



Single Location Forecast - 7 Day

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

Issued on 08 July 2025, 14:01 UTC

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Meteorological Situation

High pressure ridge is crossing Orkney and later today a weak frontal trough will cross with rainy outbreaks during the evening. Winds will slowly back S-ly and remain calm. Wednesday and Thursday slightly unsettled F 4 SW-pattern will occur at Scapa on the northern flank of high pressure that will move into the southern UK. In the weekend, the high will slowly move from the North Sea towards the north crossing Shetland basin and promoting fair weather and moderate Easterly winds (F 3-4) at Scapa. Local conditions next 72 hrs: Wind: W-ly, light, increasing to moderate on 9 July 09 UTC. Sea temperature: 13-14C.

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 (%)	
Tuesday 08 July 2025																				
12	W	6	7	8	270	7	9	270	8	10	nsw	13	13	12	9	good	78	nlc	69	1016
15	S	6	6	8	180	6	8	190	6	8	nsw	14	14	13	10	good	78	nlc	66	1015
18	SSE	5	6	7	170	8	10	180	9	11	nsw	13	13	12	10	good	85	3500	79	1014
21	SSW	5	7	7	220	8	10	240	9	11	ra	13	13	13	12	md/gd	91	2000	79	1014
Wednesday 09 July 2025																				
00	W	8	9	10	270	13	16	270	15	18	nsw	13	13	12	12	good	94	500	77	1015
03	WSW	9	10	12	270	14	17	270	17	19	nsw	13	12	12	11	good	92	2000	79	1015
06	WSW	10	11	12	260	14	17	260	16	19	nsw	13	13	12	12	good	92	2000	78	1016
09	WSW	11	12	14	260	14	18	260	16	19	dz	14	14	13	11	good	85	2000	65	1017
12	WSW	8	11	12	250	11	15	260	13	16	nsw	15	15	14	12	good	82	3500	72	1017
15	SSW	6	9	8	190	8	11	190	9	12	dz	15	15	15	13	good	88	2000	79	1018
18	SW	7	9	9	240	10	12	250	12	14	dz	15	15	15	13	good	90	2000	69	1018
21	SW	5	8	7	240	10	12	240	12	13	nsw	14	15	15	13	good	91	3500	68	1018
Thursday 10 July 2025																				
00	SW	5	7	7	230	10	12	230	12	14	dz	14	15	15	13	good	91	1000	77	1019
03	SSW	4	7	6	220	8	10	240	10	11	nsw	14	14	15	13	good	93	3500	71	1018
06	SSW	6	7	8	210	9	11	220	11	13	nsw	14	14	15	13	good	91	2000	64	1018
09	SW	7	9	10	220	11	14	230	11	15	nsw	16	16	16	13	good	83	2000	69	1019
12	SW	7	9	9	230	9	11	240	10	12	nsw	16	17	17	13	good	82	3500	71	1020
15	SW	5	7	8	240	8	10	240	9	12	nsw	16	16	16	13	good	84	3500	70	1020
18	SW	3	6	5	230	6	8	240	8	10	nsw	16	16	17	14	good	88	3500	65	1020
21	SSE	3	5	5	180	5	7	190	6	8	nsw	15	16	17	14	good	91	nlc	70	1020
Friday 11 July 2025																				
00	S	5	6	7	210	10	12	220	11	13	nsw	15	16	17	13	good	90	nlc	72	1020



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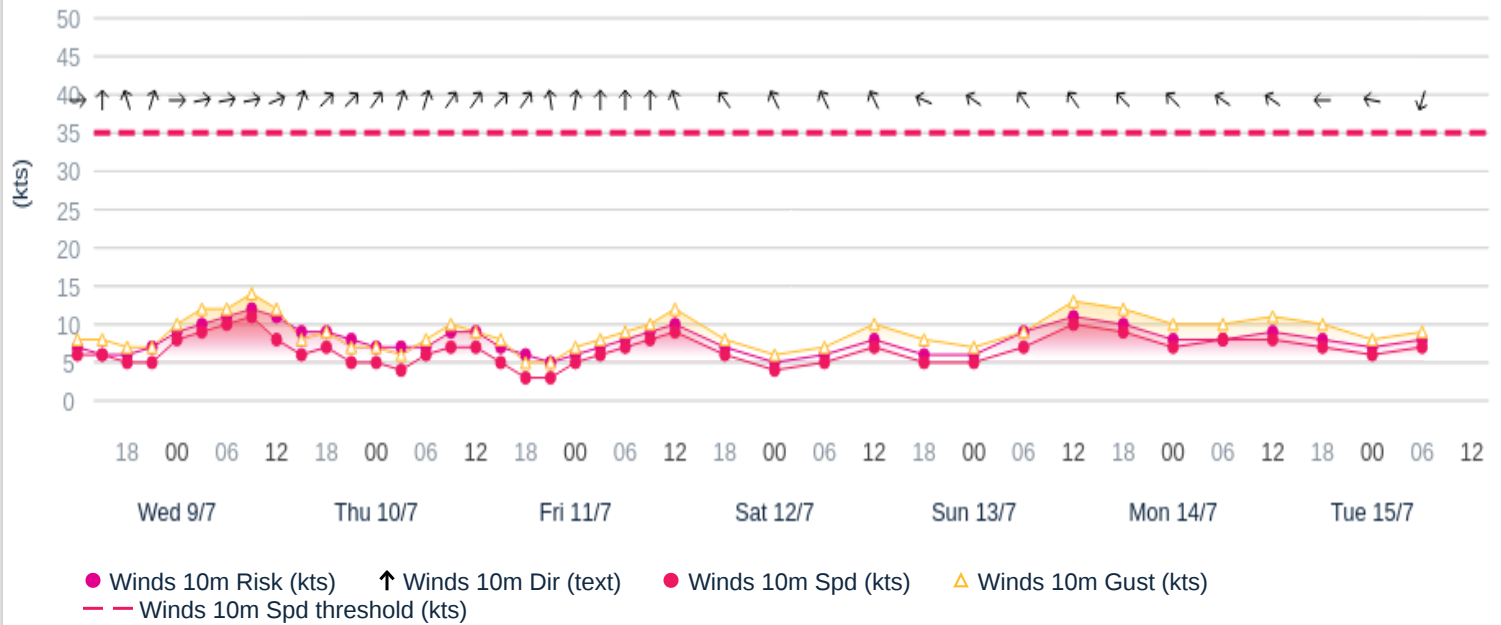
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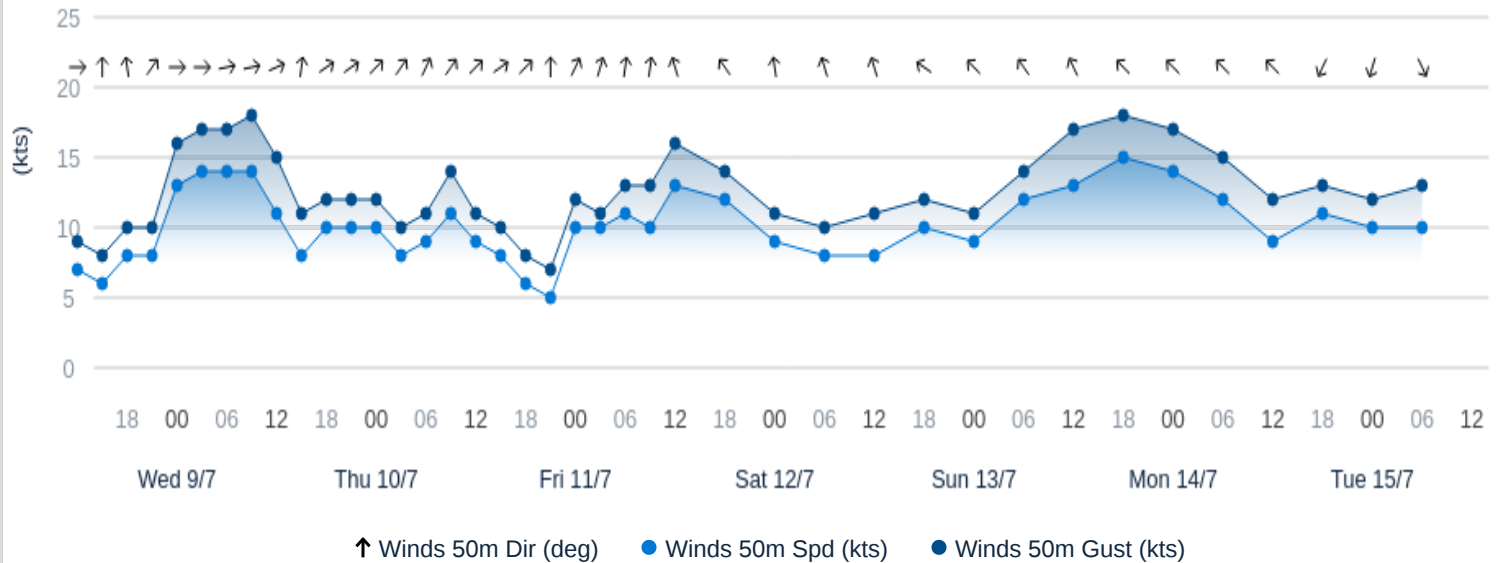
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
03	S	6	7	8	200	10	11	210	11	13	nsw	15	16	17	13	good	91	nlc	71	1020
06	S	7	8	9	190	11	13	200	13	15	nsw	15	16	16	14	good	90	nlc	74	1020
09	S	8	9	10	190	10	13	190	12	14	nsw	16	17	18	14	good	84	nlc	72	1020
12	SSE	9	10	12	160	13	16	170	14	17	nsw	17	17	18	14	good	82	3500	58	1019
18	SE	6	7	8	140	12	14	140	14	16	nsw	16	16	17	14	good	86	nlc	49	1018
Saturday 12 July 2025																				
00	SSE	4	5	6	170	9	11	190	11	13	nsw	15	15	16	13	good	93	nlc	48	1018
06	SSE	5	6	7	160	8	10	170	10	12	nsw	15	16	18	14	good	92	nlc	17	1018
12	SSE	7	8	10	160	8	11	170	9	12	nsw	17	19	20	14	good	81	nlc	11	1018
18	ESE	5	6	8	120	10	12	130	11	14	nsw	17	17	17	14	good	86	nlc	9	1018
Sunday 13 July 2025																				
00	ESE	5	6	7	130	9	11	130	11	13	nsw	15	15	16	14	good	93	nlc	5	1019
06	SE	7	9	9	140	12	14	150	14	16	nsw	15	16	16	14	good	91	nlc	6	1019
12	SE	10	11	13	150	13	17	150	15	19	nsw	17	17	17	14	good	84	nlc	7	1020
18	SE	9	10	12	130	15	18	140	17	21	nsw	16	17	17	14	good	85	nlc	11	1020
Monday 14 July 2025																				
00	SE	7	8	10	130	14	17	130	17	20	nsw	15	15	16	13	mod	90	nlc	28	1020
06	ESE	8	8	10	130	12	15	140	14	17	nsw	15	15	16	14	good	92	nlc	31	1019
12	ESE	8	9	11	130	9	12	130	10	12	nsw	16	17	17	14	good	84	nlc	48	1018
18	E	7	8	10	30	11	13	330	13	15	nsw	16	16	15	14	good	87	nlc	15	1017
Tuesday 15 July 2025																				
00	E	6	7	8	20	10	12	310	12	14	nsw	14	14	14	13	good	91	nlc	17	1018
06	NNE	7	8	9	330	10	13	280	11	14	nsw	14	14	14	13	good	91	nlc	44	1018

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

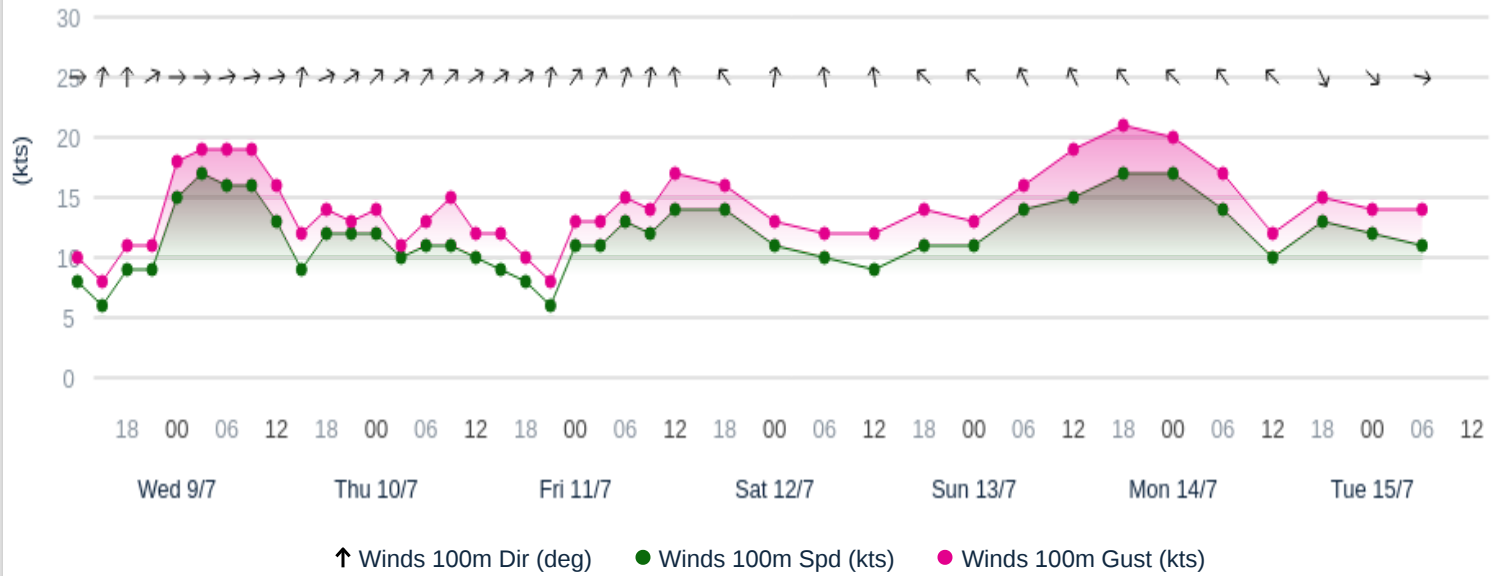
10m Wind Graph - 7 Day Scapa Flow



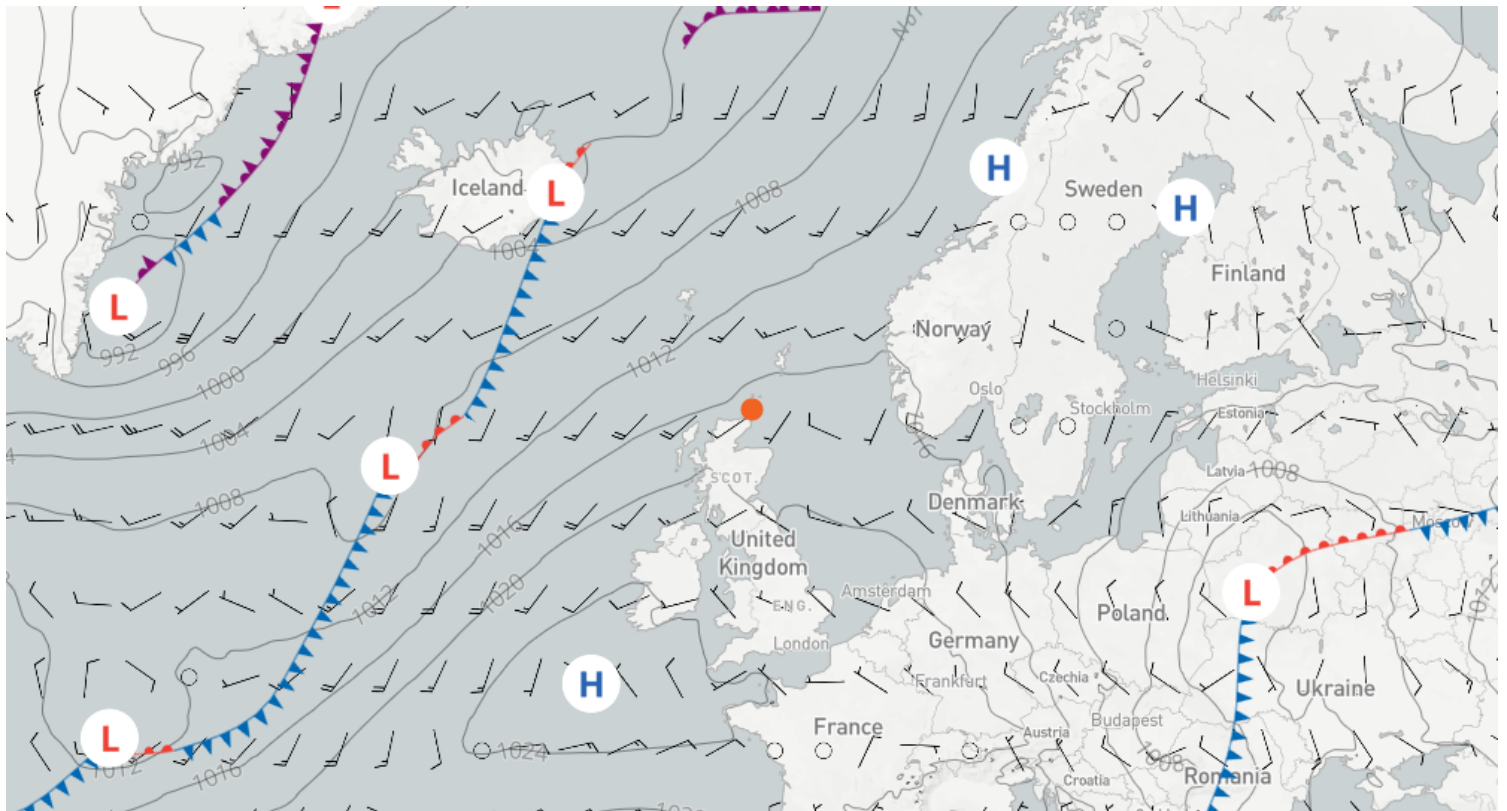
50m Wind Graph - 7 Day Scapa Flow



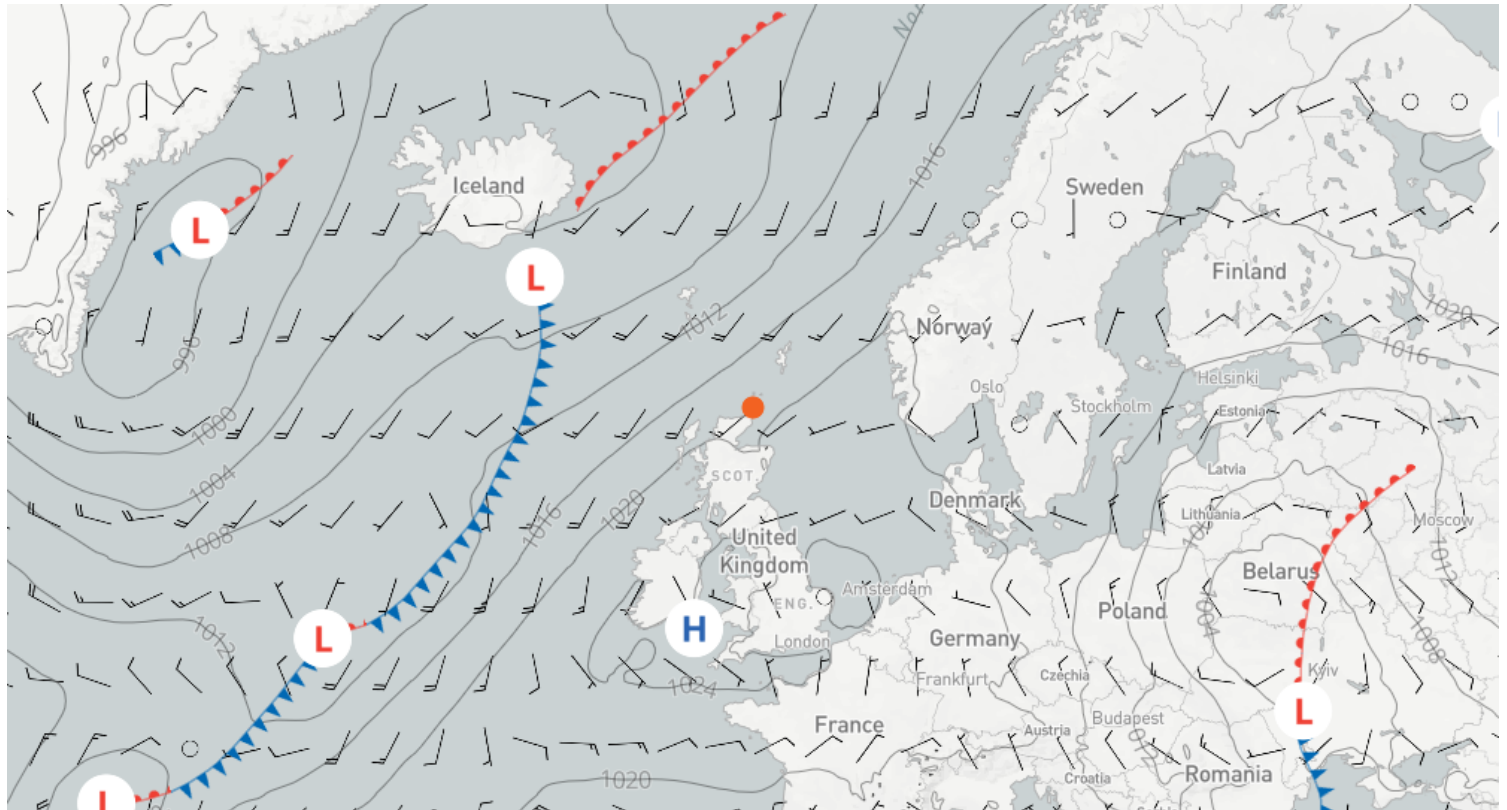
100m Wind Graph - 7 Day Scapa Flow



Issued on 08 July 2025, 12:00 UTC | Forecast for 09 July 2025, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 08 July 2025, 12:00 UTC | Forecast for 10 July 2025, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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