



Single Location Forecast - 7 Day

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

Issued on 23 May 2025, 04:01 UTC

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Meteorological Situation

High pressure over the Azores (1031hPa) has a ridge via Ireland to a high north of Scotland (1022hPa) . On its right side is a large low (980hPa) lingering over Scandinavia and the Baltic Sea. While on its left side is a large low (985hPa) lingering over the Greenland Sea. Today the weather over Scapa Flow will be fine and calm. During the afternoon and evening the high will move into the North Sea while declining. In its wake the Greenland low has deepened a second centre, southeast of Iceland and that one will move east. On its approach winds from the SW are expected to start to increase. This is the start of an unsettled period. More centres are expected to deepen in the complex low and once centre is on Sunday expected to move just north of Scapa Flow to the NE with a frontal trough over the UK, Sunday afternoon winds can increase to near gales for a short period of time. In the evening winds veer to W. The low is expected to linger on Monday and on Tuesday is expected to move north and winds decrease significantly. On Thursday a ridge is expected over the UK with fair weather for a day. Local conditions next 72 hrs: Wind: N-ly, light, increasing to strong on 25 May 12 UTC, whilst becoming WSW. Sea temperature: 11-12C.

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)
Friday 23 May 2025																				
03	N	6	7	8	350	9	11	350	10	12	nsw	7	7	7	2	good	71	2000	61	1021
06	N	6	6	7	10	8	10	10	9	11	nsw	8	7	7	2	good	65	2000	48	1019
09	NNE	3	4	5	20	4	6	20	5	7	nsw	9	8	8	1	good	59	3500	52	1019
12	E	2	3	5	70	2	5	60	2	5	nsw	9	9	8	1	good	57	3500	46	1017
15	ESE	6	7	8	110	6	8	110	6	8	nsw	10	9	8	2	good	60	3500	49	1015
18	ESE	9	9	11	120	10	12	120	10	13	nsw	9	8	8	3	good	65	nlc	73	1013
21	SE	10	11	13	140	13	16	140	15	18	nsw	9	8	8	4	good	72	nlc	79	1011
Saturday 24 May 2025																				
00	SSE	13	14	16	150	17	21	150	19	23	dz	9	9	8	5	good	75	nlc	79	1008
03	SSE	13	15	17	150	17	21	150	19	23	ra	9	9	8	7	good	87	nlc	79	1005
06	SSE	12	13	15	160	15	18	160	17	20	ra	10	9	9	8	md/gd	92	1000	80	1002
09	SSE	9	10	12	160	12	15	160	13	15	ra	11	10	10	10	good	92	2000	80	1001
12	SSW	7	8	10	230	11	13	250	12	15	ra	12	12	12	11	good	92	500	79	999
15	SW	7	8	10	250	11	13	270	13	15	ra	13	12	12	11	good	92	1000	75	998
18	SW	5	6	7	240	7	9	260	8	10	nsw	12	12	12	12	good	96	500	74	997
21	S	3	4	5	190	5	7	190	6	8	nsw	11	11	12	11	md/gd	99	3500	72	996
Sunday 25 May 2025																				
00	SSE	6	7	8	150	12	14	150	15	17	shra	11	11	12	11	good	99	1000	76	993
03	SSE	8	9	10	160	13	16	150	16	18	shra	11	11	11	11	md/gd	100	3500	76	990
06	SSW	8	9	11	190	11	15	180	12	16	ra	12	11	11	11	good	96	1000	64	988
09	WSW	24	27	31	260	35	44	260	39	49	ra	11	11	10	9	good	87	1000	70	988
12	WSW	27	30	35	260	36	46	260	41	52	ra	11	10	10	7	good	79	2000	68	990



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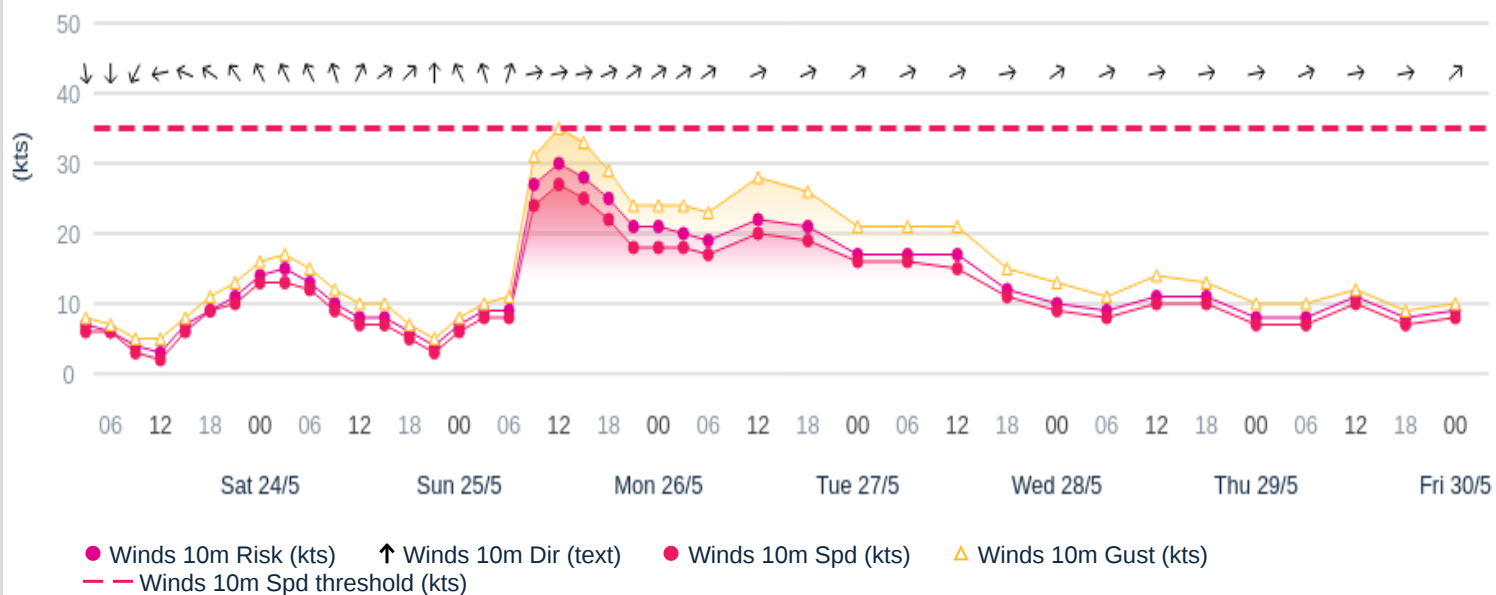
Issued on 23 May 2025, 04:01 UTC

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)
15	WSW	25	28	33	260	34	43	260	38	48	ra	11	10	10	7	good	77	3500	56	992
18	WSW	22	25	29	250	29	37	260	32	41	ra	10	10	9	6	good	77	2000	57	994
21	SW	18	21	24	240	26	34	250	30	38	shra	9	9	8	6	good	82	1000	54	995
Monday 26 May 2025																				
00	SW	18	21	24	240	24	31	240	28	36	shra	9	8	8	6	good	81	3500	64	995
03	SW	18	20	24	240	24	31	240	28	36	ra	9	8	8	6	good	81	3500	69	995
06	SW	17	19	23	240	24	31	240	27	35	ra	9	8	8	6	good	81	2000	74	995
12	WSW	20	22	28	250	27	34	250	29	37	shra	11	10	10	6	good	71	3500	76	996
18	WSW	19	21	26	250	27	34	260	30	38	nsw	11	10	10	6	good	74	3500	70	997
Tuesday 27 May 2025																				
00	SW	16	17	21	250	24	29	250	27	32	nsw	9	9	9	7	good	83	2000	70	999
06	WSW	16	17	21	250	21	27	260	24	30	nsw	10	9	9	7	good	82	2000	68	999
12	WSW	15	17	21	260	19	25	260	20	26	nsw	11	11	10	7	good	74	1000	49	1001
18	WSW	11	12	15	270	15	19	270	17	21	dz	11	11	10	7	good	76	3500	42	1003
Wednesday 28 May 2025																				
00	SW	9	10	13	250	16	20	260	19	23	dz	10	10	9	7	good	84	2000	55	1003
06	WSW	8	9	11	260	13	16	270	15	18	dz	10	10	9	8	good	85	nlc	42	1003
12	WSW	10	11	14	260	14	18	270	16	20	dz	12	11	11	7	good	75	3500	56	1005
18	WSW	10	11	13	270	14	18	280	16	20	nsw	11	11	10	8	good	81	nlc	62	1006
Thursday 29 May 2025																				
00	WSW	7	8	10	260	11	14	260	13	16	dz	10	10	10	8	good	86	nlc	61	1006
06	WSW	7	8	10	290	11	14	320	13	15	ra	10	10	9	8	good	88	nlc	60	1007
12	WSW	10	11	12	250	13	15	240	14	17	dz	11	11	10	8	good	80	1000	58	1012
18	WSW	7	8	9	270	9	11	280	10	12	nsw	12	12	11	9	good	82	nlc	43	1013
Friday 30 May 2025																				
00	SW	8	9	10	230	12	14	230	14	16	dz	11	10	10	9	good	89	nlc	69	1014

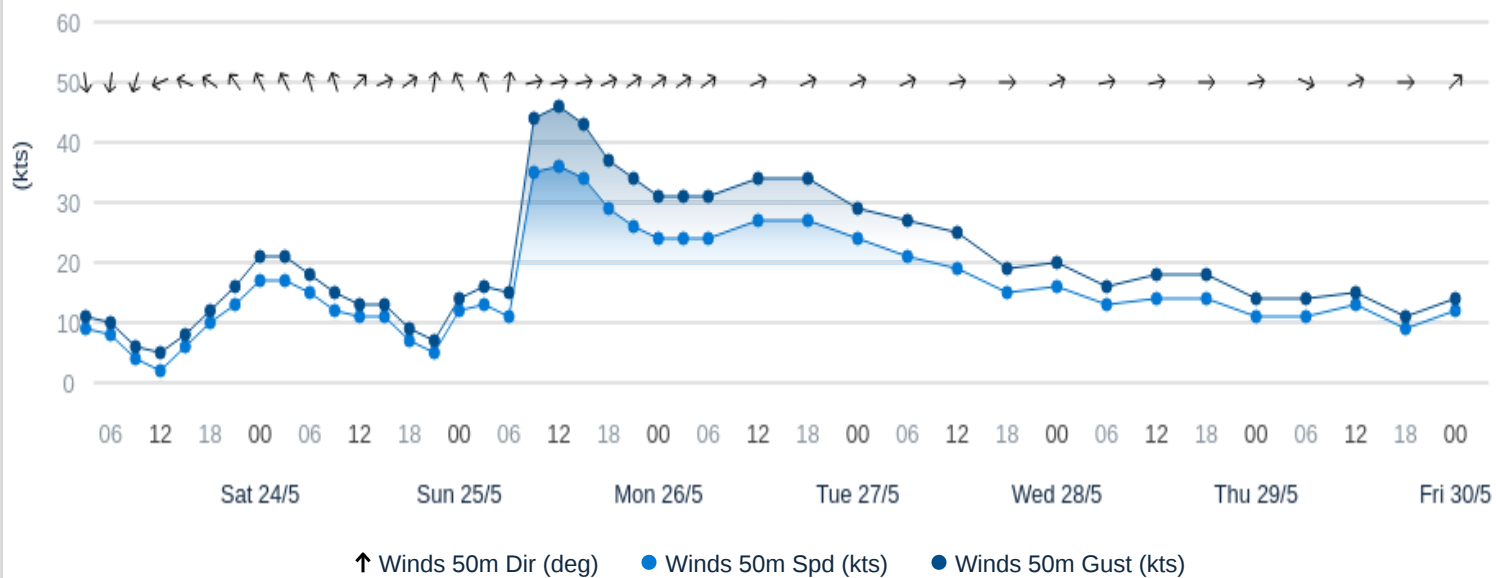
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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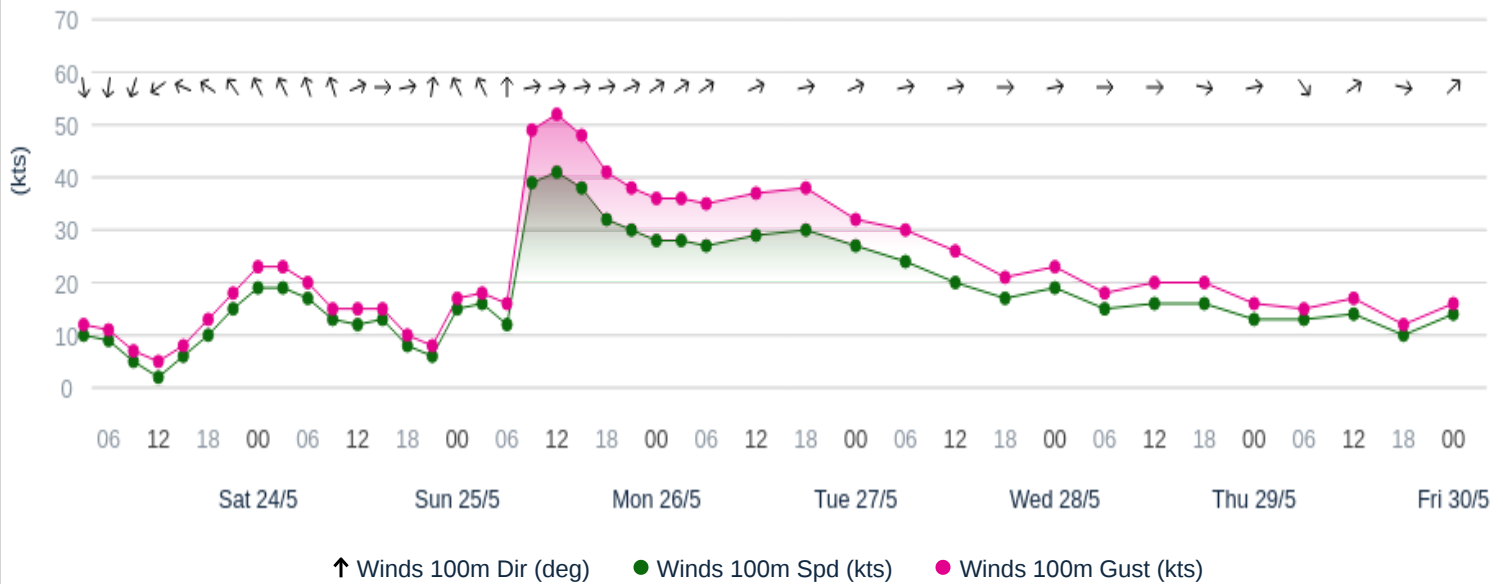
10m Wind Graph - 7 Day **Scapa Flow**



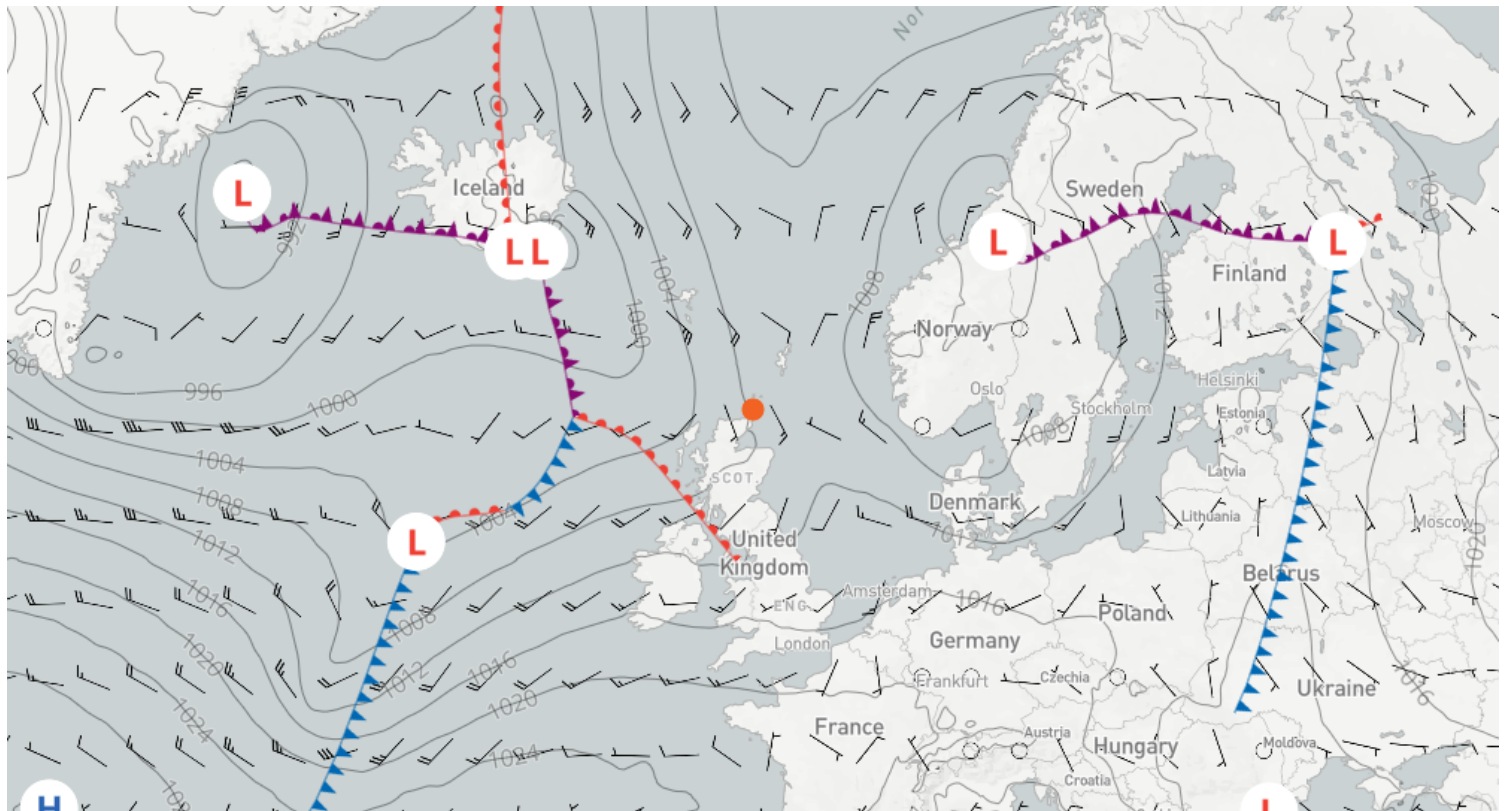
50m Wind Graph - 7 Day **Scapa Flow**



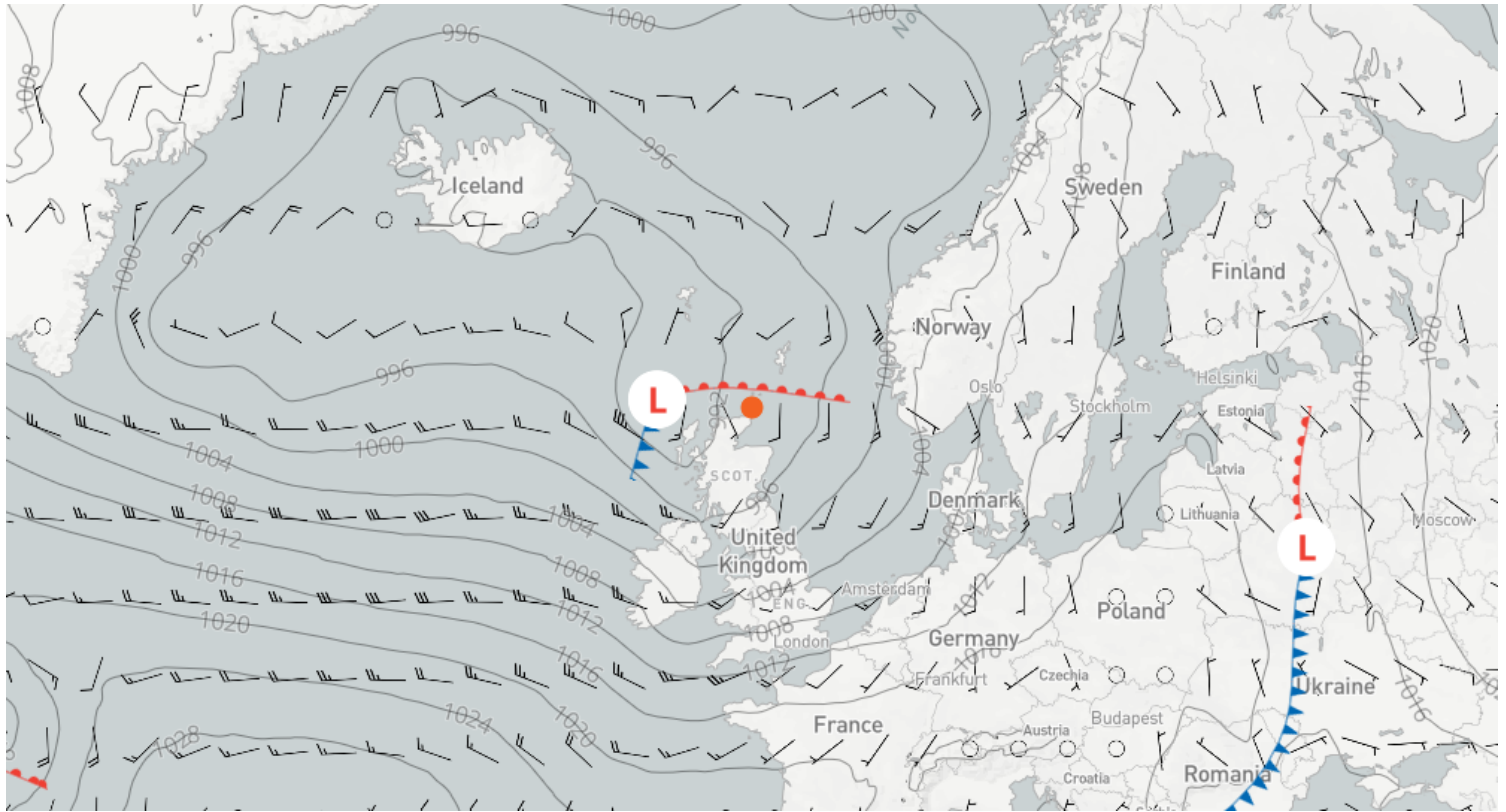
100m Wind Graph - 7 Day Scapa Flow



Issued on 23 May 2025, 00:00 UTC | Forecast for 24 May 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 23 May 2025, 00:00 UTC | Forecast for 25 May 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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