



Single Location Forecast - 7 Day

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

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Issued on 02 September 2026, 04:01 UTC

Meteorological Situation

A complex low (991-1004hPa) is located from the Norwegian Sea via Scandinavia until Russia. Another large low (991hPa) is located over the Atlantic. In between a high over Greenland and Iceland (1015-1025hPa) is connected via a ridge over the UK to a high over the western continent (1023hPa). The main centre of the latter is located over the Azores (1025hPa). Today the weather is expected to be fine over Scapa Flow under the ridge with light to moderate winds. The ridge will move to the east during today and in the evening a trough of low pressure is approaching Ireland and late in the evening into Scotland. Early in the night to Thursday showers are expected over Scapa Flow with early in the morning also risk of thunder and lightning. In the afternoon calmer conditions are expected but in the evening a new batch of showers with lightning is expected again. During Friday the low is expected to move north of Scotland towards Scandinavia. This will result in more showers and increasing winds to force 5, maybe just peaking into force 6. Local conditions next 72 hrs: Wind: variable direction, moderate, increasing to strong on 4 September 18 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 (%)	
Wednesday 02 September 2026																				
03	WNW	12	17	17	300	18	22	300	20	25	nsw	11	10	10	7	good	76	3500	51	1012
06	WNW	11	15	16	300	17	21	300	19	23	nsw	10	10	9	5	good	71	3500	48	1013
09	WNW	11	13	15	290	14	19	290	15	20	nsw	11	11	10	5	good	65	3500	54	1014
12	WNW	8	10	12	290	10	13	290	11	14	nsw	12	11	10	5	good	63	3500	47	1014
15	WNW	2	5	4	290	3	5	290	3	5	nsw	12	11	11	4	good	60	nlc	47	1013
18	ESE	5	8	9	110	7	10	110	8	11	nsw	11	11	11	5	good	64	nlc	48	1012
21	SE	11	13	15	130	15	19	130	16	21	nsw	12	11	11	8	good	76	3500	65	1010
Thursday 03 September 2026																				
00	SE	13	15	19	130	18	23	130	20	25	ra	13	12	12	11	good	88	1000	77	1007
03	SE	12	15	17	140	16	21	140	18	23	ra	13	13	12	12	md/gd	95	500	79	1004
06	S	10	13	14	200	16	20	210	18	22	ra	14	13	13	13	md/gd	95	1000	77	1003
09	WSW	15	16	21	260	21	27	260	23	30	dz	14	14	14	12	good	86	3500	31	1004
12	WSW	15	16	21	260	20	26	260	22	29	nsw	15	15	14	12	good	80	2000	23	1005
15	WSW	11	12	16	250	15	20	260	17	22	nsw	15	15	15	12	good	79	2000	40	1005
18	SW	6	9	12	230	11	16	240	13	18	shra	14	15	15	12	good	86	2000	59	1004
21	SW	9	11	13	220	14	18	220	16	21	shra	14	14	14	12	good	87	2000	30	1003
Friday 04 September 2026																				
00	SW	11	13	17	220	17	22	230	19	24	dz	13	13	13	11	good	87	2000	35	1002
03	SSW	12	15	16	220	18	24	220	20	26	nsw	13	13	12	11	good	86	2000	54	1000
06	SSW	13	16	18	210	19	25	210	21	27	ra	13	13	12	10	good	84	2000	62	999
09	SSW	17	20	23	210	23	30	210	26	34	nsw	14	14	13	11	good	83	2000	64	997
12	SW	19	22	25	230	26	33	240	29	37	shra	15	14	14	11	good	78	2000	61	997



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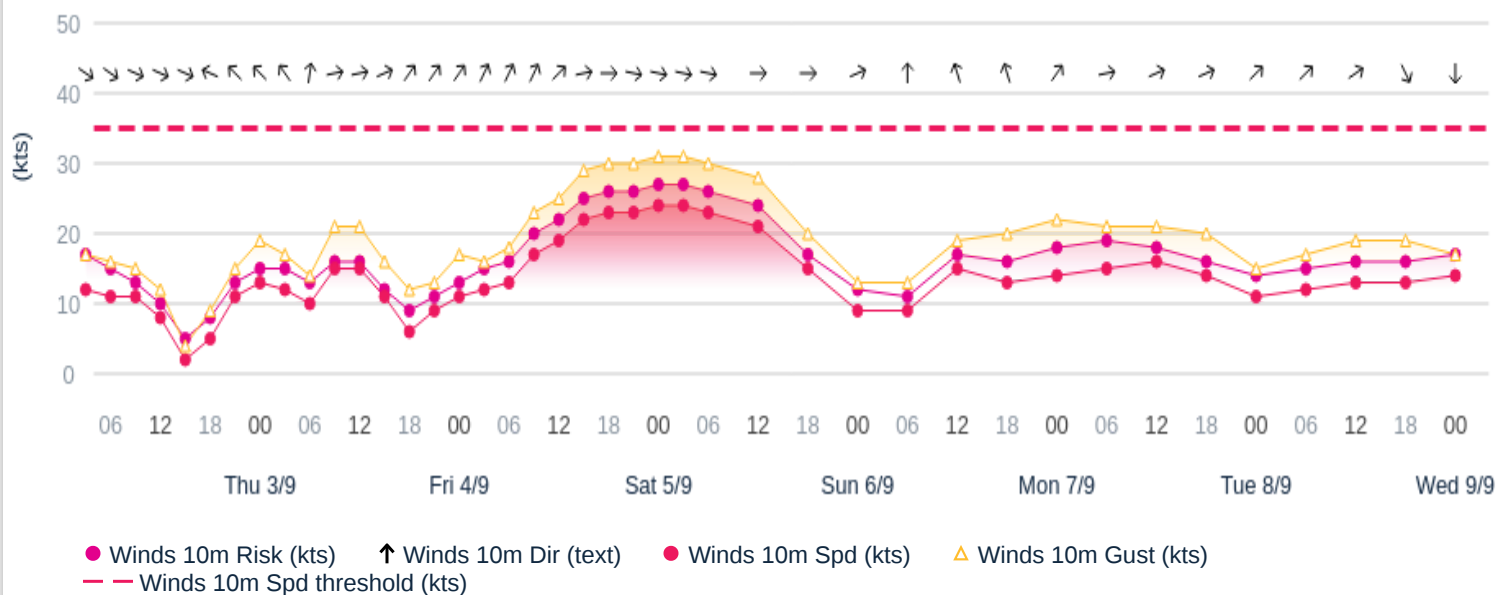
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
15	WSW	22	25	29	260	27	34	260	30	38	shra	14	14	14	11	good	81	1000	31	998
18	W	23	26	30	270	30	38	270	33	42	shra	13	13	13	11	good	83	3500	34	1000
21	W	23	26	30	280	33	42	280	37	47	shra	13	13	12	10	good	85	2000	34	1003
Saturday 05 September 2026																				
00	W	24	27	31	280	35	44	280	40	50	nsw	13	12	12	10	good	83	3500	33	1005
03	W	24	27	31	280	33	42	290	38	47	dz	13	12	12	10	good	82	nlc	36	1008
06	W	23	26	30	280	31	39	290	35	44	dz	12	12	11	9	good	81	nlc	39	1010
12	W	21	24	28	270	27	35	280	30	38	nsw	14	14	13	10	good	76	nlc	43	1014
18	W	15	17	20	270	20	26	280	22	29	nsw	14	13	13	10	good	81	3500	44	1017
Sunday 06 September 2026																				
00	WSW	9	12	13	250	15	20	260	18	23	dz	13	13	12	11	good	86	2000	70	1018
06	S	9	11	13	200	12	15	210	14	17	ra	13	12	12	10	good	87	nlc	74	1017
12	SSE	15	17	19	170	17	21	170	18	22	ra	14	13	13	11	mod	85	nlc	76	1013
18	SSE	13	16	20	170	17	23	170	18	24	ra	14	14	14	13	good	92	500	77	1007
Monday 07 September 2026																				
00	SW	14	18	22	220	23	30	220	27	34	ra	14	14	14	12	good	88	1000	73	1006
06	WSW	15	19	21	260	24	29	270	28	33	dz	13	13	12	10	good	85	2000	58	1007
12	WSW	16	18	21	260	23	27	270	26	30	dz	14	14	13	11	good	79	2000	68	1010
18	WSW	14	16	20	250	17	22	260	18	23	ra	13	13	13	10	good	79	3500	65	1010
Tuesday 08 September 2026																				
00	SW	11	14	15	220	17	20	210	19	22	dz	12	12	11	10	good	85	2000	56	1008
06	SW	12	15	17	230	19	23	220	21	26	ra	12	11	11	10	good	88	2000	69	1005
12	SW	13	16	19	230	17	22	220	18	23	ra	13	13	13	10	good	80	2000	60	1002
18	NW	13	16	19	250	13	19	180	13	19	ra	12	12	12	10	good	86	2000	46	999
Wednesday 09 September 2026																				
00	N	14	17	17	50	16	19	90	17	20	shra	12	12	11	9	good	84	3500	60	998

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

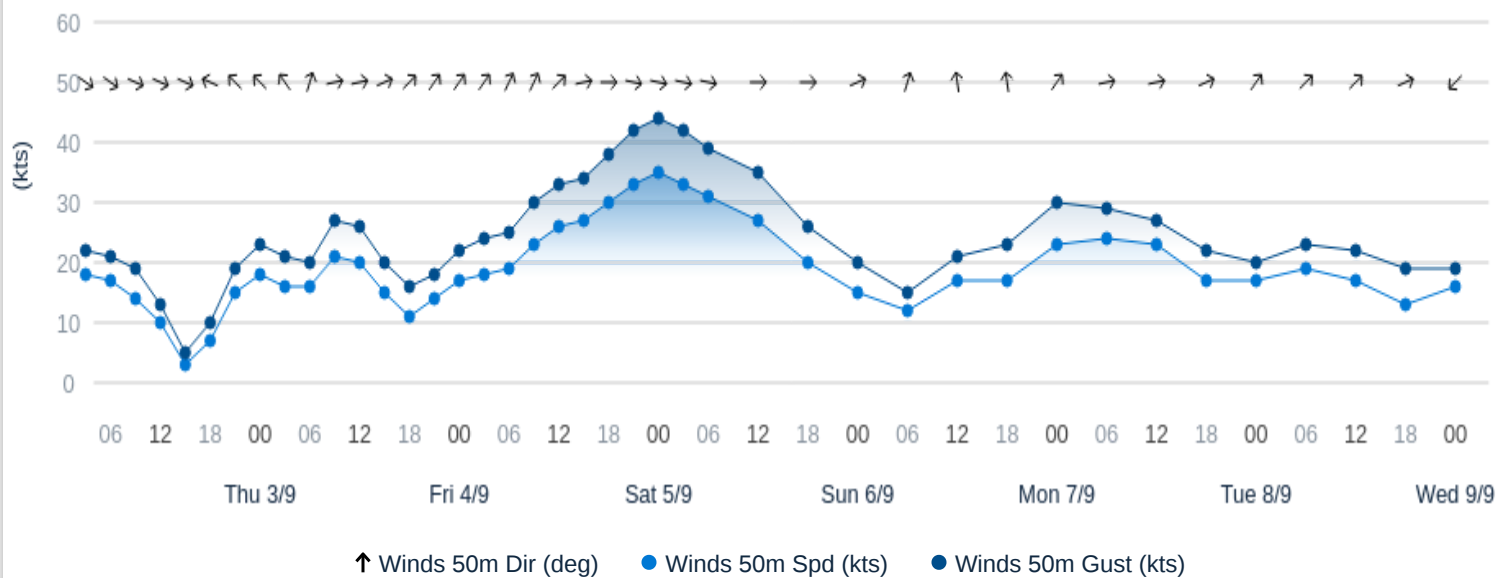
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10m Wind Graph - 7 Day Scapa Flow

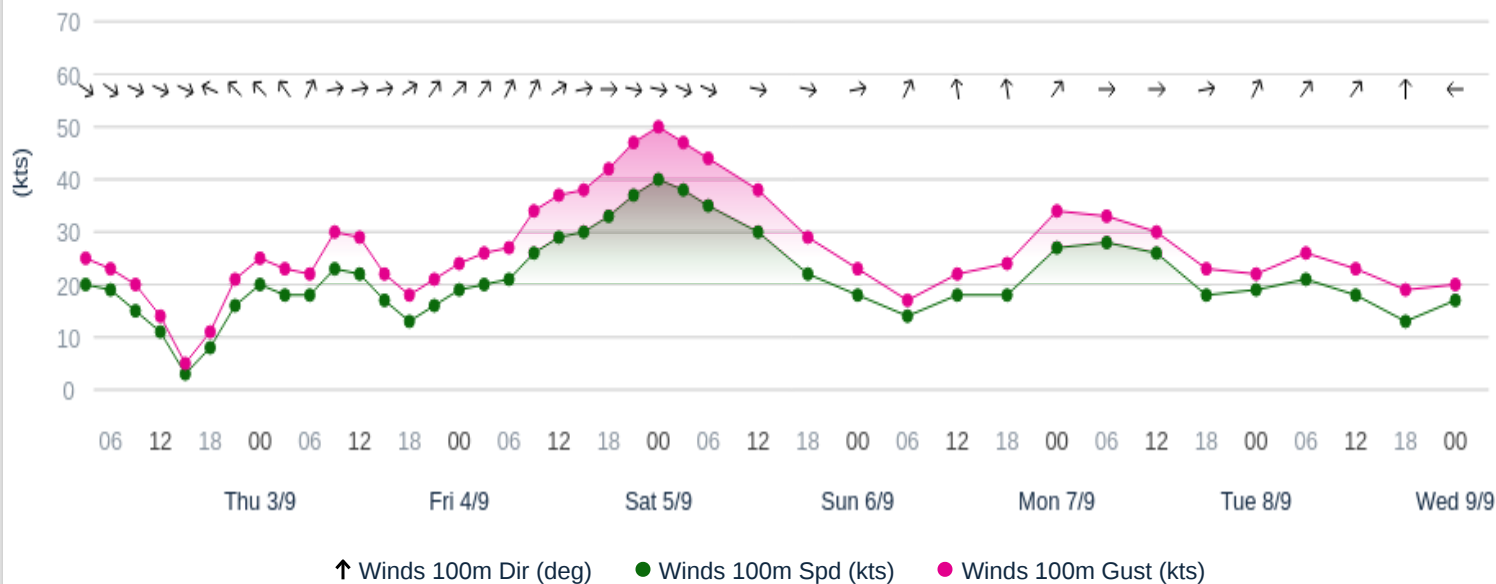


50m Wind Graph - 7 Day Scapa Flow

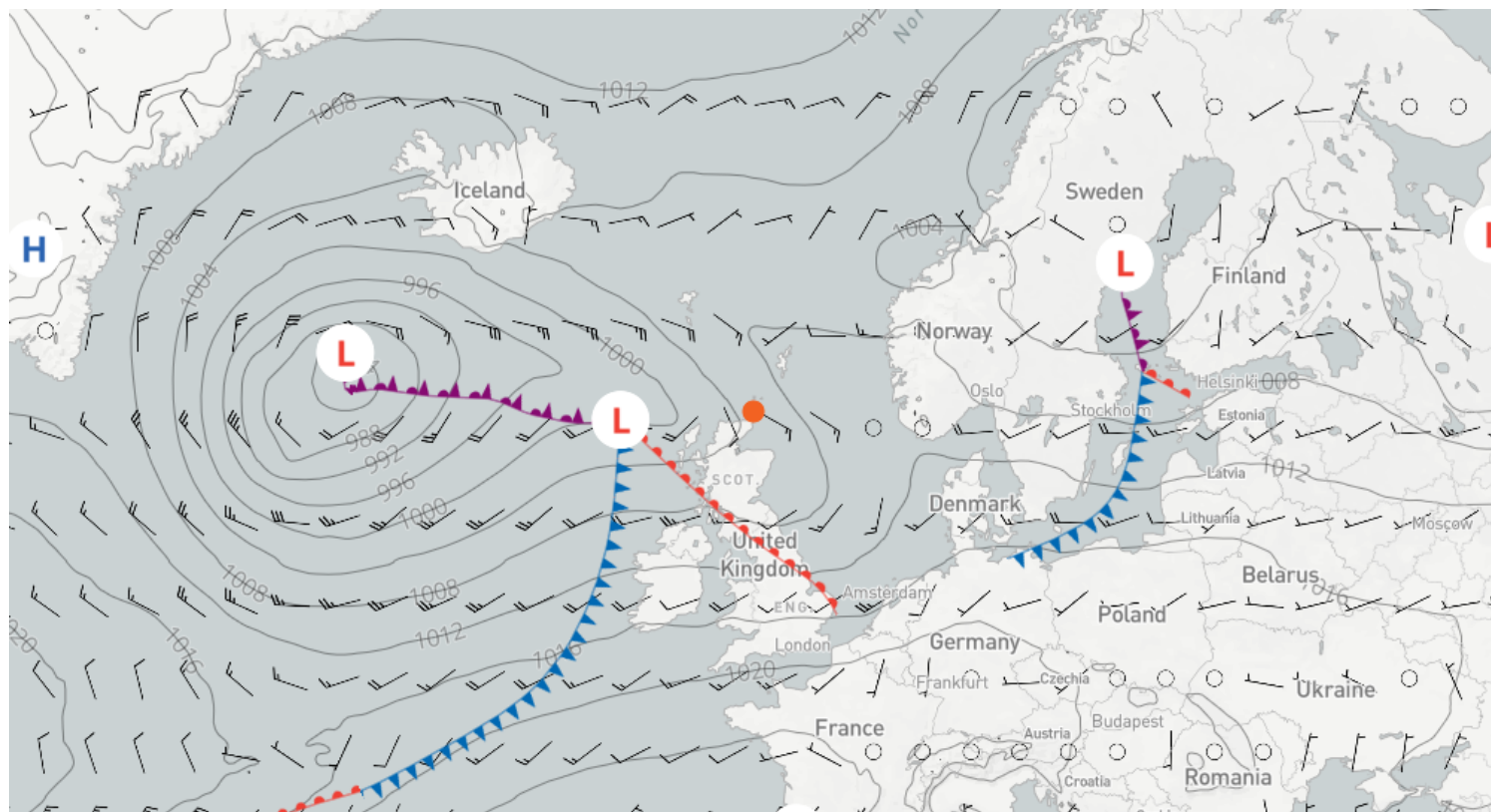


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100m Wind Graph - 7 Day Scapa Flow

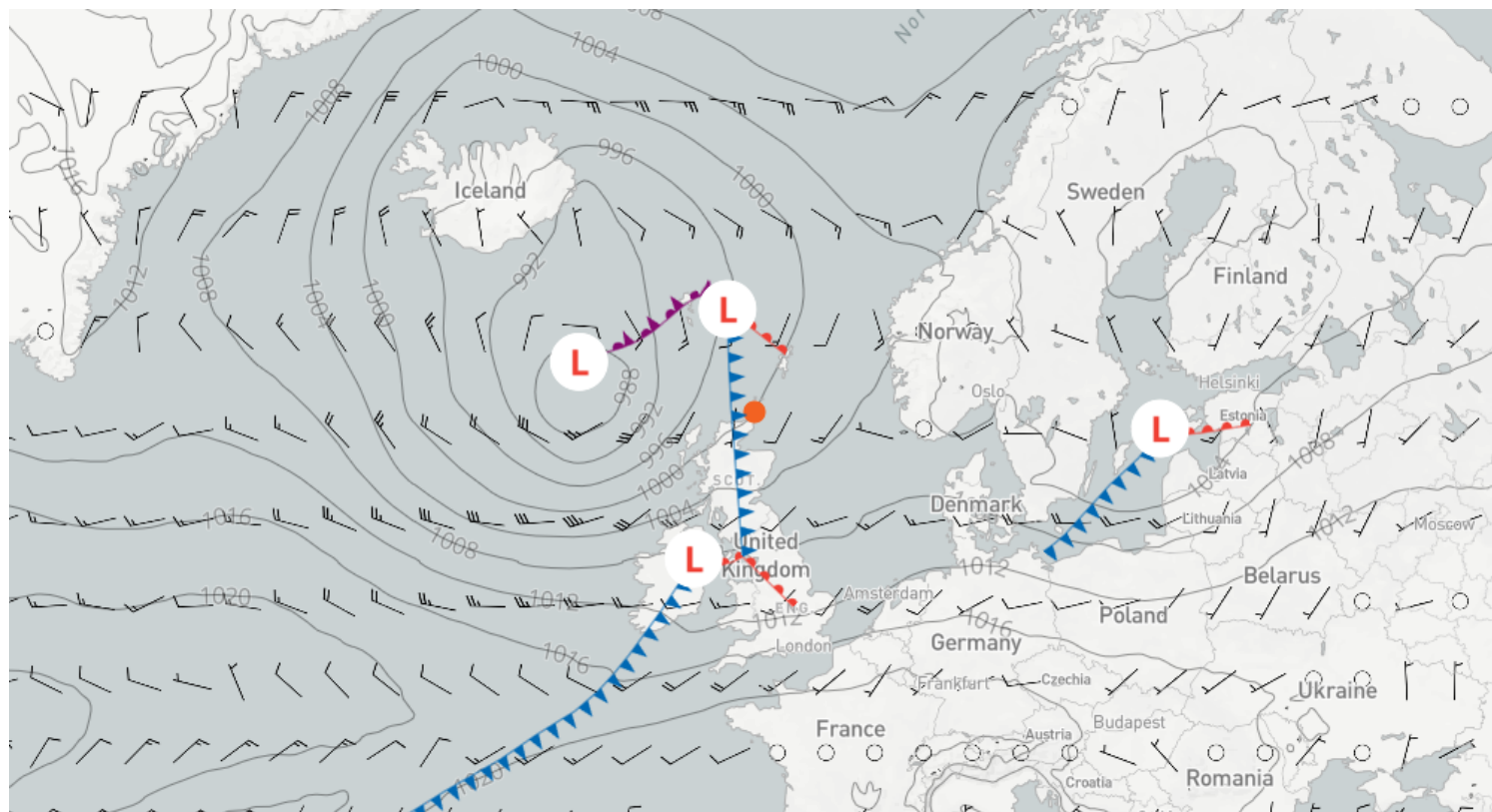


Issued on 02 September 2026, 00:00 UTC | Forecast for 03 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 02 September 2026, 04:01 UTC

Issued on 02 September 2026, 00:00 UTC | Forecast for 04 September 2026, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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