



Single Location Forecast - 7 Day

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

Issued on 24 May 2025, 14:01 UTC

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Meteorological Situation

A front will quickly move east through the North Sea today, with low pressure moving in from the north-west increasing winds into Sunday. The zonal pattern will continue into next week, with a tight pressure gradient keeping the wind strong, perhaps enhanced by a trough crossing the UK on Monday and Tuesday. Into mid-week a further area of low pressure may move through quickly before a ridge of high pressure briefly builds on Thursday. Beyond this, the unsettled theme is likely to continue. Local conditions next 72 hrs: Wind: WSW-ly, moderate, increasing to strong breeze on 25 May 12 UTC (risk of near gale). Sea temperature: 10-11C.

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)
Saturday 24 May 2025																				
12	WSW	15	16	20	260	21	27	260	23	30	nsw	12	12	11	11	good	92	1000	78	999
15	W	12	13	16	270	16	21	270	18	24	nsw	13	12	12	11	good	87	3500	63	998
18	SW	4	6	6	240	6	9	240	7	10	ra	12	12	12	11	good	91	3500	75	997
21	SSE	5	6	7	170	9	11	180	11	13	dz	11	12	12	11	good	96	3500	78	996
Sunday 25 May 2025																				
00	SSE	6	7	8	170	9	11	180	10	12	shra	12	12	13	11	good	95	nlc	78	993
03	SSE	7	7	9	160	11	13	170	13	15	ra	11	12	12	11	md/gd	98	nlc	79	989
06	SW	7	9	9	220	11	13	230	13	15	ra	12	12	11	11	mod	97	nlc	79	987
09	W	23	25	29	270	30	36	270	33	39	ra	11	11	10	9	md/gd	88	1000	78	987
12	W	26	29	34	270	32	40	270	34	43	ra	11	10	10	8	good	82	2000	76	989
15	W	24	27	32	270	30	38	270	33	41	ra	11	10	10	7	good	75	3500	63	991
18	WSW	21	23	27	260	27	33	260	29	35	ra	10	10	10	6	good	75	3500	48	993
21	WSW	17	18	22	250	22	27	250	24	29	ra	9	9	8	6	good	80	2000	65	995
Monday 26 May 2025																				
00	SW	16	18	22	240	22	27	240	24	29	ra	9	8	8	5	good	80	3500	53	995
03	SW	16	18	22	240	22	27	240	24	29	ra	8	8	7	5	good	81	3500	58	995
06	WSW	18	20	24	250	23	29	250	25	31	shra	9	8	8	5	good	78	2000	59	996
09	WSW	18	20	25	250	24	30	250	26	32	nsw	10	9	9	5	good	70	2000	54	998
12	WSW	18	19	24	250	22	28	240	23	30	shra	11	10	9	5	good	68	3500	59	998
15	WSW	17	18	23	250	20	26	250	21	27	shra	11	10	9	6	good	72	2000	54	998
18	SW	15	17	20	240	19	23	240	20	25	shra	10	10	9	6	good	75	3500	33	998
21	SW	13	14	17	240	18	22	240	20	24	nsw	10	9	9	6	good	78	3500	61	999
Tuesday 27 May 2025																				
00	SW	14	15	18	240	19	23	240	21	25	nsw	9	9	9	6	good	79	3500	32	998



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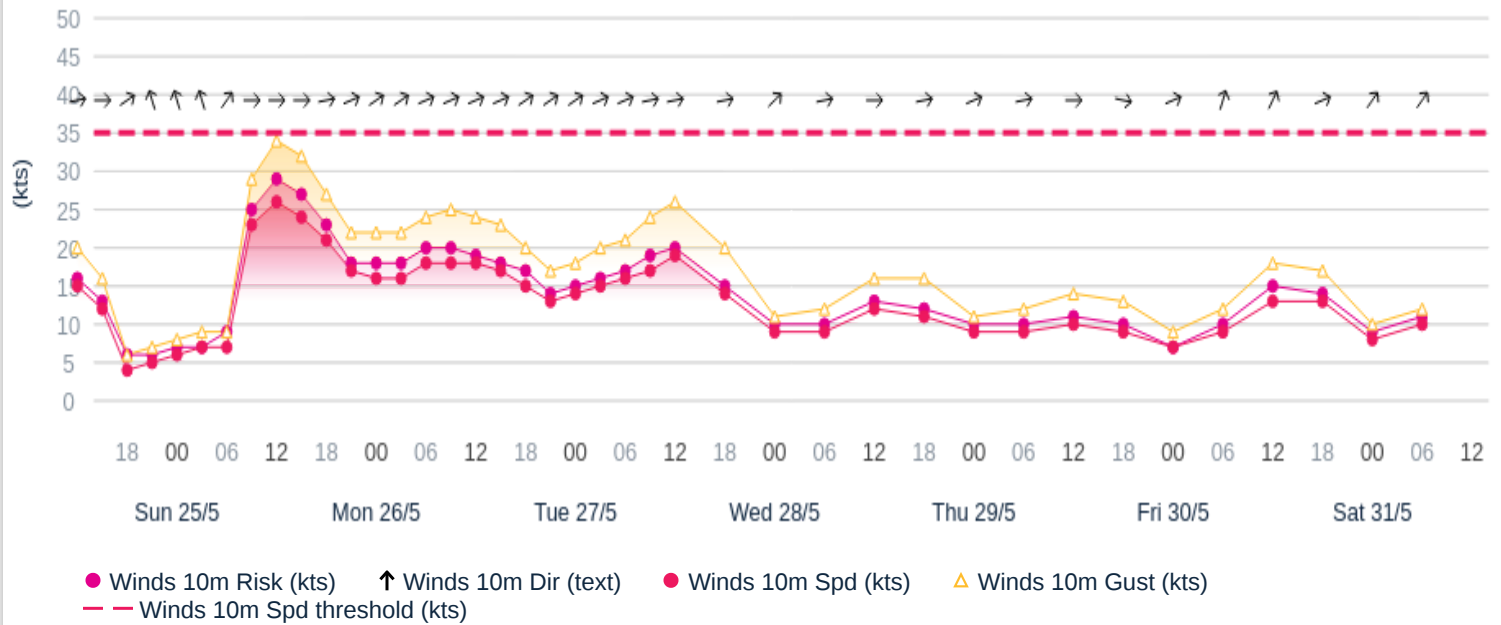
Issued on 24 May 2025, 14:01 UTC

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)
03	WSW	15	16	20	250	20	25	250	23	27	nsw	9	9	8	6	good	81	2000	37	998
06	WSW	16	17	21	250	21	26	250	23	28	nsw	9	9	8	6	good	79	2000	49	1000
09	WSW	17	19	24	250	23	28	250	25	31	nsw	11	10	10	6	good	73	2000	43	1001
12	WSW	19	20	26	250	24	31	250	26	33	nsw	11	11	10	6	good	71	3500	33	1002
18	WSW	14	15	20	260	19	25	260	21	27	dz	11	11	10	7	good	75	3500	56	1003
Wednesday 28 May 2025																				
00	SW	9	10	11	240	13	16	250	15	18	dz	10	10	9	7	good	82	3500	58	1003
06	WSW	9	10	12	260	11	14	260	12	15	dz	10	9	9	7	good	84	2000	41	1002
12	W	12	13	16	270	14	19	270	15	20	ra	11	11	10	8	good	79	2000	41	1004
18	WSW	11	12	16	270	15	19	270	16	21	dz	11	10	10	8	good	81	2000	42	1005
Thursday 29 May 2025																				
00	WSW	9	10	11	250	14	16	260	16	19	nsw	10	10	9	7	good	85	3500	64	1006
06	WSW	9	10	12	260	12	15	270	14	17	shra	10	9	9	7	good	83	2000	61	1006
12	W	10	11	14	270	13	17	270	14	18	shra	11	11	10	7	good	75	3500	51	1009
18	W	9	10	13	280	14	17	280	15	19	dz	11	11	10	7	good	75	3500	53	1012
Friday 30 May 2025																				
00	WSW	7	7	9	230	10	12	210	11	13	dz	10	10	10	7	good	81	3500	69	1014
06	SSW	9	10	12	180	12	15	160	14	17	ra	10	10	9	8	good	85	nlc	67	1012
12	SSW	13	15	18	210	18	23	210	21	26	ra	12	12	12	9	good	78	3500	56	1011
18	WSW	13	14	17	250	20	25	260	24	29	ra	12	12	12	9	good	82	nlc	40	1010
Saturday 31 May 2025																				
00	SW	8	9	10	220	15	17	230	18	20	nsw	11	12	12	9	good	87	nlc	69	1009
06	SW	10	11	12	220	16	19	220	19	22	ra	11	11	11	10	good	91	1000	50	1007

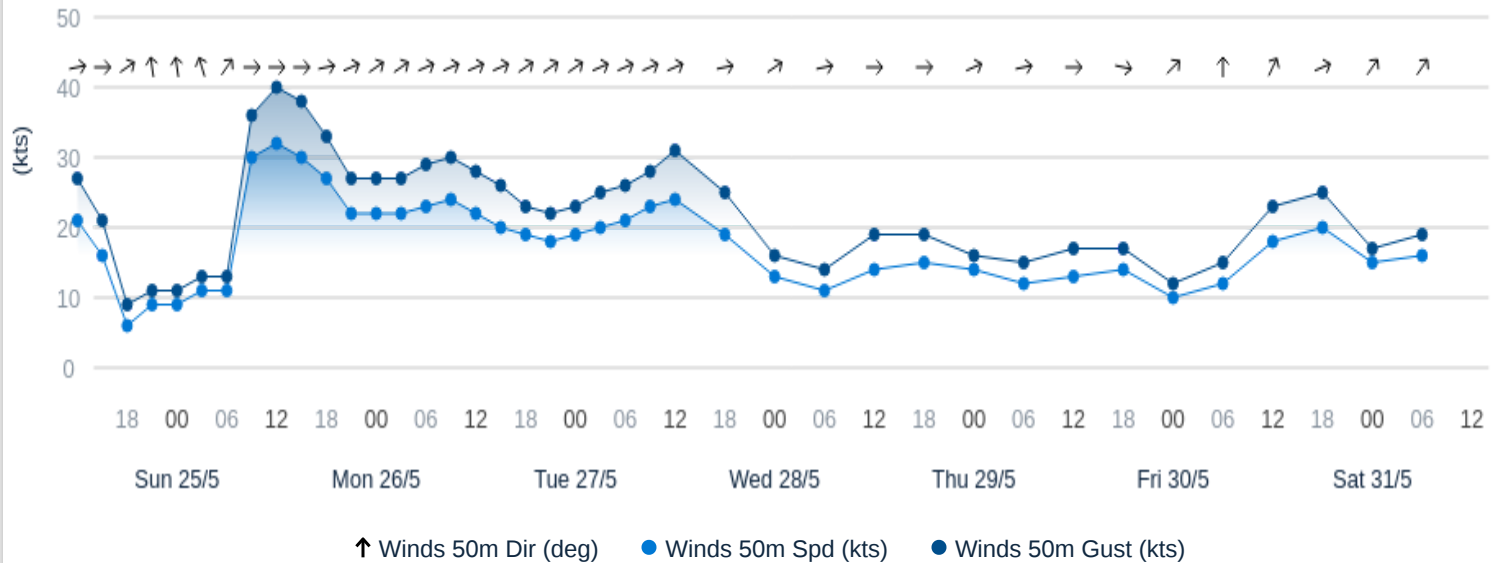
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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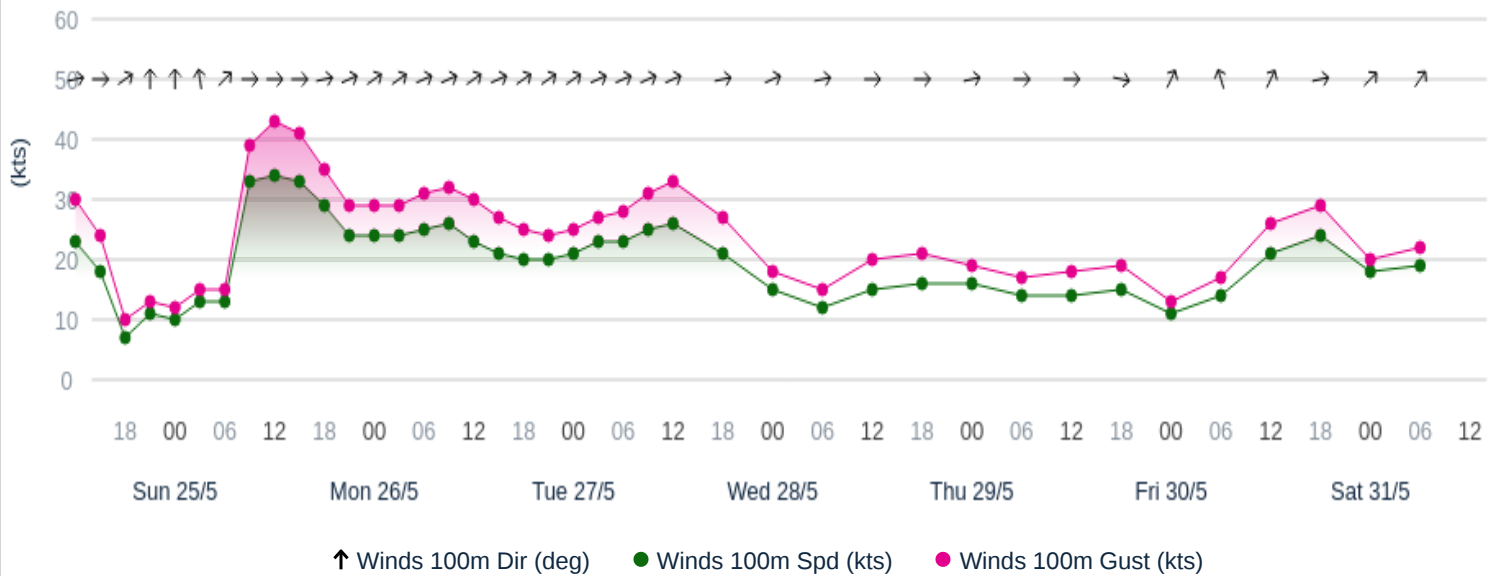
10m Wind Graph - 7 Day Scapa Flow



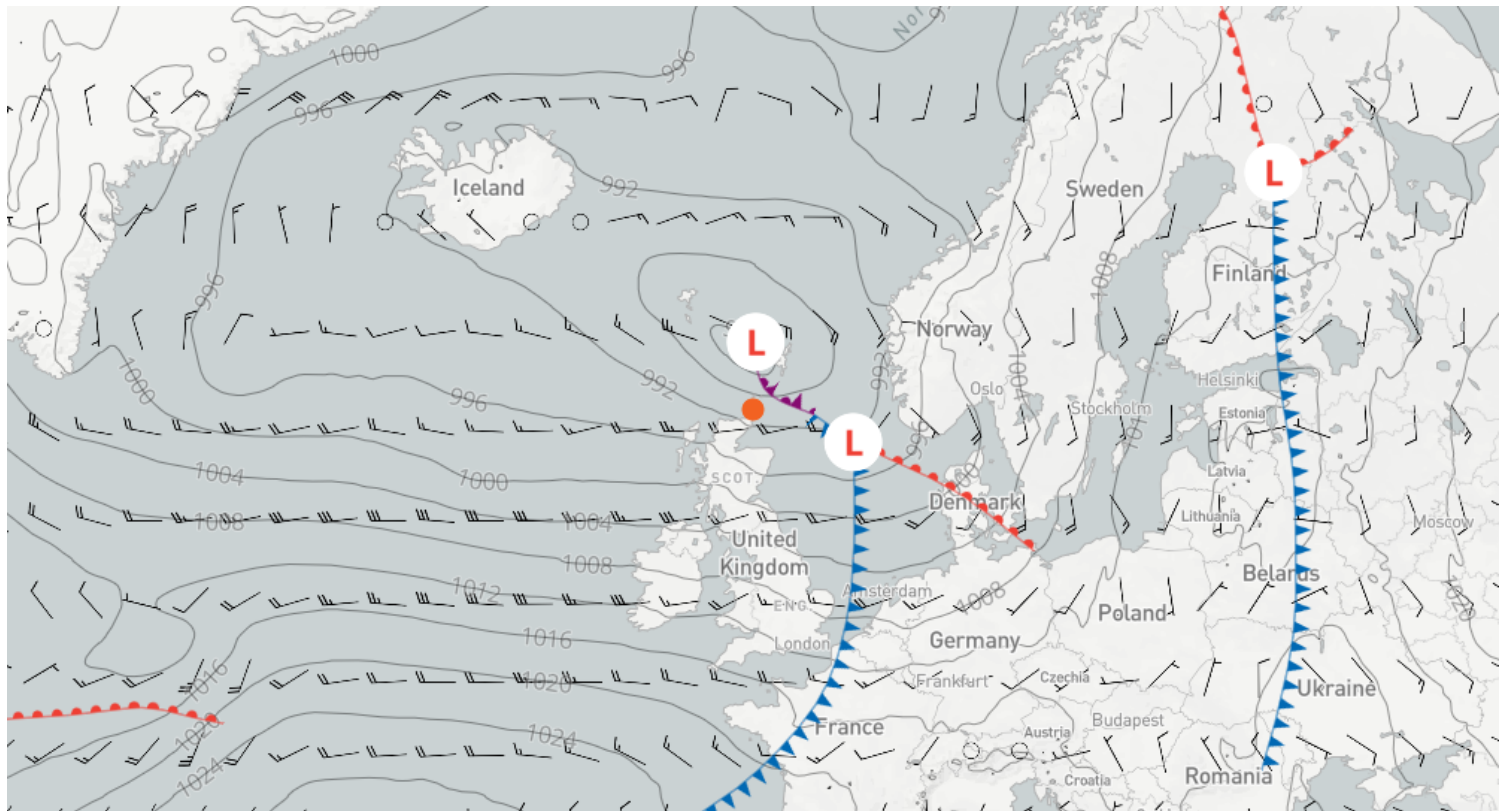
50m Wind Graph - 7 Day Scapa Flow



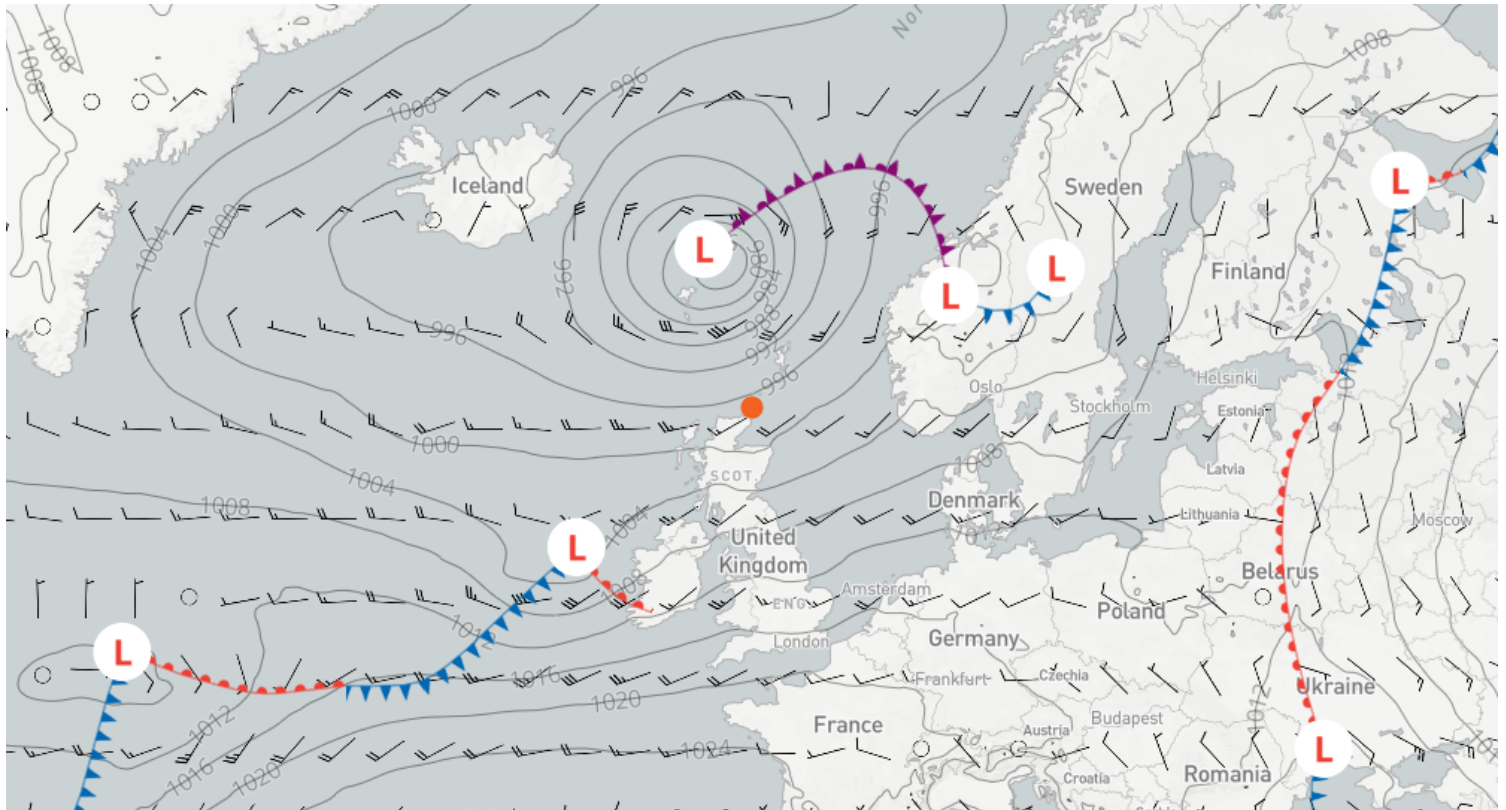
100m Wind Graph - 7 Day Scapa Flow



Issued on 24 May 2025, 12:00 UTC | Forecast for 25 May 2025, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 24 May 2025, 12:00 UTC | Forecast for 26 May 2025, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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