



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 28 August 2026, 04:01 UTC

Meteorological Situation

A large high (1028hPa) is located over eastern Scandinavia, Finland, the eastern Baltic, eastern Europe and Russia. Meanwhile a low (1003hPa) is over the UK and the North Sea and is connected to another low (1003-1004hPa) over the Atlantic, forming a complex low. Associated fronts are lingering over Ireland, the UK, western Europe and the North Sea. The weather will be unsettled today over Scapa Flow with rain and shower, while winds are expected to be moderate. This low is expected to move northeast away but a new one is expected to arrive on Saturday and on Monday evening another low is expected just north of Scotland. On Wednesday there is some calmer and dry weather expected due to a mobile ridge, but in the evening a new low from the Atlantic is already expected to approach Scotland with more unsettled weather over Scapa Flow. Winds are mainly moderate and increase at times to just fresh. Local conditions next 72 hrs: Wind: ENE-ly, backing, light, increasing to moderate. Sea temperature: 14-15C.

Warnings (next 24 Hours)

Gale

● Nil

Wind Shear

● Nil

Lightning Risk

● Low

Confidence

● Low

Criteria Levels

Winds 10m Spd

35 kts

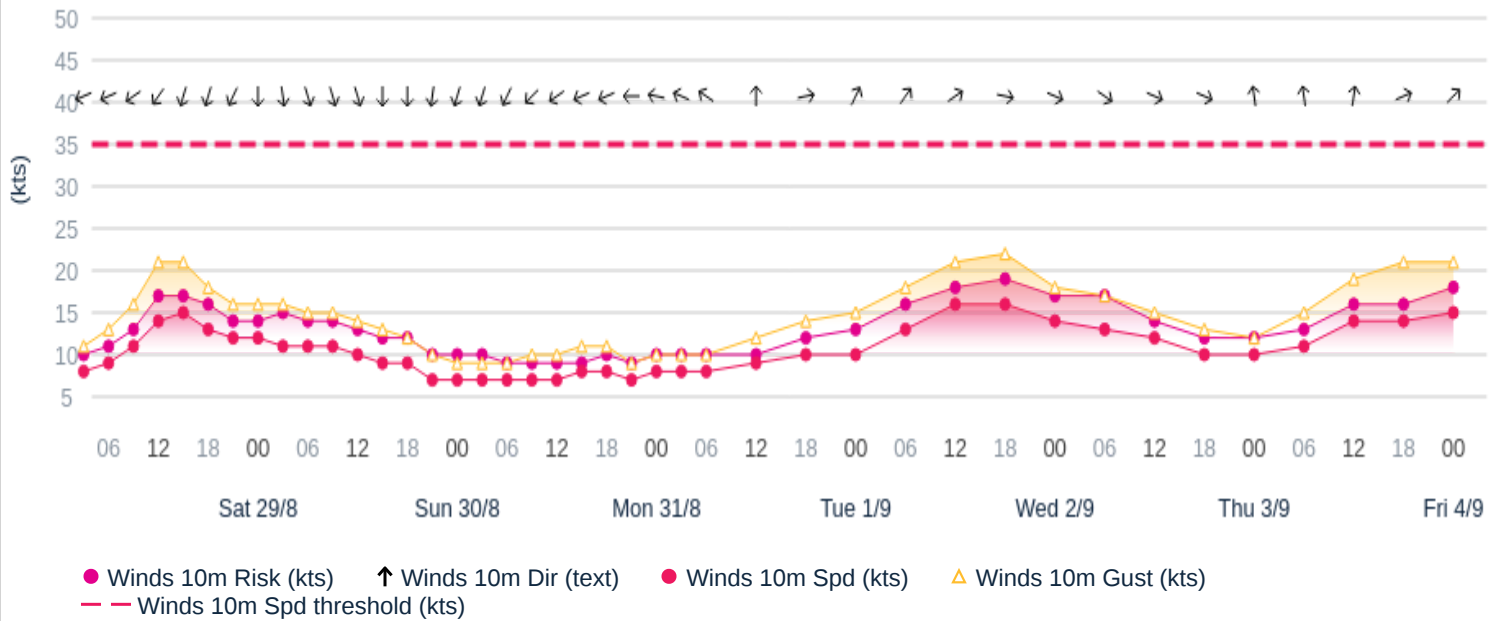
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
Friday 28 August 2026																				
03	ENE	8	10	11	80	13	16	90	15	19	nsw	14	14	14	13	md/gd	94	3500	76	1009
06	ENE	9	11	13	80	15	18	80	17	21	shra	14	14	14	13	md/gd	94	2000	78	1007
09	ENE	11	13	16	60	15	20	60	17	22	ra	15	15	14	14	md/gd	92	1000	78	1005
12	NE	14	17	21	40	19	26	50	22	28	ra	15	14	14	13	good	91	1000	79	1004
15	NNE	15	17	21	20	20	25	20	21	27	ra	14	14	14	13	good	92	1000	79	1001
18	NNE	13	16	18	30	19	24	40	22	27	ra	14	14	13	13	md/gd	95	500	79	1000
21	NNE	12	14	16	30	19	23	30	21	26	ra	14	13	13	13	md/gd	96	1000	79	1000
Saturday 29 August 2026																				
00	N	12	14	16	10	18	23	20	21	25	ra	13	13	13	13	good	94	2000	79	1000
03	N	11	15	16	350	17	21	0	19	23	ra	13	13	12	12	md/gd	95	3500	78	1000
06	NNW	11	14	15	350	16	20	350	18	22	nsw	13	13	13	12	good	94	1000	70	1001
09	NNW	11	14	15	340	15	19	350	16	20	nsw	14	14	13	12	good	90	1000	64	1002
12	NNW	10	13	14	350	15	18	350	17	20	dz	15	14	14	12	good	86	3500	72	1003
15	N	9	12	13	0	14	18	0	16	20	nsw	14	14	13	12	good	87	1000	72	1003
18	N	9	12	12	0	14	17	0	16	19	nsw	13	13	13	11	good	87	1000	78	1004
21	N	7	10	10	10	13	15	10	15	17	ra	13	12	12	11	good	90	1000	78	1005
Sunday 30 August 2026																				
00	NNE	7	10	9	10	12	14	10	14	16	ra	13	12	12	11	good	89	1000	78	1005
03	NNE	7	10	9	20	11	14	10	13	16	ra	12	12	11	10	good	88	1000	79	1005
06	NNE	7	9	9	20	11	13	20	13	15	ra	12	12	11	10	good	87	1000	78	1005
09	NE	7	9	10	40	9	12	20	10	13	ra	13	13	12	10	good	83	2000	78	1006
12	ENE	7	9	10	50	8	10	30	9	11	ra	13	13	12	10	good	82	2000	78	1006

Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir	Spd	Risk	Gust	Dir	Spd	Gust	Dir	Spd	Gust	(text)	T10	T50	T100	Td10	Vis10	RH	Base	Frac	(hPa)
	(text)	(kts)	(kts)	(kts)	(deg)	(kts)	(kts)	(deg)	(kts)	(kts)		(°C)	(°C)	(°C)	(°C)	(text)	(%)	(ft)	(%)	
15	ENE	8	9	11	50	9	11	40	9	11	nsw	13	13	12	10	good	83	2000	73	1006
18	ENE	8	10	11	60	8	11	50	9	11	nsw	13	12	12	10	good	83	2000	70	1006
21	E	7	9	9	80	8	10	80	8	10	dz	13	12	12	10	good	86	2000	70	1006
Monday 31 August 2026																				
00	E	8	10	10	100	9	11	90	9	11	dz	13	12	12	11	good	87	1000	73	1005
03	ESE	8	10	10	110	9	11	110	10	12	nsw	13	12	12	11	good	88	1000	75	1005
06	ESE	8	10	10	120	9	11	130	10	12	nsw	13	13	12	11	good	88	1000	76	1004
12	S	9	10	12	180	11	14	190	12	15	ra	14	14	13	12	good	86	1000	77	1005
18	WSW	10	12	14	260	14	18	270	16	20	ra	14	13	13	11	good	84	nlc	56	1006
Tuesday 01 September 2026																				
00	SSW	10	13	15	210	15	19	200	17	21	ra	13	12	12	10	good	84	2000	52	1005
06	SW	13	16	18	230	17	22	250	19	23	ra	12	12	11	9	good	81	2000	46	1004
12	SW	16	18	21	250	21	26	260	23	29	ra	14	13	13	8	good	69	3500	45	1006
18	W	16	19	22	280	23	28	280	26	31	ra	13	12	12	9	good	80	2000	43	1006
Wednesday 02 September 2026																				
00	WNW	14	17	18	290	23	27	280	26	30	shra	12	12	11	9	good	83	1000	55	1009
06	WNW	13	17	17	300	21	25	290	25	28	ra	12	11	10	8	good	81	1000	57	1010
12	WNW	12	14	15	290	16	19	280	18	21	dz	13	13	12	8	good	70	nlc	61	1013
18	WNW	10	12	13	270	13	16	260	15	17	ra	13	12	11	9	good	78	nlc	59	1013
Thursday 03 September 2026																				
00	SSE	10	12	12	170	17	19	170	20	22	ra	12	12	11	10	good	87	1000	61	1010
06	SSE	11	13	15	190	17	21	210	20	23	shra	13	12	12	11	good	88	nlc	59	1008
12	S	14	16	19	200	19	25	210	22	27	ra	14	14	14	12	good	87	1000	72	1005
18	WSW	14	16	21	250	19	26	250	21	28	shra	14	14	14	12	good	86	1000	73	1002
Friday 04 September 2026																				
00	SW	15	18	21	220	22	28	220	25	31	nsw	13	13	13	11	good	87	3500	41	1000

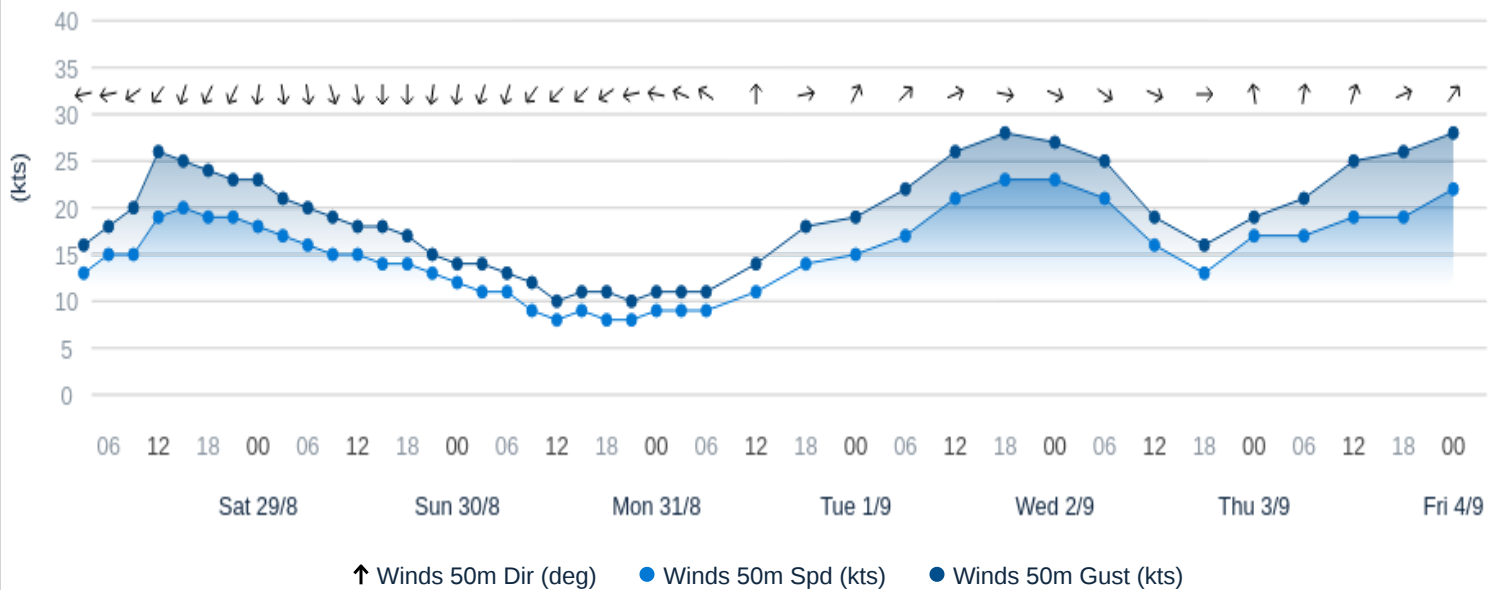
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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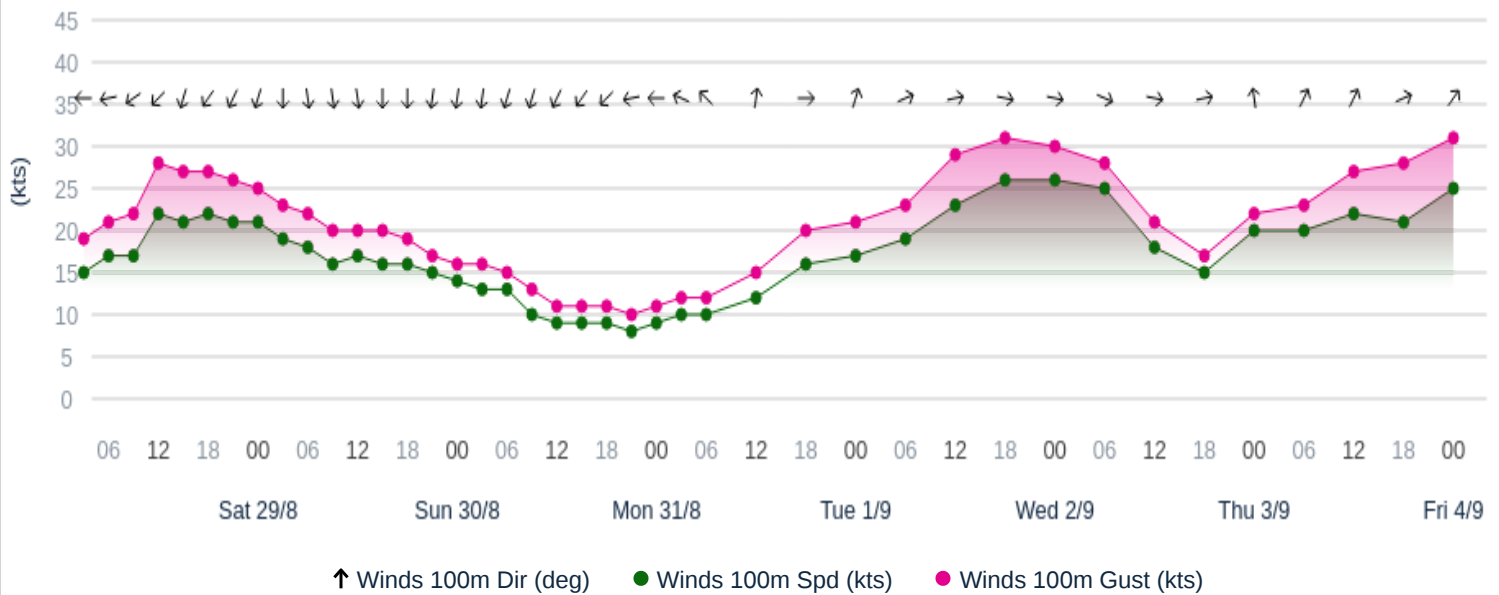
10m Wind Graph - 7 Day Scapa Flow



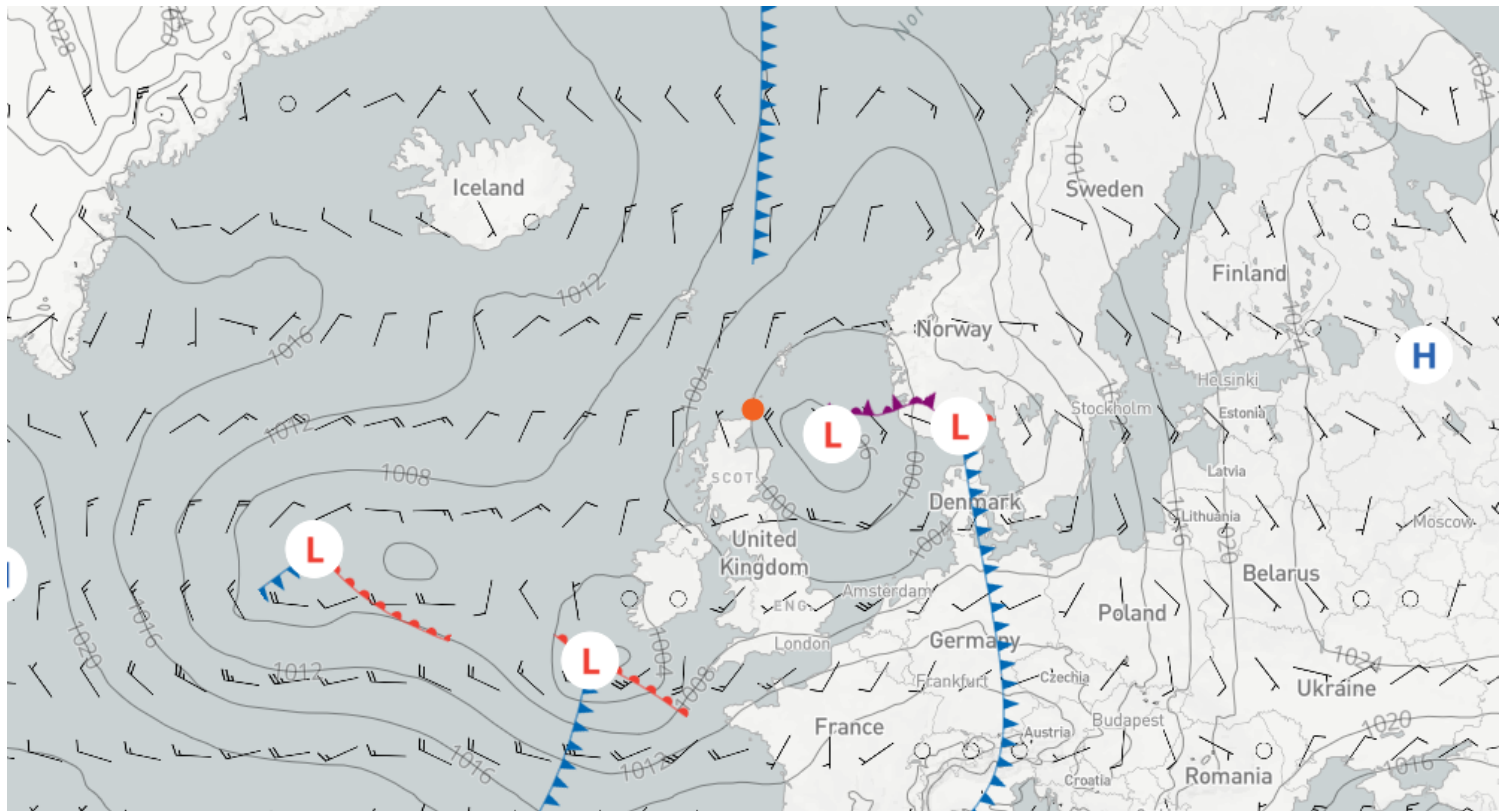
50m Wind Graph - 7 Day Scapa Flow



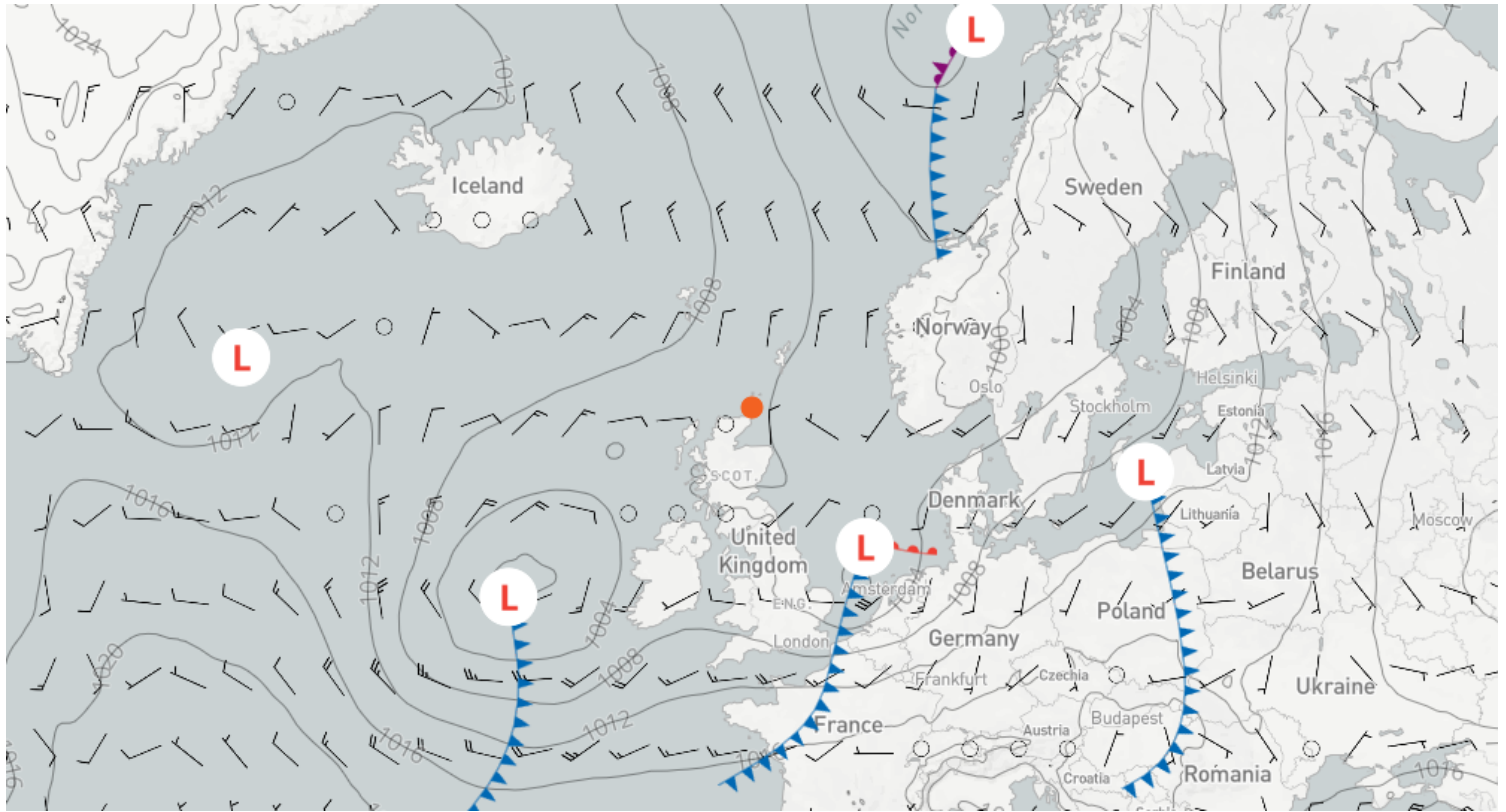
100m Wind Graph - 7 Day Scapa Flow



Issued on 28 August 2026, 00:00 UTC | Forecast for 29 August 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 28 August 2026, 04:01 UTC

Issued on 28 August 2026, 00:00 UTC | Forecast for 30 August 2026, 00:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts

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