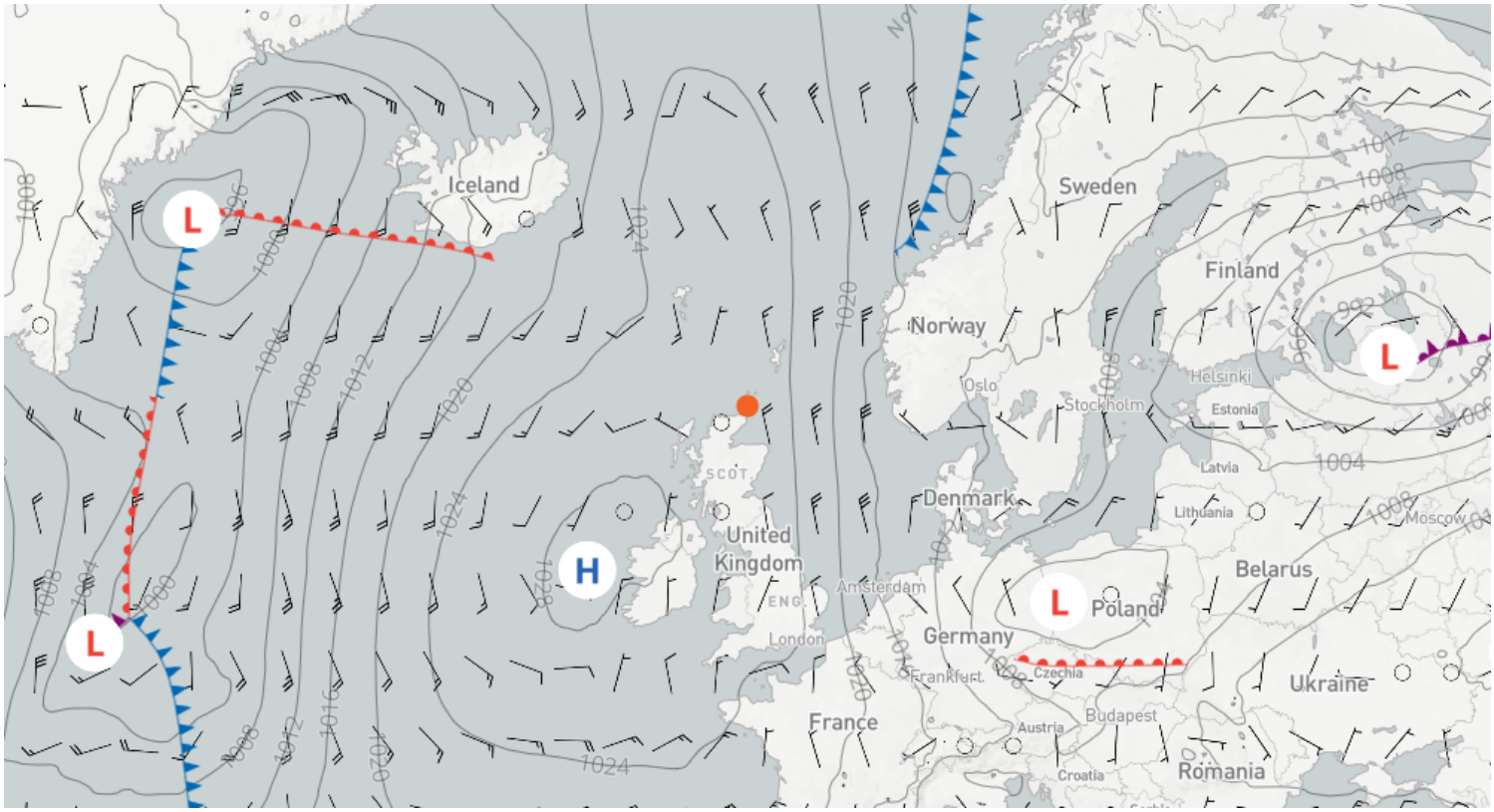
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 19 April 2024, 00:00 UTC | Forecast for 20 April 2024, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



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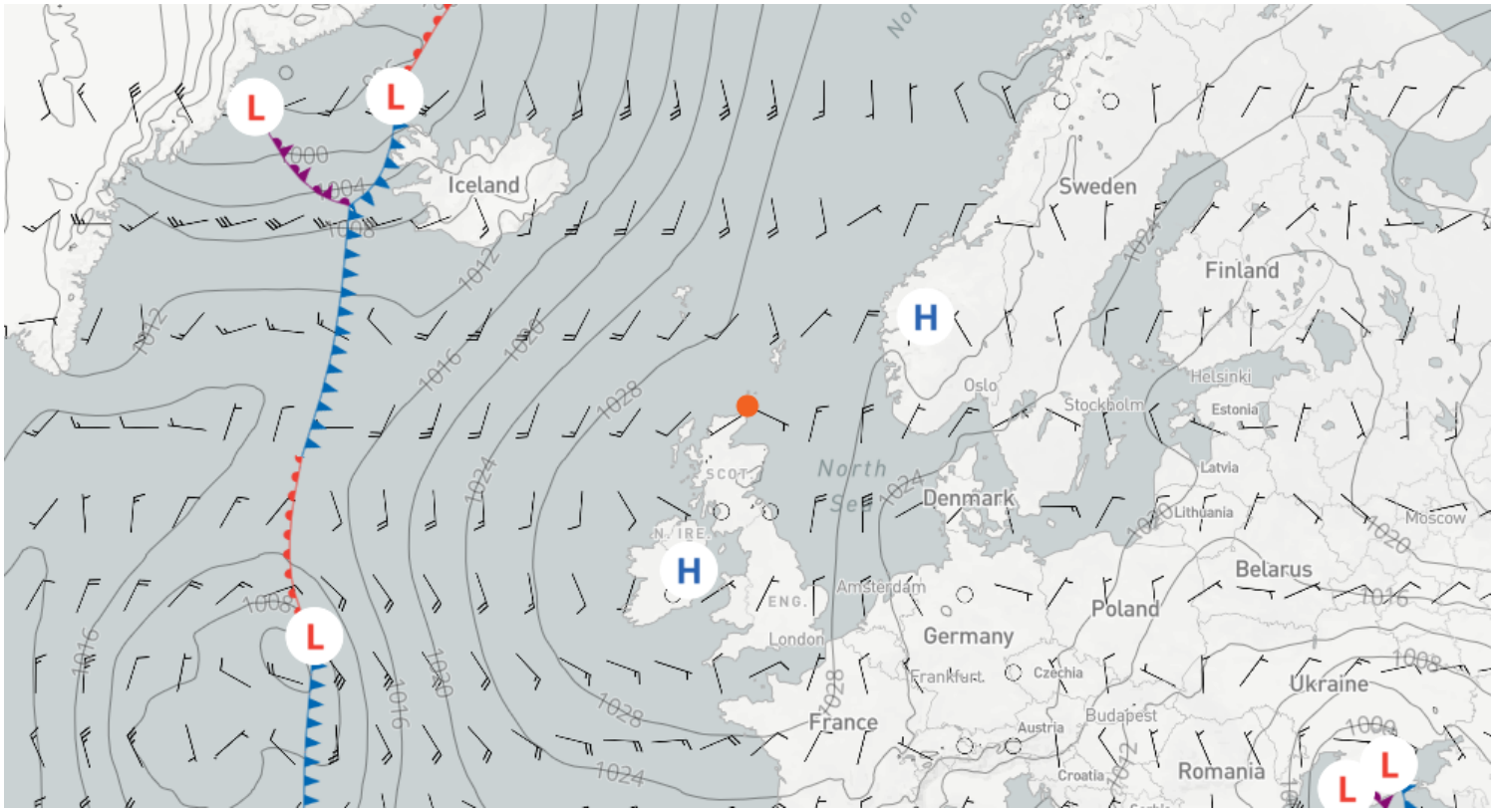
Issued on 19 April 2024, 04:01 UTC

Issued on 19 April 2024, 00:00 UTC | Forecast for 21 April 2024, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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