



Single Location Forecast - 7 Day

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

Issued on 18 April 2025, 14:01 UTC

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Meteorological Situation

The north of the UK will be between weather systems as low pressure to the south is deflected by a ridge to the north, resulting in a slack pressure gradient over the region. Largely gentle N/NE-ly winds can be expected over the weekend. Into next week, a belt of low-pressure is expected to form between the eastern Baltic and the Atlantic, although with a relatively slack pressure gradient remaining. High pressure from the north is expected to build through next week, gaining influence over the North Sea and keeping low-pressure over the Atlantic at bay. Local conditions next 72 hrs: Wind: NE-ly, light, increasing to moderate on 21 April 06 UTC, whilst veering. 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

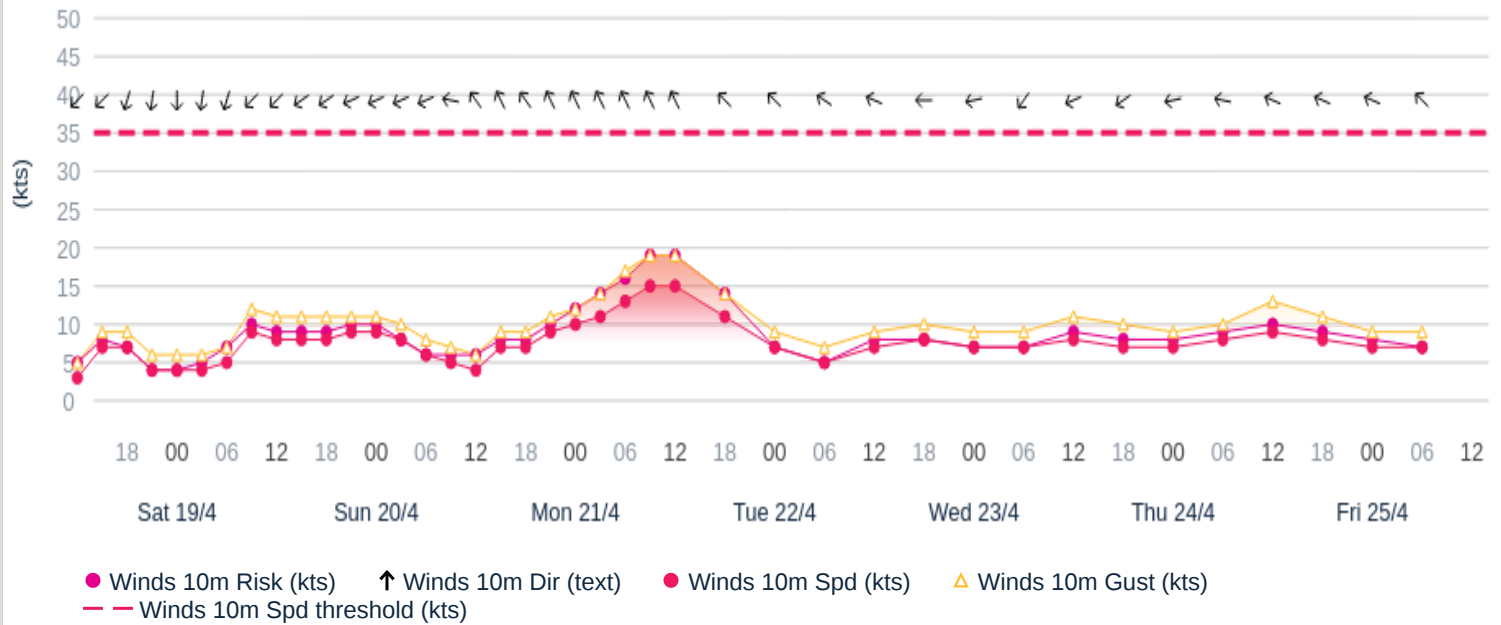
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Friday 18 April 2025																				
12	NE	3	5	5	50	3	5	40	4	6	ra	9	8	7	4	good	73	2000	58	1017
15	NE	7	8	9	40	8	10	40	9	11	dz	9	8	7	4	good	72	2000	70	1017
18	NNE	7	7	9	20	9	11	30	10	12	nsw	8	7	7	2	good	68	nlc	60	1017
21	N	4	4	6	20	6	8	30	7	9	nsw	7	7	6	3	good	75	nlc	66	1019
Saturday 19 April 2025																				
00	N	4	4	6	10	6	7	20	6	8	nsw	7	6	6	3	good	79	3500	64	1019
03	N	4	5	6	20	7	9	20	8	10	nsw	6	6	6	3	good	81	3500	72	1018
06	NNE	5	7	7	30	9	11	40	10	12	nsw	7	7	6	4	good	80	3500	75	1018
09	NE	9	10	12	50	11	13	50	11	14	nsw	8	8	7	4	good	73	3500	72	1018
12	NE	8	9	11	50	10	13	60	11	14	nsw	9	8	8	4	good	70	3500	72	1018
15	ENE	8	9	11	60	11	14	60	12	15	nsw	9	8	8	4	good	72	3500	62	1017
18	ENE	8	9	11	60	13	15	60	15	17	nsw	8	8	7	4	good	77	3500	77	1016
21	ENE	9	10	11	70	13	15	70	15	17	nsw	8	7	7	5	good	80	2000	79	1015
Sunday 20 April 2025																				
00	ENE	9	10	11	70	12	14	70	13	16	nsw	8	7	7	5	good	82	2000	79	1014
03	ENE	8	8	10	70	10	12	70	11	13	nsw	7	7	6	4	good	78	3500	79	1012
06	ENE	6	6	8	70	8	10	80	9	11	ra	7	7	6	4	good	79	2000	79	1011
09	E	5	6	7	100	5	7	100	5	7	nsw	8	7	7	4	good	76	2000	75	1010
12	SE	4	6	6	140	4	6	150	4	7	nsw	8	8	7	4	good	74	3500	71	1010
15	SSE	7	8	9	150	7	9	150	7	10	nsw	9	8	7	4	good	74	3500	64	1009
18	SE	7	8	9	130	9	12	130	10	13	nsw	8	8	7	5	good	79	nlc	71	1009
21	SSE	9	10	11	140	13	15	140	15	17	nsw	8	7	7	5	good	84	3500	69	1009
Monday 21 April 2025																				
00	SSE	10	12	12	150	15	18	150	17	20	nsw	8	7	7	5	good	85	nlc	70	1009

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	SSE	11	14	14	150	17	20	160	19	23	nsw	8	8	7	6	good	87	2000	75	1008
06	SSE	13	16	17	150	18	22	160	20	24	nsw	8	8	7	6	good	88	1000	73	1008
09	SSE	15	19	19	150	20	24	150	22	27	nsw	9	8	8	7	good	86	1000	60	1009
12	SSE	15	19	19	150	20	25	150	23	27	nsw	9	9	8	6	good	83	1000	72	1010
18	SE	11	14	14	140	15	19	140	17	21	nsw	9	8	8	6	good	85	2000	68	1010
Tuesday 22 April 2025																				
00	SE	7	7	9	140	10	12	140	11	14	nsw	8	8	8	7	good	91	1000	75	1012
06	ESE	5	5	7	120	7	9	110	8	10	nsw	8	8	7	7	good	91	1000	72	1013
12	ESE	7	8	9	100	7	9	100	7	10	nsw	10	9	9	7	good	83	nlc	70	1016
18	E	8	8	10	100	11	13	100	12	14	ra	9	9	8	7	good	88	1000	69	1018
Wednesday 23 April 2025																				
00	E	7	7	9	90	10	12	90	11	13	dz	8	8	8	7	good	88	1000	74	1020
06	NE	7	7	9	30	10	13	30	11	14	nsw	8	8	7	6	good	86	1000	73	1021
12	ENE	8	9	11	70	11	14	70	13	16	dz	9	8	8	5	good	78	3500	64	1023
18	ENE	7	8	10	70	11	13	80	12	15	nsw	8	8	7	4	good	75	1000	55	1024
Thursday 24 April 2025																				
00	E	7	8	9	100	11	13	120	12	14	nsw	8	7	7	5	good	81	1000	63	1025
06	E	8	9	10	120	11	13	130	13	15	nsw	8	7	7	4	good	81	500	63	1024
12	ESE	9	10	13	130	12	15	140	13	16	dz	9	9	8	5	good	73	nlc	56	1024
18	ESE	8	9	11	140	12	15	160	14	17	nsw	9	9	9	5	good	77	nlc	65	1023
Friday 25 April 2025																				
00	ESE	7	8	9	130	9	11	150	10	12	dz	8	8	8	7	good	89	3500	59	1022
06	SE	7	7	9	150	10	12	170	11	13	dz	8	8	7	6	good	89	nlc	24	1021

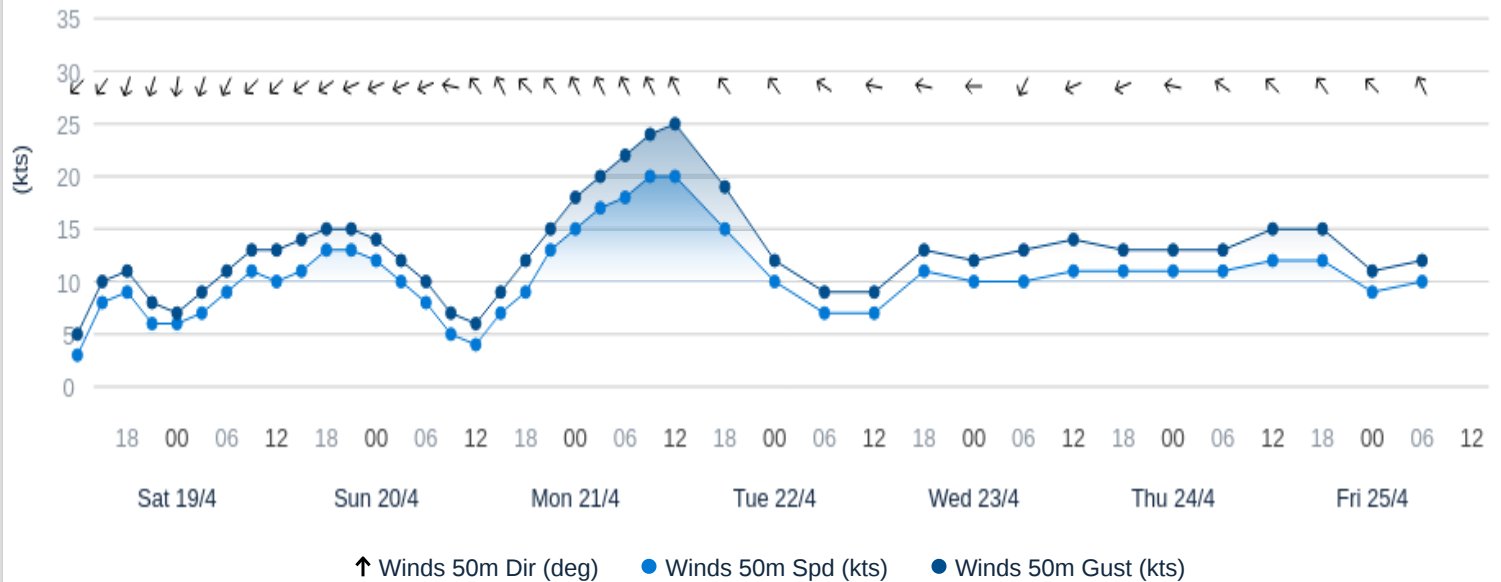
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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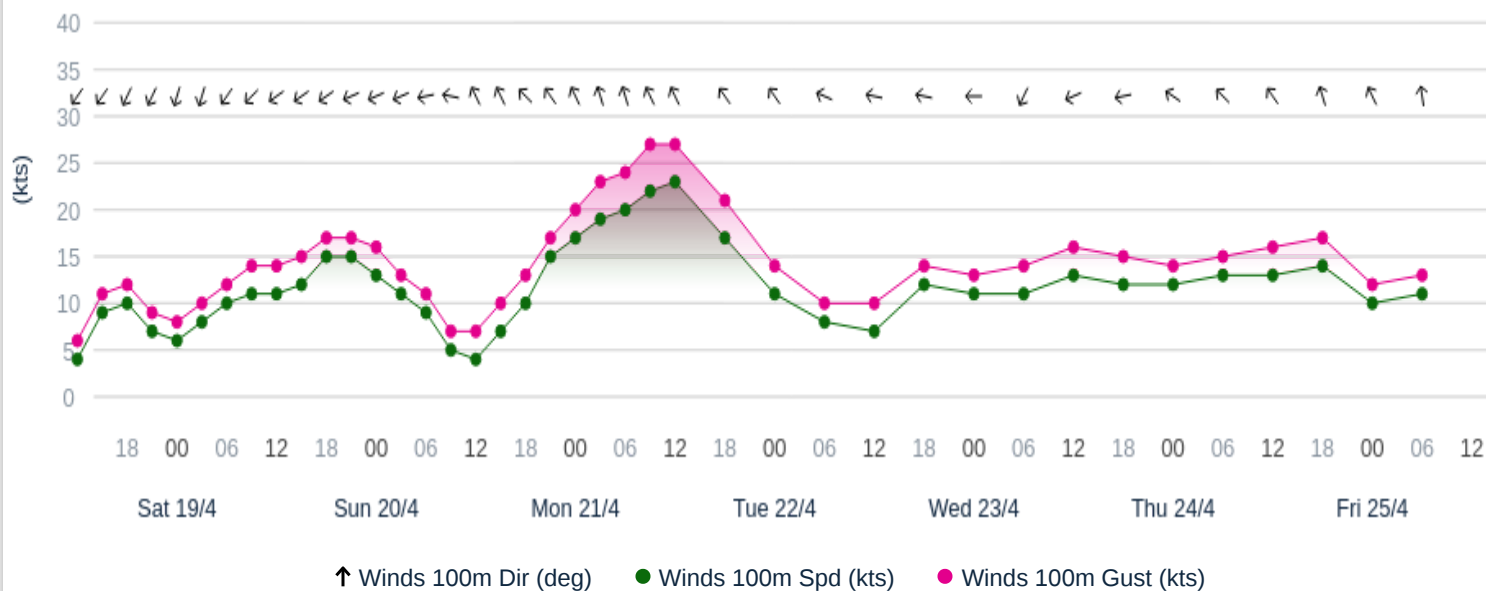
10m Wind Graph - 7 Day Scapa Flow



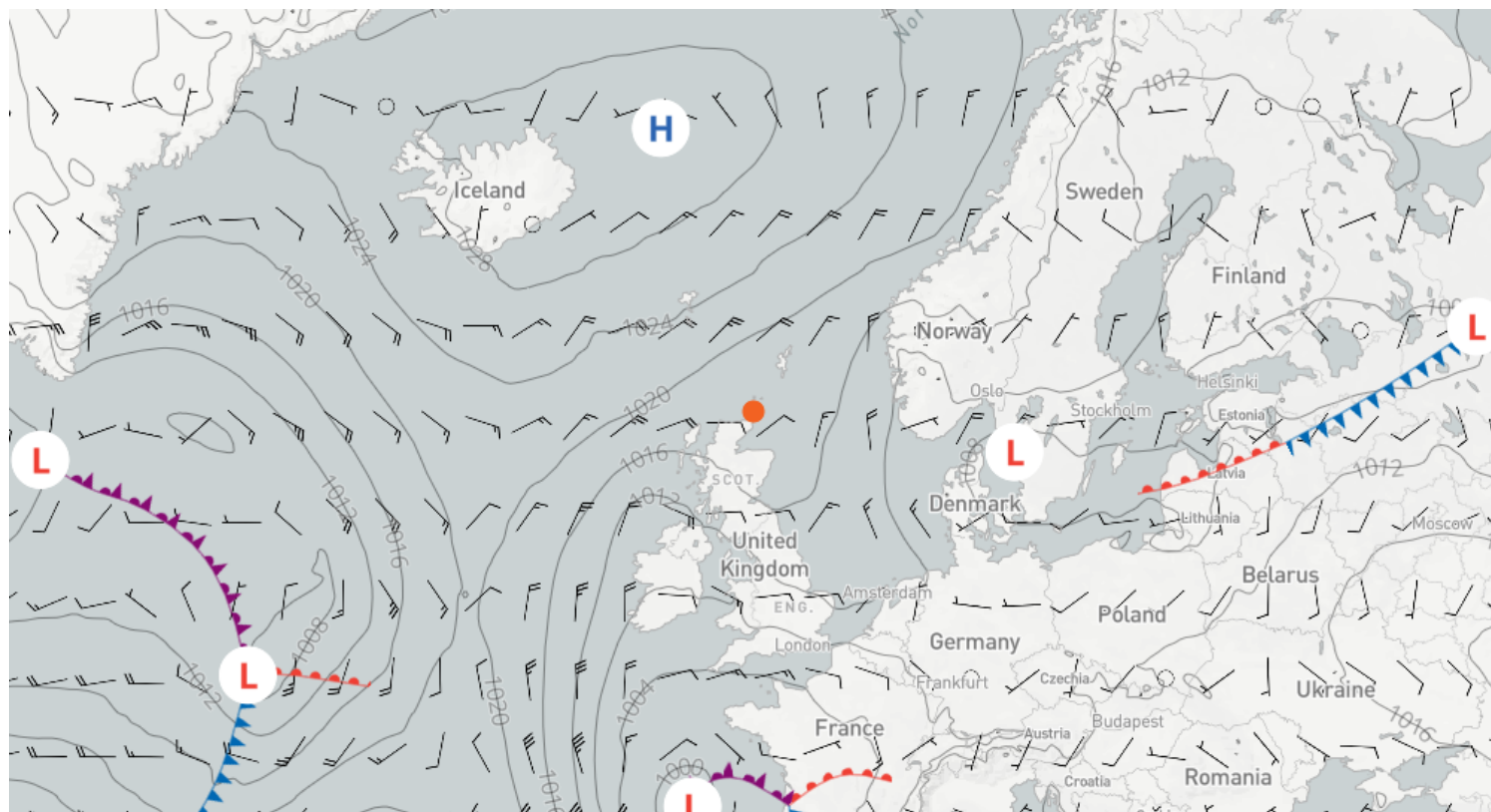
50m Wind Graph - 7 Day Scapa Flow



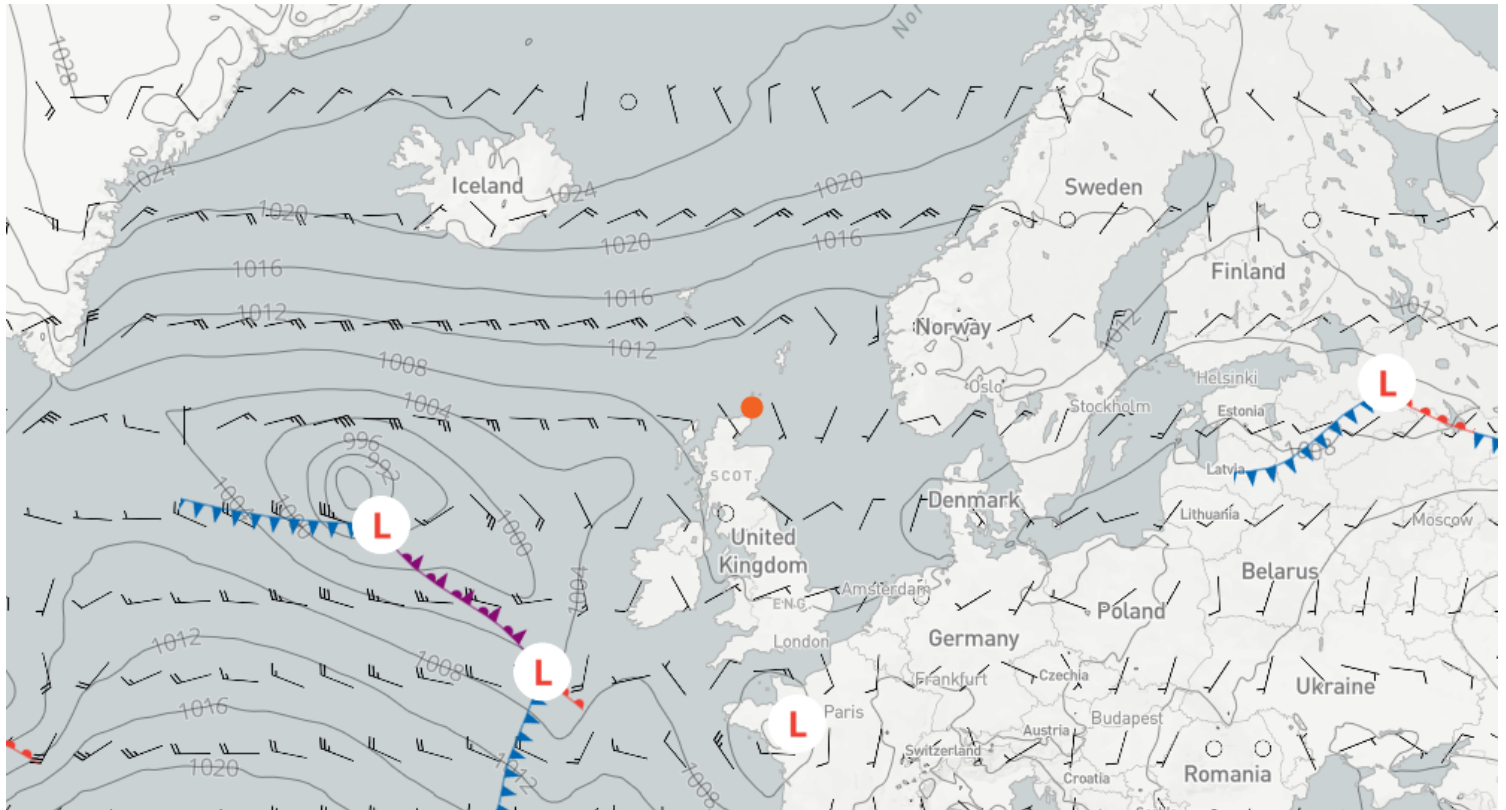
100m Wind Graph - 7 Day Scapa Flow



Issued on 18 April 2025, 12:00 UTC | Forecast for 19 April 2025, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 18 April 2025, 12:00 UTC | Forecast for 20 April 2025, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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