



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 01 September 2026, 04:01 UTC

Meteorological Situation

A complex low is located between Iceland and Scotland (1000hPa) and in the western Norwegian Sea (1001hPa). Meanwhile a main high is over the Azores (1026hPa) and has a secondary centre over Biscay (1023hPa). The latter has a ridge via England towards eastern Scotland. The ridge will move to the east during today while declining. The weather will be unsettled over Scapa Flow with rain, showers and later risk of thunder and lightning as well. Winds are mainly moderate. In the later afternoon a sort of col is expected over Scotland and the weather is then expected to improve rapidly. Wednesday is expected to have fair weather. In the late evening and night to Thursday another low is expected to approach. On Thursday first showers, later rain and the fresh increasing SW-lies. The low is expected to move between Scotland and Iceland on Friday while becoming a complex low. The weather will be unsettled. On Saturday a weak ridge is expected over Scotland but still some showers are expected. On Sunday and Into Monday winds from SW to W are expected to increase to fresh. Local conditions next 72 hrs: Wind: variable direction, moderate, increasing to fresh. 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 01 September 2026																				
03	SSW	10	13	14	200	15	19	200	17	21	nsw	13	12	12	10	good	85	200	70	1009
06	S	12	15	17	200	17	21	200	18	23	ra	13	13	12	11	good	87	3500	76	1007
09	S	15	18	21	190	20	27	200	23	29	shra	14	14	13	12	good	88	2000	75	1005
12	WSW	16	19	23	260	23	29	270	25	32	shra	14	14	14	12	good	85	3500	50	1005
15	WSW	18	20	26	270	23	31	270	25	33	dz	14	14	13	9	good	74	nlc	22	1007
18	WSW	16	19	24	260	23	30	260	26	33	nsw	13	13	12	9	good	76	3500	35	1008
21	W	14	17	19	290	19	25	300	21	26	dz	12	12	11	9	good	84	3500	51	1009
Wednesday 02 September 2026																				
00	WNW	13	17	18	300	18	23	300	20	25	nsw	11	11	10	8	good	79	2000	48	1011
03	WNW	12	17	16	300	17	21	300	19	24	dz	11	10	10	7	good	78	3500	44	1012
06	WNW	10	15	15	300	15	19	300	17	21	dz	11	10	9	6	good	73	3500	48	1013
09	WNW	10	13	14	300	13	17	300	14	19	nsw	11	11	10	5	good	66	3500	50	1013
12	WNW	8	10	12	290	10	14	290	11	15	nsw	12	11	11	5	good	63	3500	47	1013
15	WNW	4	5	6	300	4	6	290	5	7	nsw	12	11	11	5	good	62	3500	37	1012
18	E	4	7	7	100	6	8	100	6	8	nsw	11	11	11	5	good	64	nlc	46	1011
21	ESE	8	10	12	120	12	16	130	14	18	dz	11	11	11	6	good	71	nlc	61	1010
Thursday 03 September 2026																				
00	SE	11	12	14	130	16	20	130	18	22	ra	12	12	11	9	good	79	2000	76	1008
03	SE	10	12	13	140	14	18	140	16	20	ra	13	12	12	10	good	84	1000	78	1006
06	SSE	11	13	17	170	16	22	190	18	24	shra	13	13	13	11	md/gd	89	1000	74	1005
09	SSW	12	15	18	220	16	22	240	18	24	ra	14	14	14	13	md/gd	90	1000	74	1005
12	WSW	14	16	20	250	18	25	260	20	27	ra	15	15	14	12	good	83	2000	49	1006



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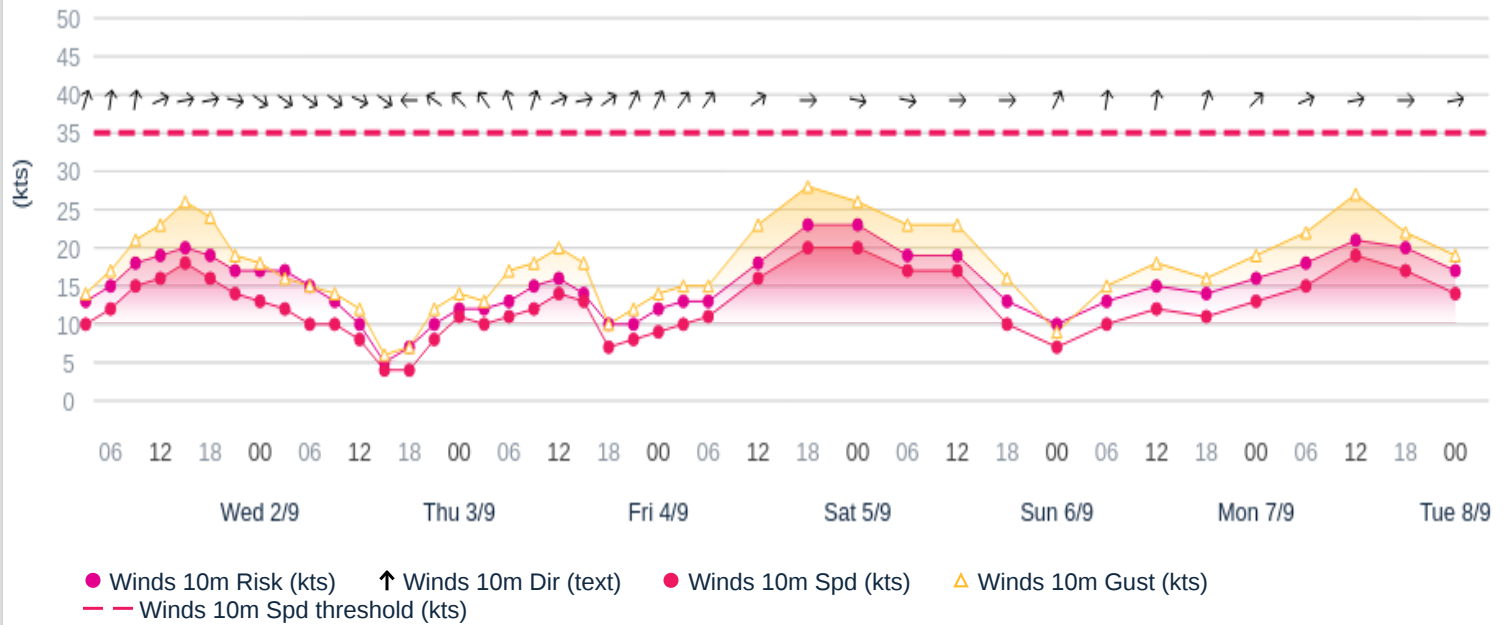
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
15	WSW	13	14	18	260	15	21	260	17	22	nsw	15	15	15	12	good	80	nlc	51	1006
18	SW	7	10	10	240	13	15	240	15	18	shra	15	15	15	12	good	85	nlc	64	1005
21	SSW	8	10	12	220	15	19	220	18	22	ra	14	14	14	12	md/gd	89	nlc	59	1004
Friday 04 September 2026																				
00	SSW	9	12	14	220	16	20	230	18	22	ra	13	13	13	11	good	88	2000	52	1002
03	SW	10	13	15	230	17	21	230	19	23	ra	13	13	13	11	good	87	2000	53	1001
06	SW	11	13	15	230	17	21	230	20	24	ra	13	13	12	10	good	85	2000	53	1000
12	SW	16	18	23	230	21	28	230	23	30	ra	14	14	14	11	good	80	2000	65	1000
18	W	20	23	28	270	25	33	280	27	35	shra	14	13	13	11	good	85	1000	38	1002
Saturday 05 September 2026																				
00	W	20	23	26	280	27	34	290	30	37	ra	13	12	12	10	good	85	3500	30	1008
06	W	17	19	23	290	22	28	290	24	30	shra	12	12	12	10	good	85	2000	55	1012
12	W	17	19	23	280	20	26	280	21	27	shra	14	14	13	9	good	72	3500	43	1016
18	W	10	13	16	270	12	17	270	13	18	dz	13	13	13	10	good	80	3500	53	1018
Sunday 06 September 2026																				
00	SSW	7	10	9	200	12	14	190	13	16	ra	12	12	12	10	good	87	3500	55	1017
06	S	10	13	15	190	18	22	200	22	26	ra	13	12	12	10	good	87	nlc	70	1013
12	S	12	15	18	200	17	23	210	19	25	ra	15	15	15	12	good	82	nlc	68	1012
18	SSW	11	14	16	210	18	23	220	21	26	ra	15	15	15	12	good	87	2000	46	1010
Monday 07 September 2026																				
00	SW	13	16	19	230	23	28	230	27	32	ra	14	14	14	12	good	86	2000	65	1008
06	WSW	15	18	22	250	21	27	250	23	30	ra	13	13	12	11	good	88	1000	63	1007
12	WSW	19	21	27	260	25	33	260	28	35	ra	14	13	13	10	good	78	3500	46	1009
18	W	17	20	22	270	23	29	270	26	32	ra	13	13	12	10	good	81	2000	42	1012
Tuesday 08 September 2026																				
00	WSW	14	17	19	260	20	24	270	23	27	ra	13	12	12	9	good	81	3500	60	1013

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

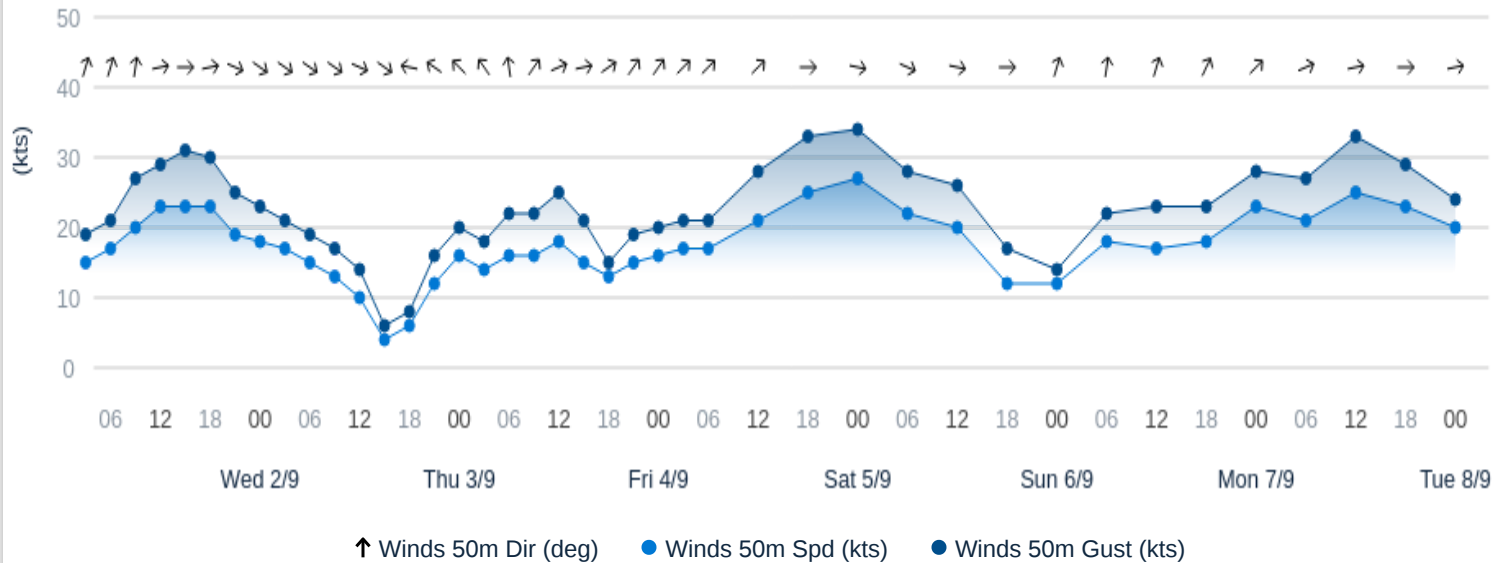
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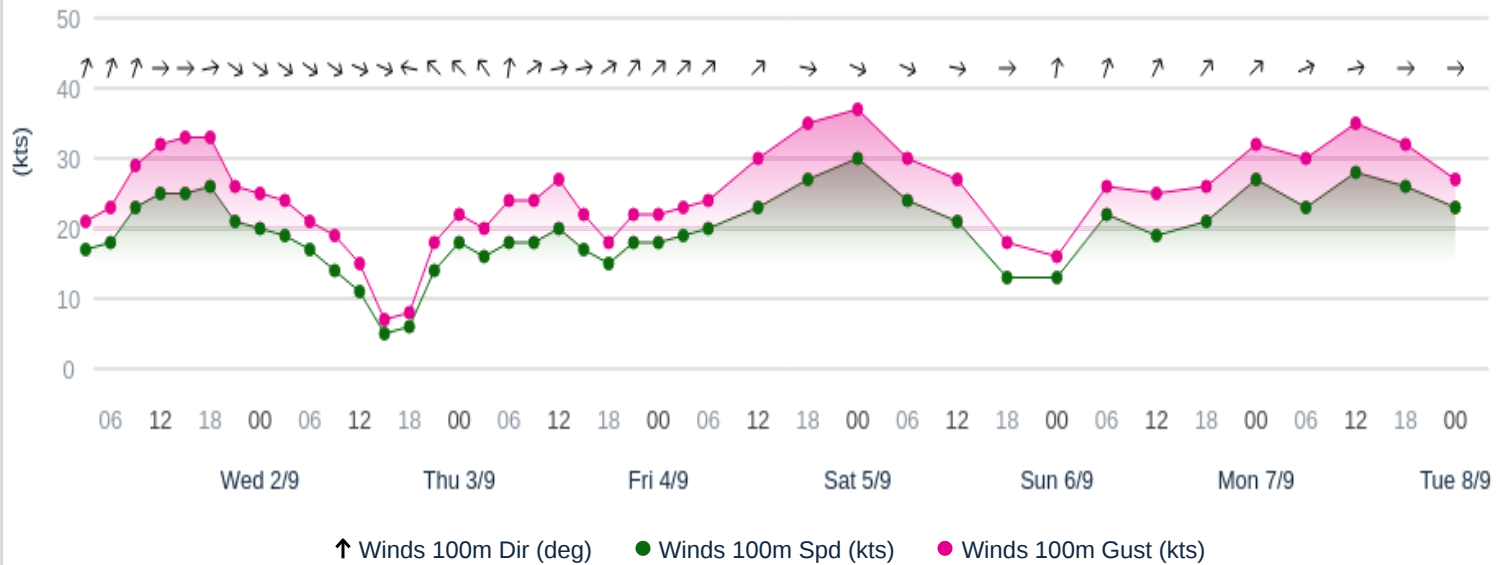
10m Wind Graph - 7 Day Scapa Flow



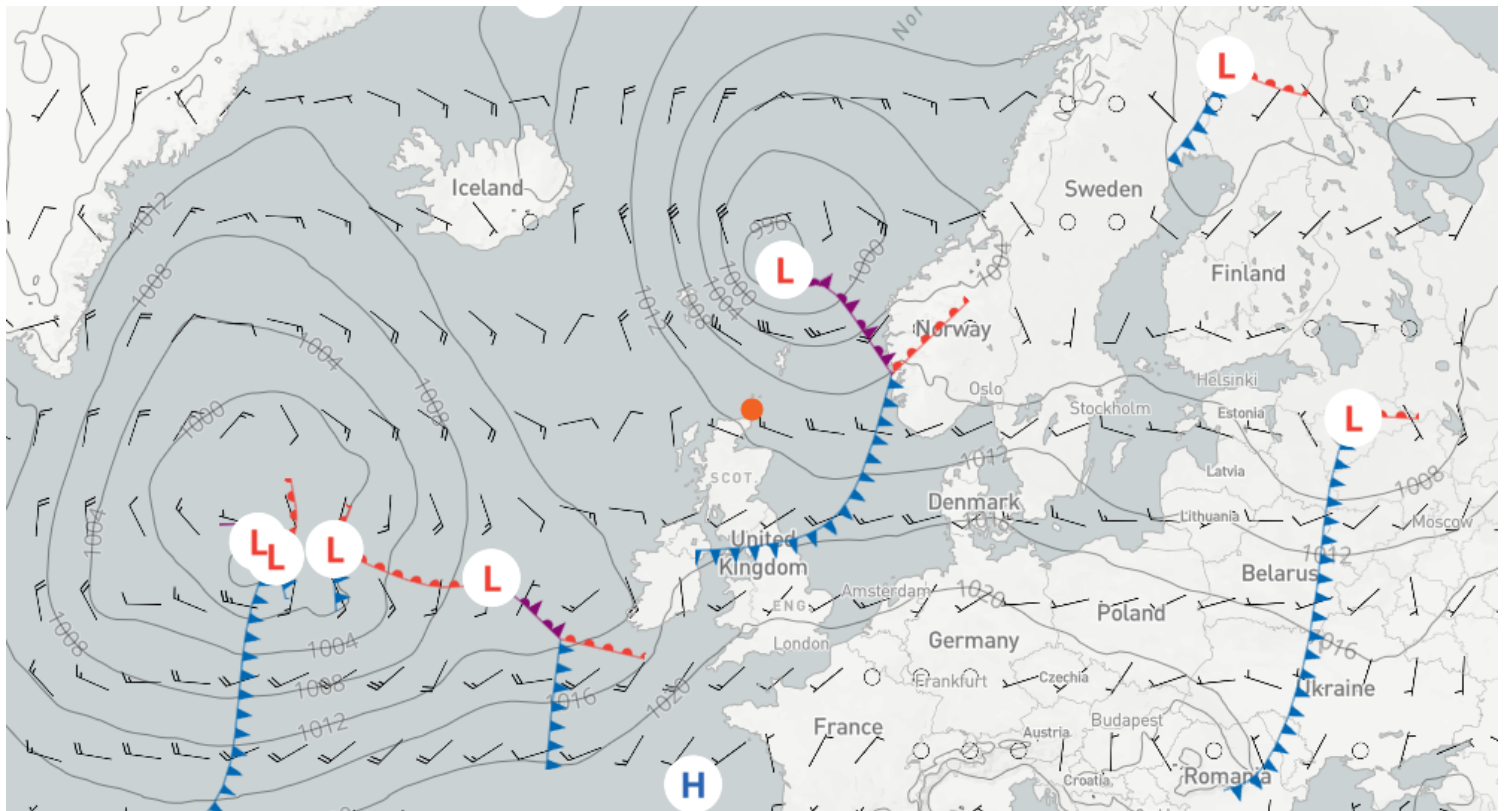
50m Wind Graph - 7 Day Scapa Flow



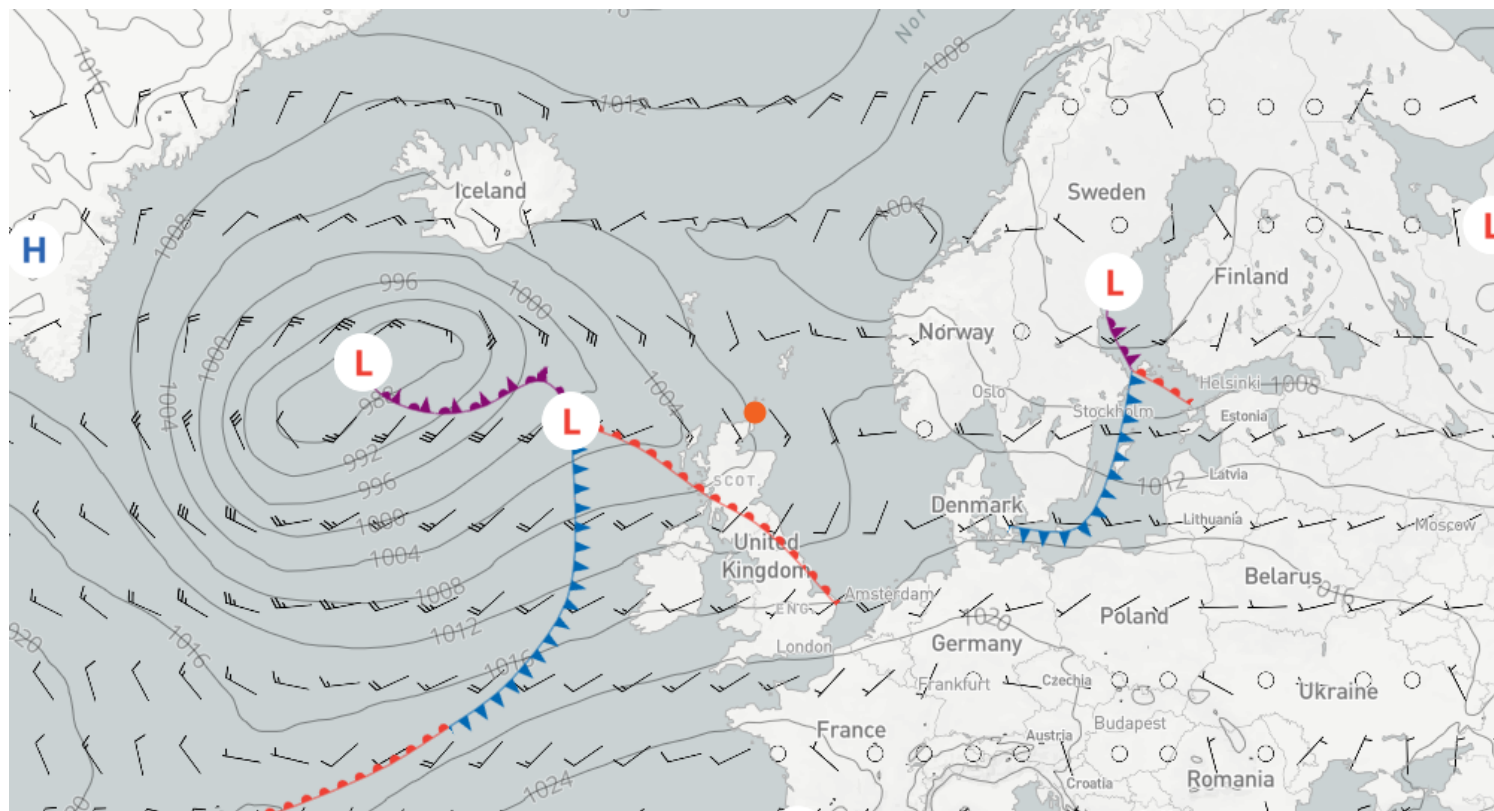
100m Wind Graph - 7 Day Scapa Flow



Issued on 01 September 2026, 00:00 UTC | Forecast for 02 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 01 September 2026, 04:01 UTC

Issued on 01 September 2026, 00:00 UTC | Forecast for 03 September 2026, 00:00 UTC (+48) | 10m Wind
Speed + Surface Pressure and Fronts

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