



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 03 September 2026, 04:01 UTC

Meteorological Situation

A large low over the Atlantic (982hPa) has a frontal trough via Scotland into the North Sea. This low is connected via the Norwegian Sea to a low over Sweden (999hPa) and one over Russia (999hPa). Meanwhile high pressure over the Azores (1023hPa) is connected via a ridge over France to a high over the Alps (1026hPa). Early morning the weather is very unsettled over Scapa Flow with a lot of rain. Early in the afternoon it is expected to become dry. Winds are mainly moderate form the SW. In the evening there could be a few showers. Friday is expected to be very unsettled with many showers, some heavy with risk of thunder. The centre of low pressure is expected to move just north of your area and so winds are also expected to increase to fresh or strong and veer once the centre has moved east. Saturday is expected to have reasonable weather conditions due to a crossing ridge over the entire UK. But early in the night to Sunday it is expected to start to rain as a new low is approaching while deepening. In the days after it is expected to remain very unsettled with many showers and periods with rain. Winds increase as well from time to time. Thursday is expected to become a much calmer day. Local conditions next 72 hrs: Wind: SW-ly, moderate, increasing to strong on 4 September 12 UTC (risk of near gale), and abating to light on 6 September. 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 (%)	
Thursday 03 September 2026																				
03	SSE	11	15	15	140	16	20	130	18	22	ra	13	13	13	13	md/gd	97	500	79	1002
06	SW	12	14	18	240	15	22	240	17	23	ra	14	14	14	13	good	94	1000	70	1002
09	WSW	17	19	25	260	23	30	260	25	33	dz	14	14	13	12	good	84	2000	47	1003
12	WSW	16	18	23	260	21	28	260	23	30	nsw	15	15	14	12	good	81	nlc	27	1004
15	WSW	11	13	16	250	15	20	250	17	22	nsw	15	15	15	11	good	77	nlc	25	1004
18	SSW	6	9	9	210	11	14	220	13	16	shra	14	14	14	12	good	84	3500	67	1002
21	SSW	9	11	14	210	15	19	220	17	21	ra	14	13	13	11	good	87	2000	57	1001
Friday 04 September 2026																				
00	SSW	11	12	16	220	16	21	220	19	24	nsw	13	13	13	11	good	86	nlc	44	999
03	SSW	12	14	17	210	17	22	210	19	24	nsw	13	13	12	11	good	85	3500	59	997
06	SSW	15	17	21	200	20	26	200	23	28	nsw	13	13	12	11	good	85	3500	65	995
09	SSW	17	19	25	210	23	30	220	26	33	ra	14	13	13	11	good	84	2000	61	994
12	SW	22	24	31	240	30	39	240	33	42	shra	14	14	13	10	good	78	2000	65	993
15	WSW	27	30	38	260	35	46	270	38	50	ra	14	13	13	10	good	80	2000	60	995
18	W	27	30	34	280	37	47	280	41	52	ra	13	13	13	10	good	81	1000	54	998
21	W	26	29	33	280	35	44	290	39	49	ra	13	13	12	10	good	82	3500	39	1002
Saturday 05 September 2026																				
00	W	23	26	31	290	31	40	290	35	43	dz	13	12	12	10	good	82	3500	32	1005
03	WNW	22	25	30	290	29	38	290	33	41	dz	13	12	12	9	good	81	2000	30	1007
06	WNW	20	23	27	290	27	35	290	30	38	dz	13	12	12	9	good	80	nlc	29	1010
09	WNW	19	21	27	290	24	32	290	26	34	nsw	13	13	12	9	good	77	3500	35	1013

Single Location Forecast - 7 Day

Scapa Flow (58°53'N 003°02'W)

Scapa Flow

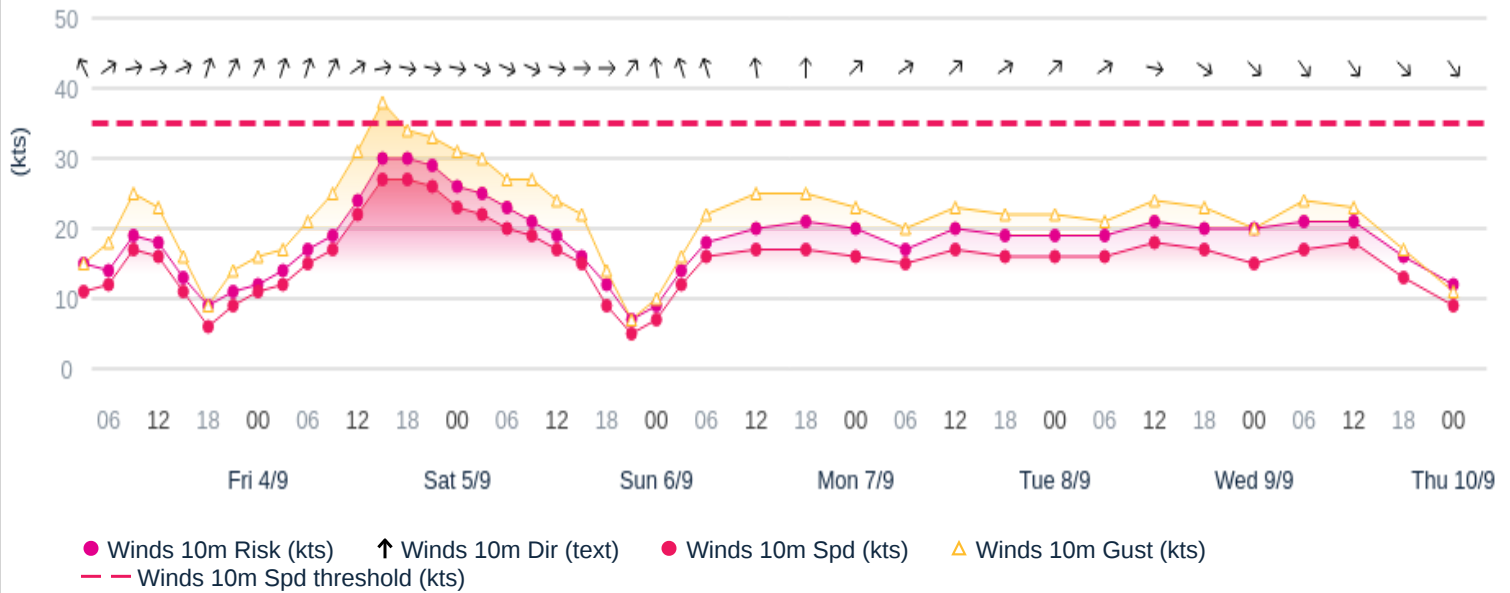
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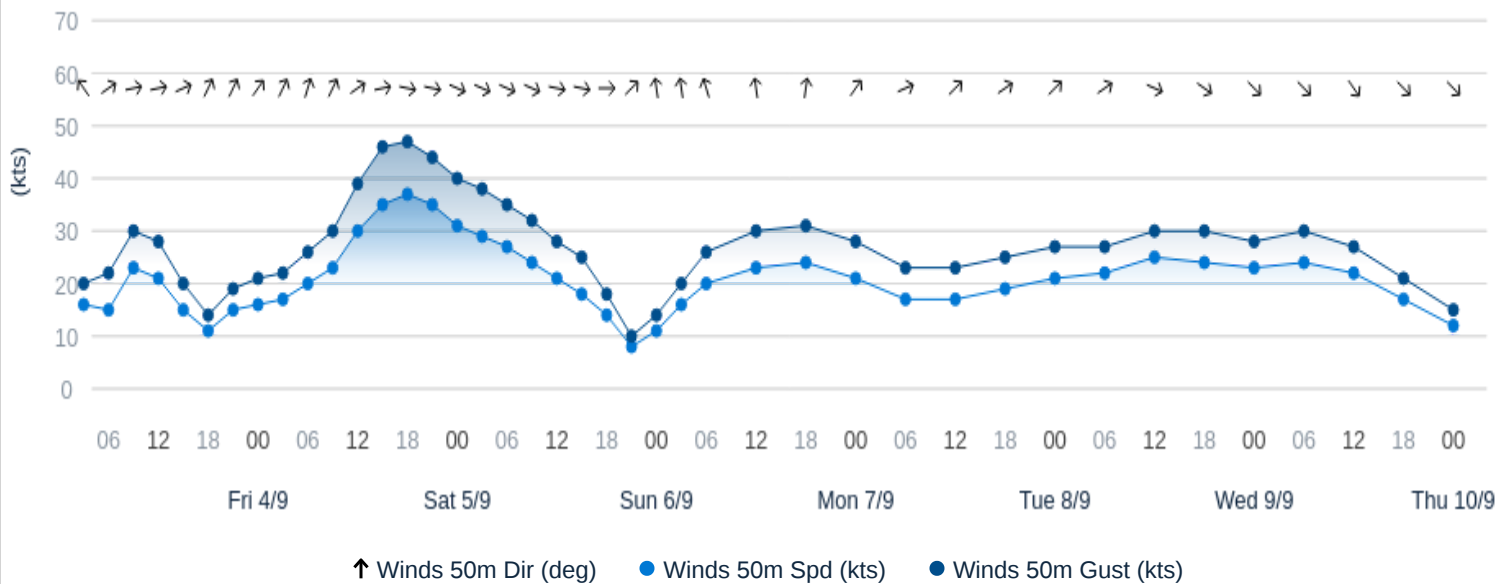
Issued on 03 September 2026, 04:01 UTC

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 (%)	
12	W	17	19	24	280	21	28	290	23	30	dz	14	14	13	9	good	73	3500	45	1016
15	W	15	16	22	280	18	25	280	19	26	dz	14	14	13	10	good	76	3500	58	1017
18	W	9	12	14	270	14	18	270	16	20	dz	14	13	13	10	good	81	3500	68	1018
21	SW	5	7	7	230	8	10	240	10	12	nsw	13	13	13	11	good	85	nlc	74	1019
Sunday 06 September 2026																				
00	SSE	7	9	10	170	11	14	170	13	16	ra	13	13	13	11	good	86	nlc	76	1018
03	SSE	12	14	16	170	16	20	170	18	22	ra	13	13	12	11	good	89	3500	78	1015
06	SSE	16	18	22	160	20	26	160	23	28	ra	13	13	12	12	mod	92	1000	79	1012
12	SSE	17	20	25	170	23	30	180	25	32	ra	15	15	15	13	good	88	1000	76	1008
18	S	17	21	25	190	24	31	190	26	34	ra	16	17	17	14	good	87	1000	70	1004
Monday 07 September 2026																				
00	SW	16	20	23	220	21	28	210	23	30	dz	14	15	15	12	good	84	3500	67	1005
06	SW	15	17	20	250	17	23	260	19	23	ra	13	13	13	11	good	84	nlc	62	1005
12	SW	17	20	23	230	17	23	240	17	23	nsw	14	14	14	10	good	73	3500	45	1004
18	SW	16	19	22	240	19	25	250	20	26	ra	13	13	12	10	good	80	1000	61	1002
Tuesday 08 September 2026																				
00	SW	16	19	22	230	21	27	230	23	30	ra	12	11	11	9	good	84	1000	43	1000
06	SW	16	19	21	240	22	27	240	25	30	ra	11	11	10	9	good	85	1000	64	998
12	W	18	21	24	290	25	30	290	27	33	ra	13	12	12	9	md/gd	81	1000	74	997
18	WNW	17	20	23	300	24	30	300	27	33	ra	12	12	11	9	good	82	1000	62	1001
Wednesday 09 September 2026																				
00	NW	15	20	20	310	23	28	310	26	31	ra	12	11	11	9	good	84	1000	62	1003
06	NW	17	21	24	310	24	30	310	27	33	ra	12	11	11	9	good	82	3500	58	1005
12	NW	18	21	23	320	22	27	310	24	28	ra	13	13	12	9	good	78	2000	59	1006
18	NW	13	16	17	310	17	21	310	18	22	dz	12	12	11	9	good	81	1000	45	1007
Thursday 10 September 2026																				
00	NW	9	12	11	310	12	15	310	13	16	dz	12	11	11	9	good	84	2000	49	1007

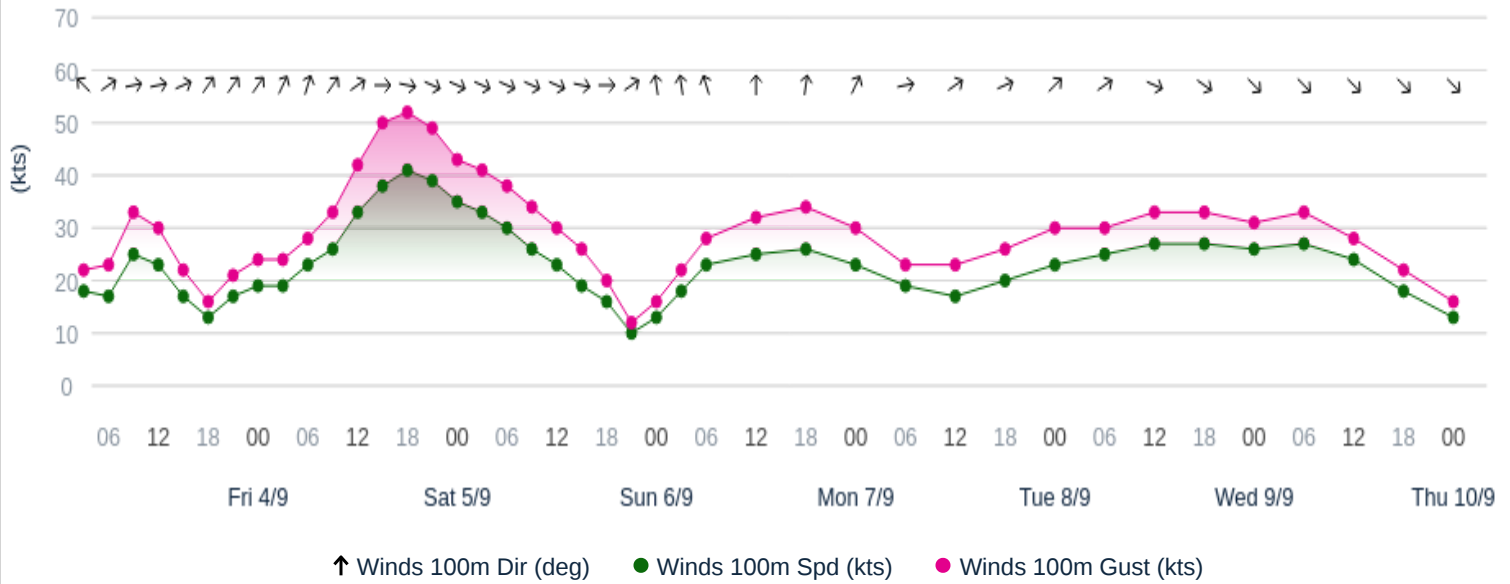
10m Wind Graph - 7 Day Scapa Flow



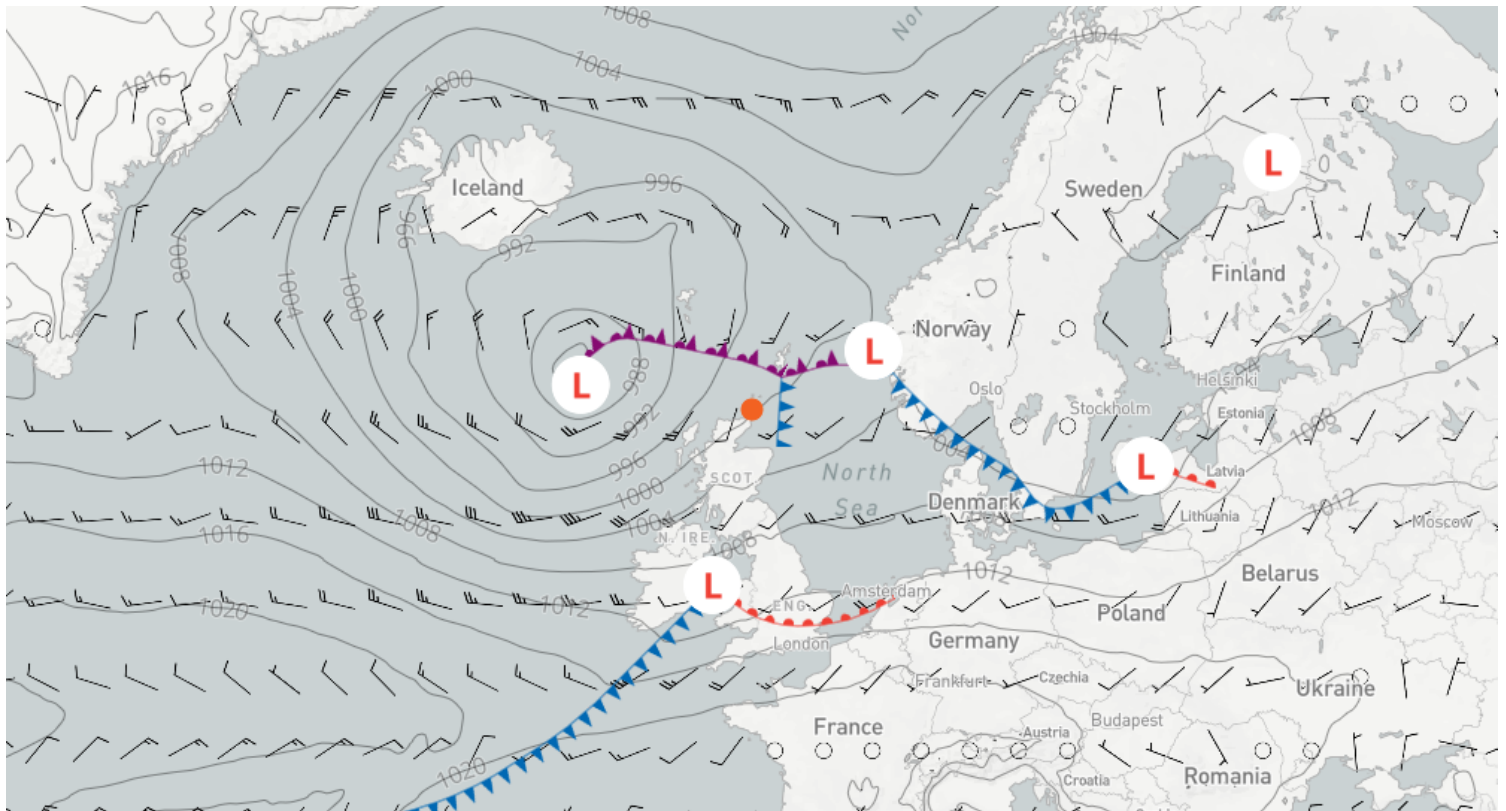
50m Wind Graph - 7 Day Scapa Flow



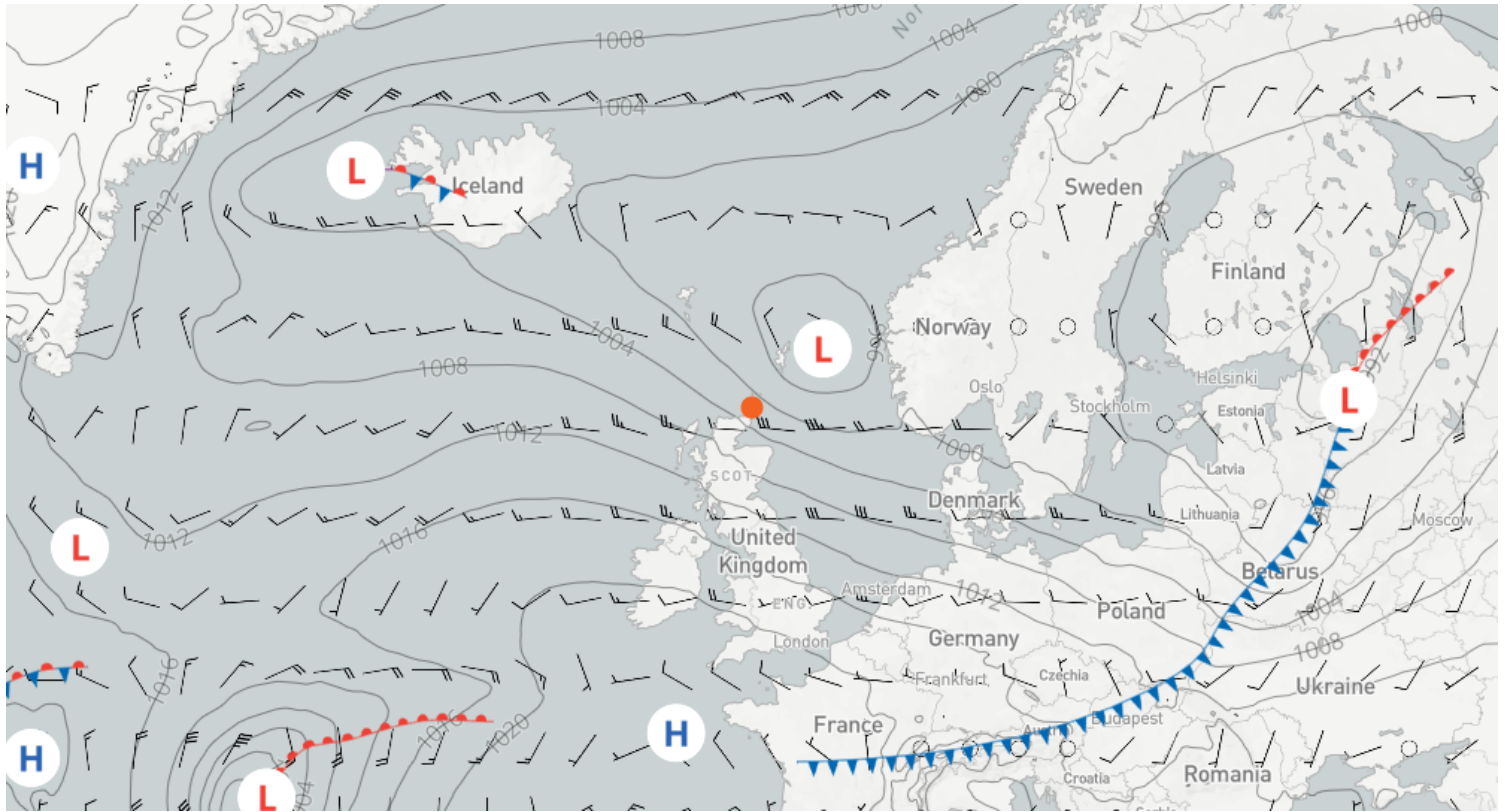
100m Wind Graph - 7 Day Scapa Flow



Issued on 03 September 2026, 00:00 UTC | Forecast for 04 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 03 September 2026, 04:01 UTC

Issued on 03 September 2026, 00:00 UTC | Forecast for 05 September 2026, 00:00 UTC (+48) | 10m Wind
Speed + Surface Pressure and Fronts

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