



Single Location Forecast - 7 Day

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

Issued on 19 June 2025, 04:01 UTC

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Meteorological Situation

High pressure is located over Ireland and the UK with its centre (1027hPa) over Scotland and northeastern England. Meanwhile a low is over the northwestern Atlantic (1008hPa), and another low (1007hPa) just north of the Azores. Today the weather will be fine over Scapa Flow with force 3 westerlies. Overnight there is risk of some mist. During tonight and early morning the centre of the high is expected to move via the Netherlands into the continent. In the night to Saturday the earlier mentioned Atlantic-low will approach Ireland. During Saturday low pressure is expected to expand over the entire UK with a frontal trough crossing in the night to Sunday. On Monday the low is expected to move to the Norwegian Sea, while high pressure is then expected to build over the Azores. In between over the UK a firm pressure gradient is expected to become established over the entire UK and the North Sea. Wednesday, Thursday and Friday low pressure is expected over the northeastern Atlantic, Iceland, Ireland, the UK, and the North Sea and Baltic Sea. Unsettled conditions and it can be windy at times. Local conditions next 72 hrs: Wind: variable direction, light, increasing to moderate on 21 June 06 UTC. Sea temperature: 12-13C.

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 (%)	
Thursday 19 June 2025																				
03	WSW	7	8	9	260	10	12	270	12	14	nsw	11	10	10	9	good	91	nlc	32	1025
06	WSW	8	8	10	260	10	12	260	11	13	nsw	11	11	10	9	good	87	3500	29	1025
09	WSW	7	8	9	250	8	11	250	9	11	nsw	12	12	11	8	good	77	2000	56	1026
12	SSW	6	7	9	200	6	9	190	6	9	nsw	13	13	12	9	good	76	nlc	60	1026
15	SSE	9	10	12	150	10	13	140	11	14	nsw	13	12	12	9	good	78	nlc	66	1026
18	SE	9	10	11	140	13	15	140	14	17	nsw	13	12	12	10	good	84	nlc	68	1025
21	SE	8	9	10	150	13	15	150	15	17	nsw	12	12	12	10	good	89	nlc	63	1024
Friday 20 June 2025																				
00	SSE	6	8	8	160	11	13	170	13	14	nsw	12	13	13	11	good	91	nlc	59	1022
03	SSE	6	7	8	180	11	13	200	13	15	nsw	13	14	15	11	good	92	nlc	65	1021
06	SSW	5	6	7	210	10	12	230	12	14	nsw	14	14	15	12	good	89	3500	55	1020
09	WSW	6	7	8	270	8	10	280	8	10	nsw	15	16	16	12	good	82	500	51	1020
12	WNW	10	10	12	290	11	14	290	12	14	nsw	15	15	15	12	good	83	1000	50	1020
15	NW	9	9	11	320	9	12	320	10	12	nsw	15	15	14	12	good	83	3500	45	1021
18	NNE	5	6	7	20	6	8	20	6	8	nsw	14	13	13	11	good	85	2000	51	1021
21	ENE	5	5	7	60	7	9	60	8	10	nsw	12	12	11	10	good	89	3500	58	1021
Saturday 21 June 2025																				
00	E	5	6	8	80	8	12	80	9	12	nsw	11	11	11	10	good	92	2000	63	1021
03	E	9	12	12	90	12	16	90	14	18	nsw	11	11	11	10	good	94	1000	78	1019
06	E	13	16	17	100	17	22	100	19	24	nsw	12	12	11	11	good	93	2000	73	1018
09	ESE	15	18	20	110	18	23	110	20	26	nsw	13	13	12	11	good	89	1000	77	1016
12	SE	14	17	18	130	16	21	130	18	23	nsw	14	13	13	12	md/gd	90	1000	76	1014



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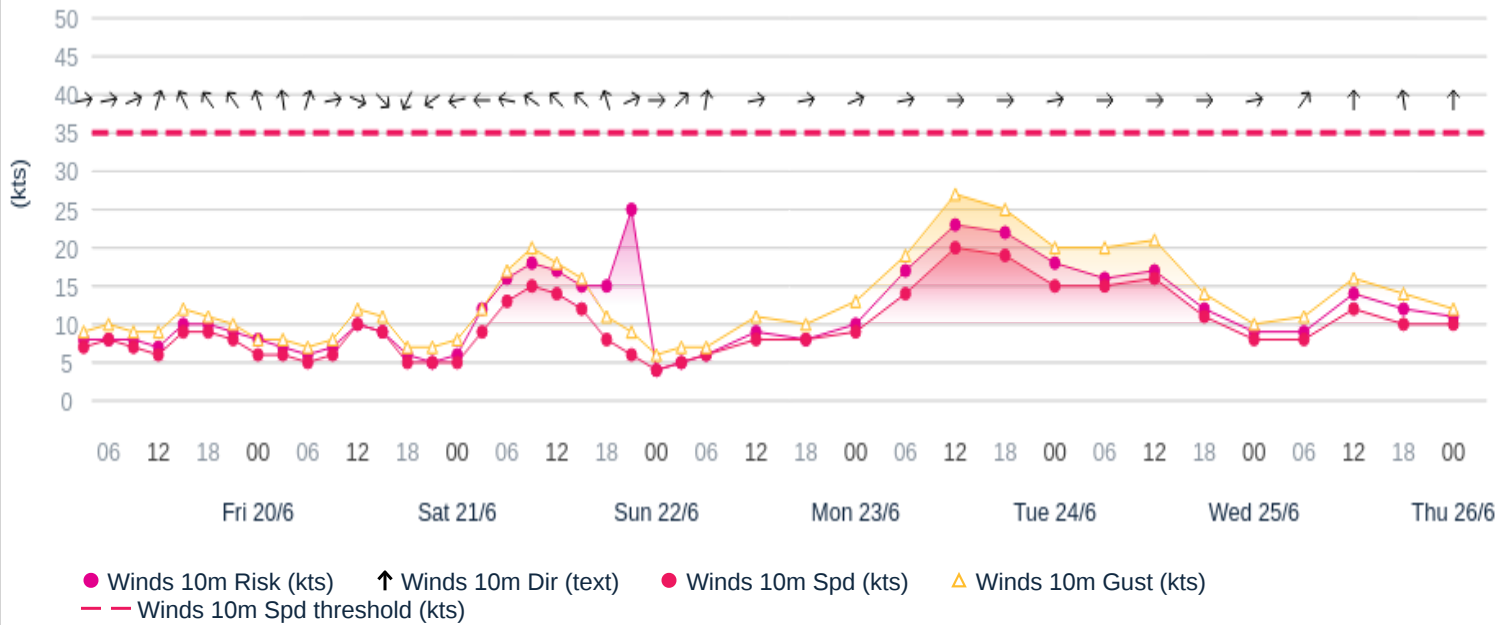
Issued on 19 June 2025, 04:01 UTC

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	SE	12	15	16	130	15	20	120	17	22	nsw	14	15	15	12	md/gd	88	nlc	63	1011
18	SSE	8	15	11	160	13	17	160	15	19	shra	15	15	15	13	md/gd	89	100	61	1009
21	WSW	6	25	9	240	12	16	230	14	19	ts	14	15	16	13	good	90	3500	53	1008
Sunday 22 June 2025																				
00	W	4	4	6	290	8	10	310	10	12	nsw	14	14	15	13	good	94	3500	69	1007
03	SW	5	5	7	240	9	11	310	11	13	ra	13	14	14	13	good	96	2000	71	1006
06	S	6	6	7	190	9	11	180	11	13	ra	13	13	13	13	md/gd	97	500	73	1004
12	WSW	8	9	11	210	11	14	150	12	15	shra	14	14	14	12	md/gd	90	2000	73	1003
18	WSW	8	8	10	260	10	13	250	11	14	shra	13	13	13	12	md/gd	91	2000	76	1001
Monday 23 June 2025																				
00	WSW	9	10	13	260	13	18	260	15	20	shra	12	11	11	10	good	90	1000	65	1000
06	WSW	14	17	19	260	18	24	260	19	25	shra	12	11	11	10	good	88	1000	62	1000
12	W	20	23	27	270	24	31	270	27	34	ra	13	12	12	10	good	82	1000	67	1001
18	W	19	22	25	280	23	30	280	26	33	dz	12	12	11	9	good	83	3500	65	1002
Tuesday 24 June 2025																				
00	WSW	15	18	20	260	20	26	270	23	30	dz	11	11	11	10	good	88	1000	68	1003
06	W	15	16	20	280	18	24	290	20	26	ra	11	11	10	9	good	88	1000	71	1004
12	W	16	17	21	270	16	21	280	16	21	dz	13	12	12	9	good	79	1000	53	1005
18	W	11	12	14	280	11	14	280	10	14	ra	12	12	11	10	good	83	3500	61	1007
Wednesday 25 June 2025																				
00	WSW	8	9	10	250	9	11	250	9	11	dz	12	11	11	9	good	86	3500	66	1009
06	SW	8	9	11	210	10	12	200	10	13	dz	12	11	11	10	good	86	nlc	70	1010
12	S	12	14	16	170	16	20	150	17	21	nsw	13	13	13	10	good	81	nlc	69	1008
18	SSE	10	12	14	170	16	20	160	19	23	shra	14	14	14	12	good	86	nlc	72	1005
Thursday 26 June 2025																				
00	S	10	11	12	180	17	19	190	19	22	ra	13	14	14	11	good	88	nlc	73	1003

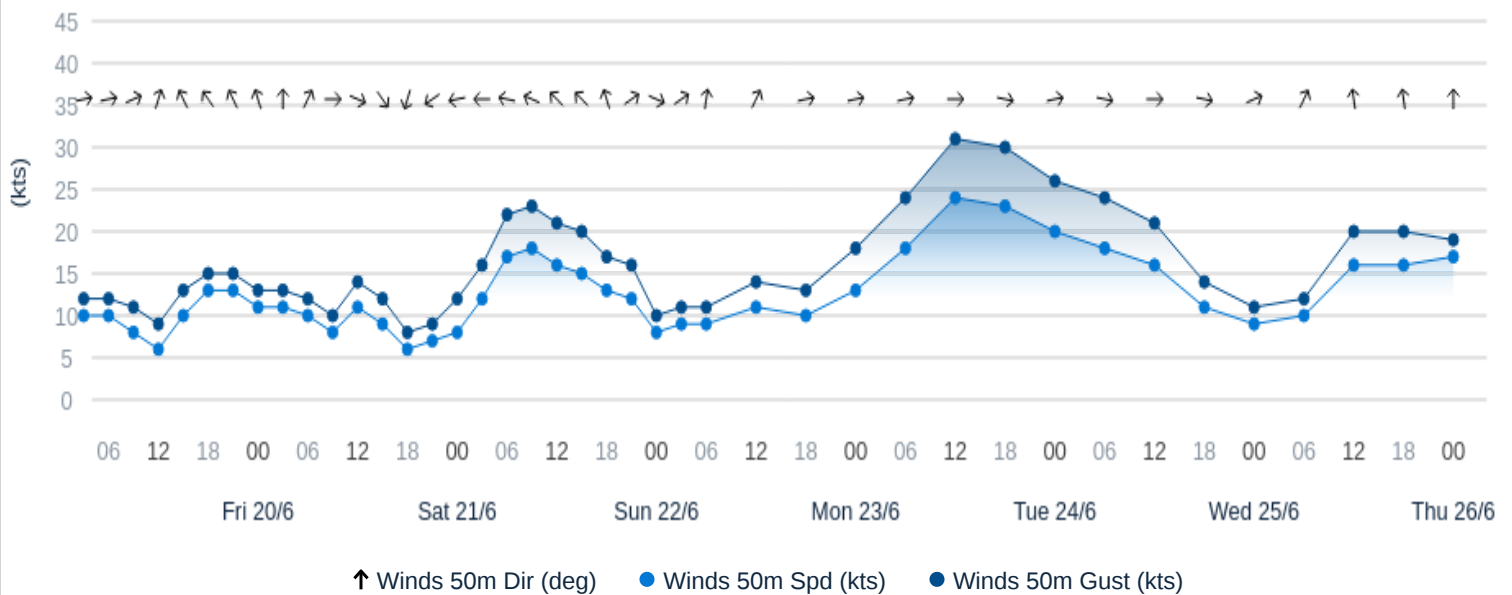
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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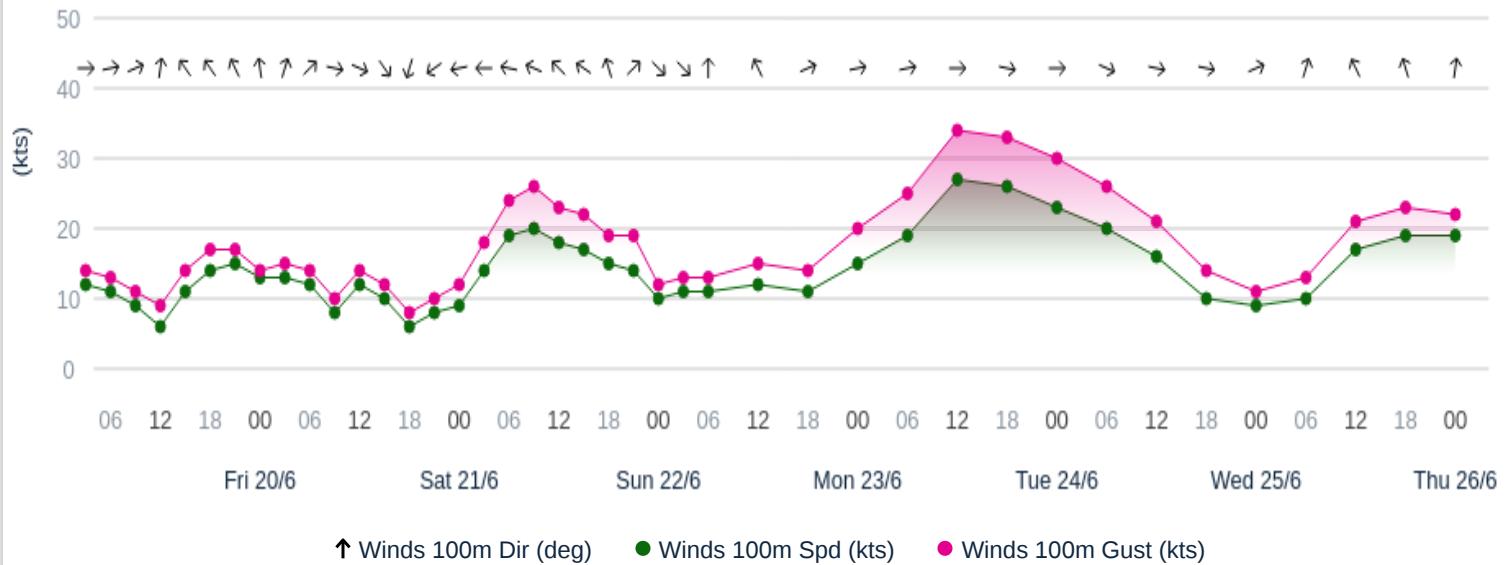
10m Wind Graph - 7 Day Scapa Flow



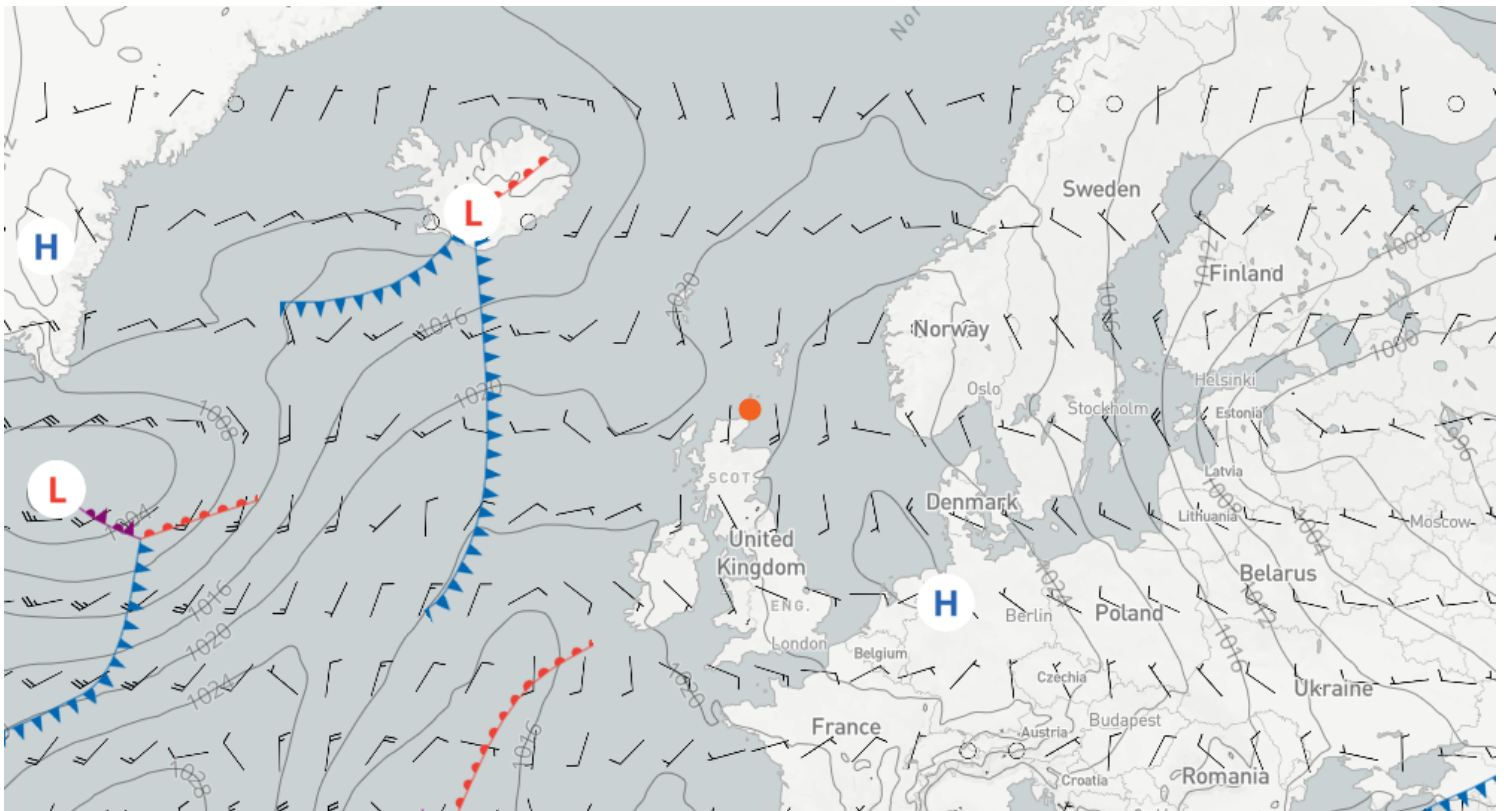
50m Wind Graph - 7 Day Scapa Flow



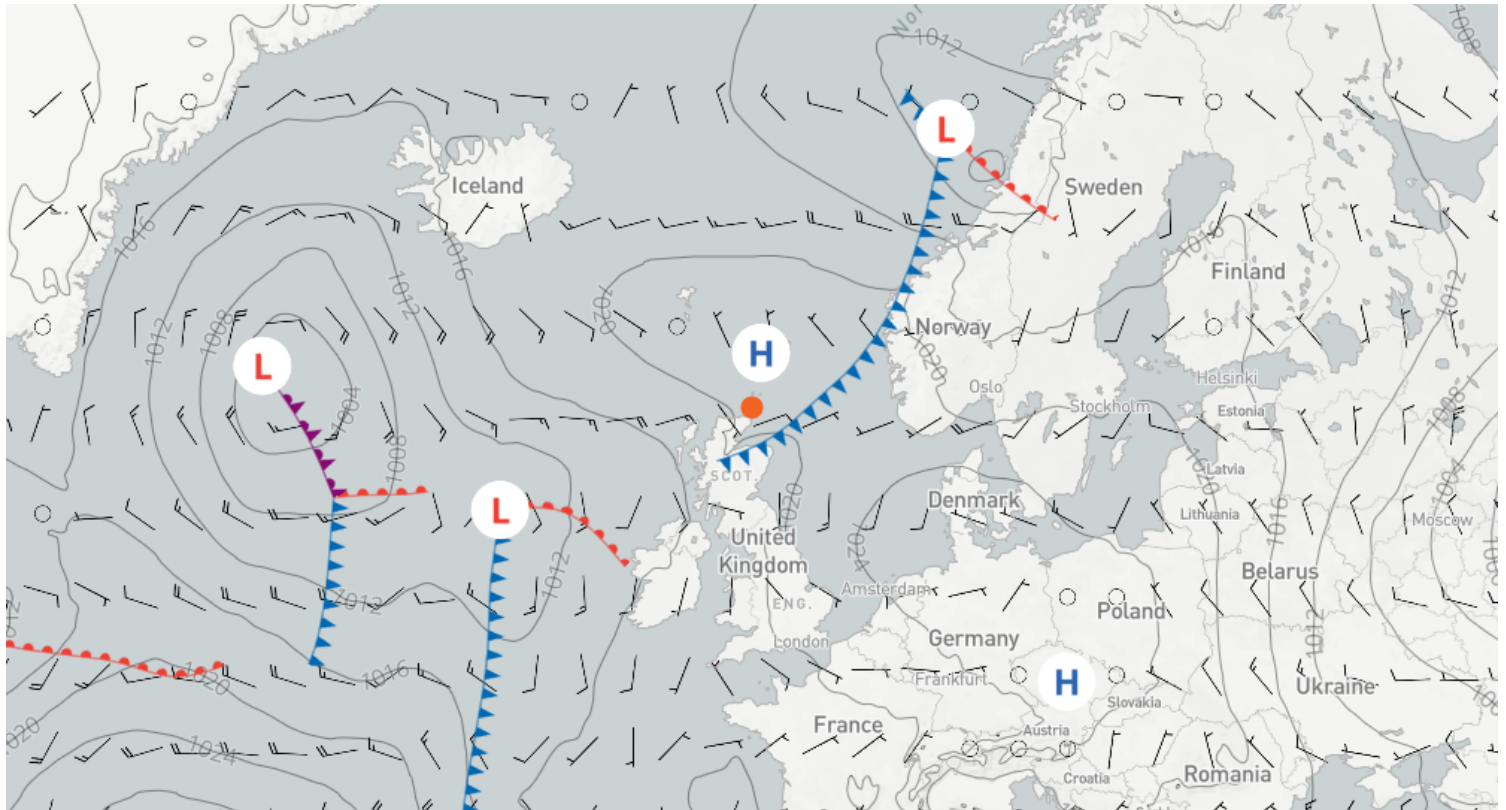
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 19 June 2025, 00:00 UTC | Forecast for 20 June 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 19 June 2025, 00:00 UTC | Forecast for 21 June 2025, 00:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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