



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 20 September 2026, 14:01 UTC

Meteorological Situation

Complex Low over the Norwegian Sea and Scandinavia is pushing a trough southward while over Biscay a High builds a ridge northward. The interaction between the pressure systems is creating a strong pressure gradient across the UK and North Sea with strong NW-ly winds, risk for near gale, today. The Complex Low will move E/NE while the High slowly moves east towards central Europe, and conditions will improve as the pressure field weakens from this evening. The ridge will move away, and deep Atlantic Low will move NE-wards, via the Greenland Sea, while pushing a trough over the Northern Isles. On Wednesday, a High will move from the Atlantic towards the British Isles while extending a ridge northward. Winds are expected to remain light to moderate until Wednesday. Periods of rain should be expected to Monday and Tuesday associated with the passage of a frontal system and scattered light showers on Wednesday. Local conditions next 72 hrs: Wind: WNW-ly, backing to SW, fresh, increasing to strong breeze (risk of near gale). 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	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)
Sunday 20 September 2026																				
12	WNW	19	26	25	290	26	33	290	29	37	ra	13	12	12	9	good	78	2000	52	1015
15	WNW	23	30	30	290	30	39	290	33	42	nsw	13	13	12	9	good	78	3500	39	1018
18	WNW	19	25	26	290	25	33	290	29	36	dz	12	12	11	9	good	82	2000	59	1022
21	WNW	14	20	18	290	20	25	290	23	28	dz	12	12	11	9	good	80	2000	63	1024
Monday 21 September 2026																				
00	WNW	10	14	14	290	15	19	290	17	21	nsw	12	12	11	8	good	75	3500	74	1026
03	WSW	5	8	7	260	8	11	260	10	12	nsw	12	12	11	8	good	77	3500	74	1026
06	S	5	7	7	200	8	10	200	8	11	nsw	12	11	11	9	good	83	nlc	78	1026
09	S	11	13	15	180	15	20	180	17	21	nsw	12	12	11	10	good	86	3500	79	1025
12	SSE	12	16	17	180	17	21	180	19	23	dz	13	13	12	11	good	88	2000	78	1024
15	SSW	7	11	10	210	11	14	220	13	15	nsw	15	15	15	13	good	90	500	77	1024
18	SW	5	11	7	230	9	11	230	11	13	nsw	15	15	16	14	good	93	1000	47	1024
21	SW	5	9	7	220	9	11	230	10	12	nsw	15	15	16	13	good	92	1000	50	1024
Tuesday 22 September 2026																				
00	SSW	8	10	11	210	15	18	210	17	21	nsw	14	15	16	13	good	91	2000	53	1024
03	SSW	10	12	14	200	16	20	210	19	23	nsw	14	15	15	13	good	90	500	47	1023
06	S	10	12	14	200	16	20	210	18	23	nsw	14	15	15	13	good	90	3500	64	1022
09	SSW	10	12	14	230	15	19	240	17	21	nsw	15	15	15	13	good	91	1000	75	1023
12	W	10	12	15	270	15	19	260	17	21	dz	14	14	14	12	good	86	3500	60	1024
15	WNW	9	11	13	280	12	16	280	13	17	nsw	14	14	13	11	good	81	nlc	61	1025
18	WNW	5	7	7	290	8	10	300	10	12	nsw	13	13	12	10	good	83	nlc	63	1025
21	W	2	4	4	280	4	6	290	5	7	nsw	12	12	12	10	good	85	nlc	72	1025



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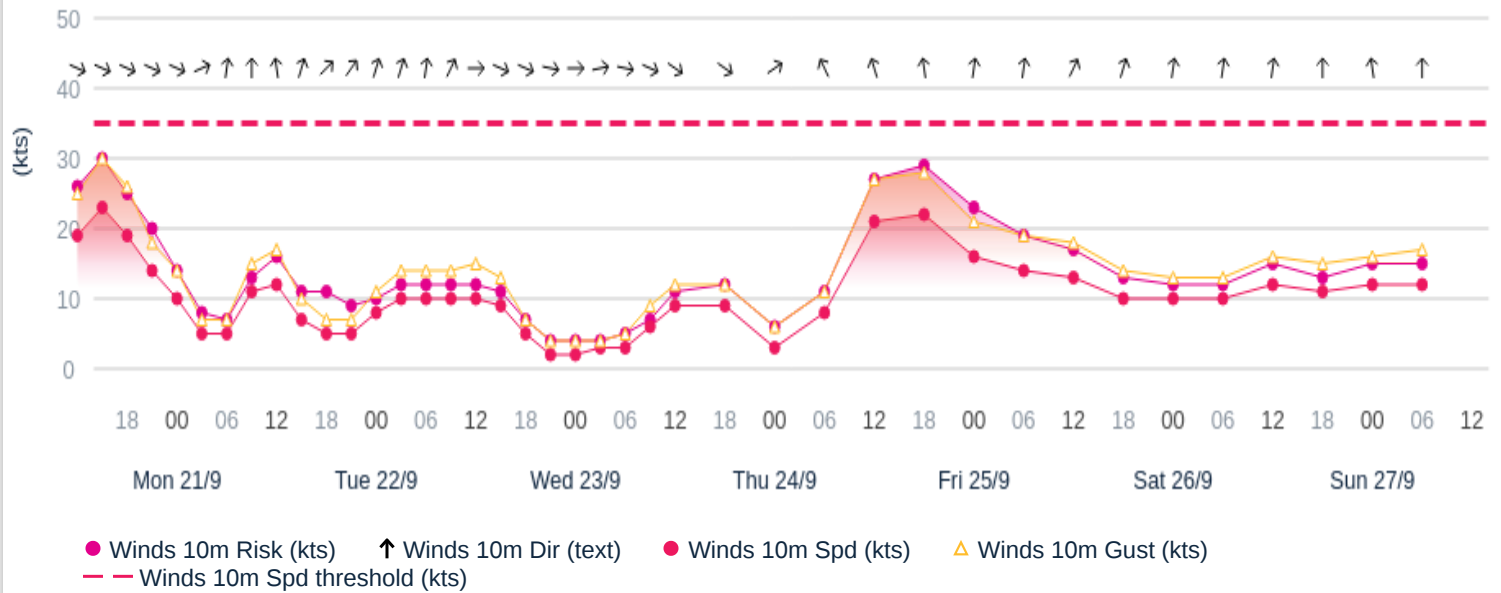
Issued on 20 September 2026, 14:01 UTC

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)
Wednesday 23 September 2026																				
00	W	2	4	4	270	4	6	280	5	7	dz	12	12	12	10	good	86	3500	75	1024
03	WSW	3	4	4	280	5	7	300	6	8	ra	12	12	11	9	good	84	1000	77	1023
06	W	3	5	5	290	6	8	310	8	10	ra	12	11	11	9	good	87	2000	74	1022
09	WNW	6	7	9	300	8	10	300	8	11	ra	12	11	11	9	good	82	3500	71	1022
12	WNW	9	11	12	300	11	14	300	11	15	shra	12	12	11	8	good	76	2000	66	1022
18	WNW	9	12	12	310	12	15	310	13	16	nsw	12	11	11	8	good	79	2000	48	1024
Thursday 24 September 2026																				
00	SW	3	6	6	270	5	8	290	6	9	nsw	11	11	11	8	good	81	nlc	32	1024
06	SSE	8	11	11	150	10	14	150	11	15	nsw	11	11	11	8	good	82	nlc	66	1023
12	SSE	21	27	27	160	27	34	160	29	37	dz	13	12	12	9	good	77	nlc	70	1019
18	SSE	22	29	28	170	29	37	170	32	40	ra	13	13	13	10	good	80	nlc	75	1013
Friday 25 September 2026																				
00	S	16	23	21	190	23	30	180	27	34	ra	13	13	13	11	good	85	3500	62	1010
06	S	14	19	19	190	19	25	190	22	28	dz	13	13	12	9	good	78	3500	45	1010
12	SSW	13	17	18	200	17	22	200	18	24	dz	14	14	13	9	good	73	3500	43	1011
18	SSW	10	13	14	200	15	20	210	17	22	nsw	13	13	12	9	good	77	nlc	48	1012
Saturday 26 September 2026																				
00	S	10	12	13	200	13	16	200	14	17	dz	12	12	11	10	good	84	nlc	48	1013
06	S	10	12	13	190	12	15	200	13	16	dz	12	12	11	9	good	84	2000	52	1012
12	S	12	15	16	190	13	17	200	14	17	dz	14	13	13	9	good	74	nlc	59	1011
18	S	11	13	15	170	16	20	170	18	22	dz	13	13	13	9	good	78	3500	61	1010
Sunday 27 September 2026																				
00	SSE	12	15	16	170	19	24	160	23	27	nsw	13	12	12	11	good	88	2000	67	1006
06	S	12	15	17	190	19	22	190	21	25	shra	12	12	12	11	good	88	500	64	1004

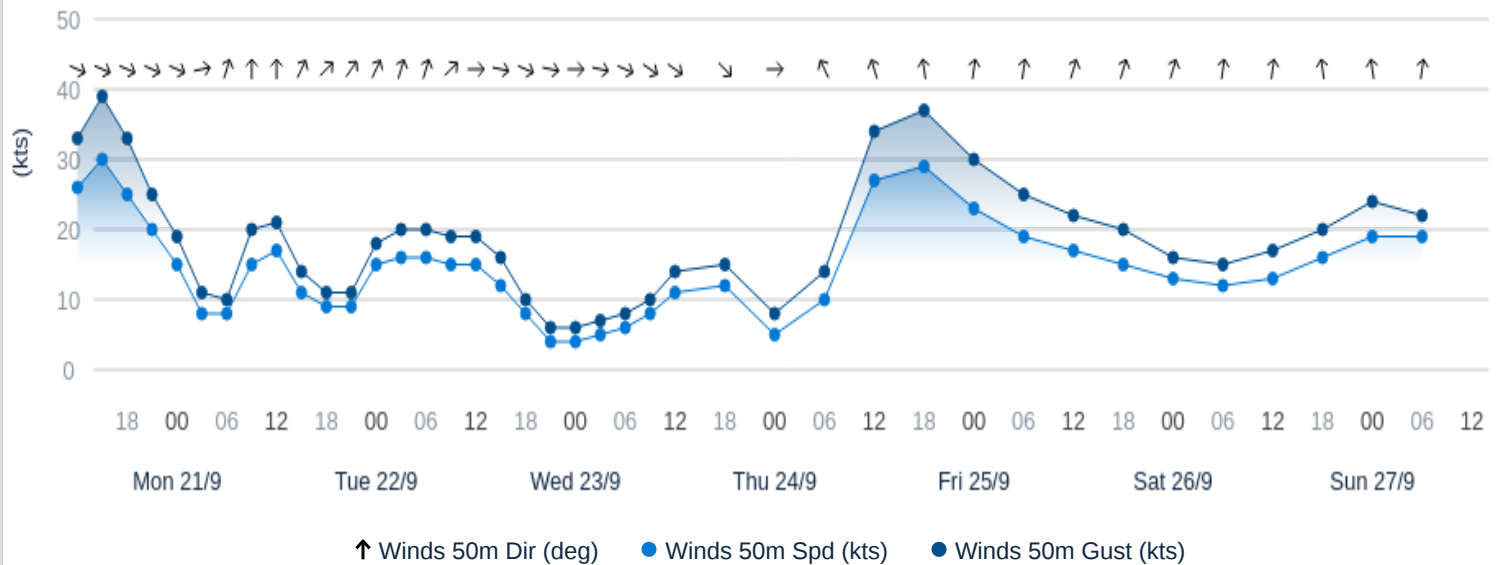
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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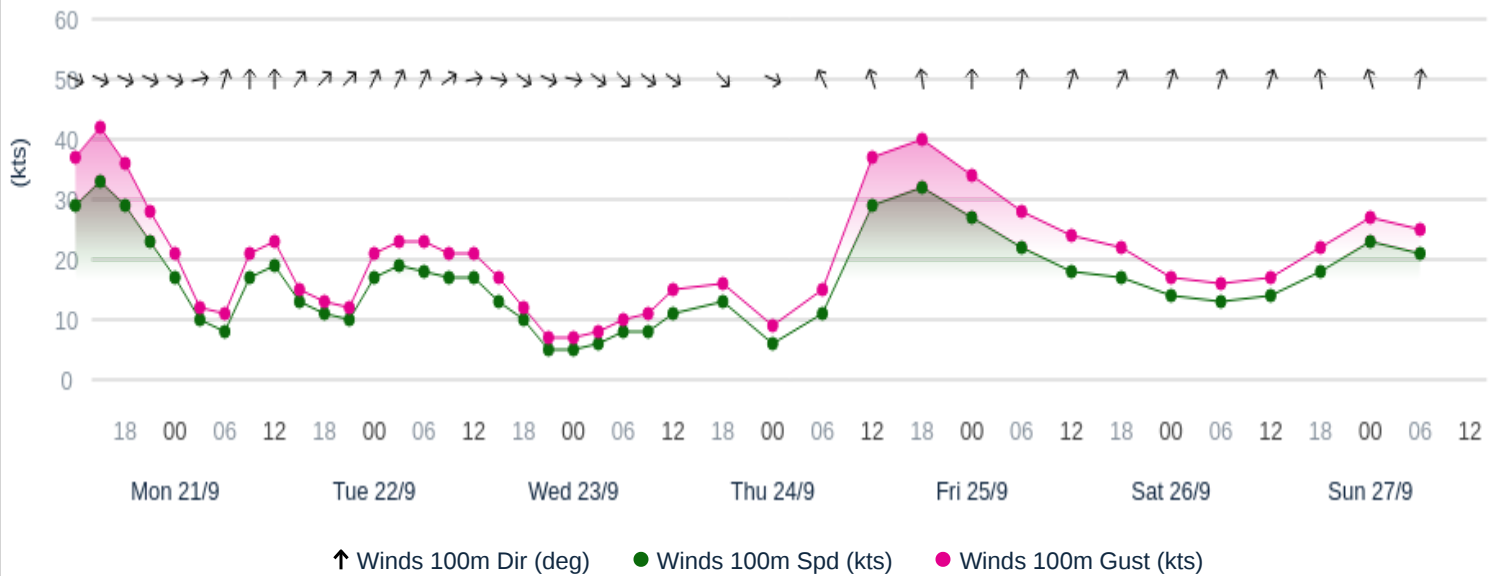
10m Wind Graph - 7 Day Scapa Flow



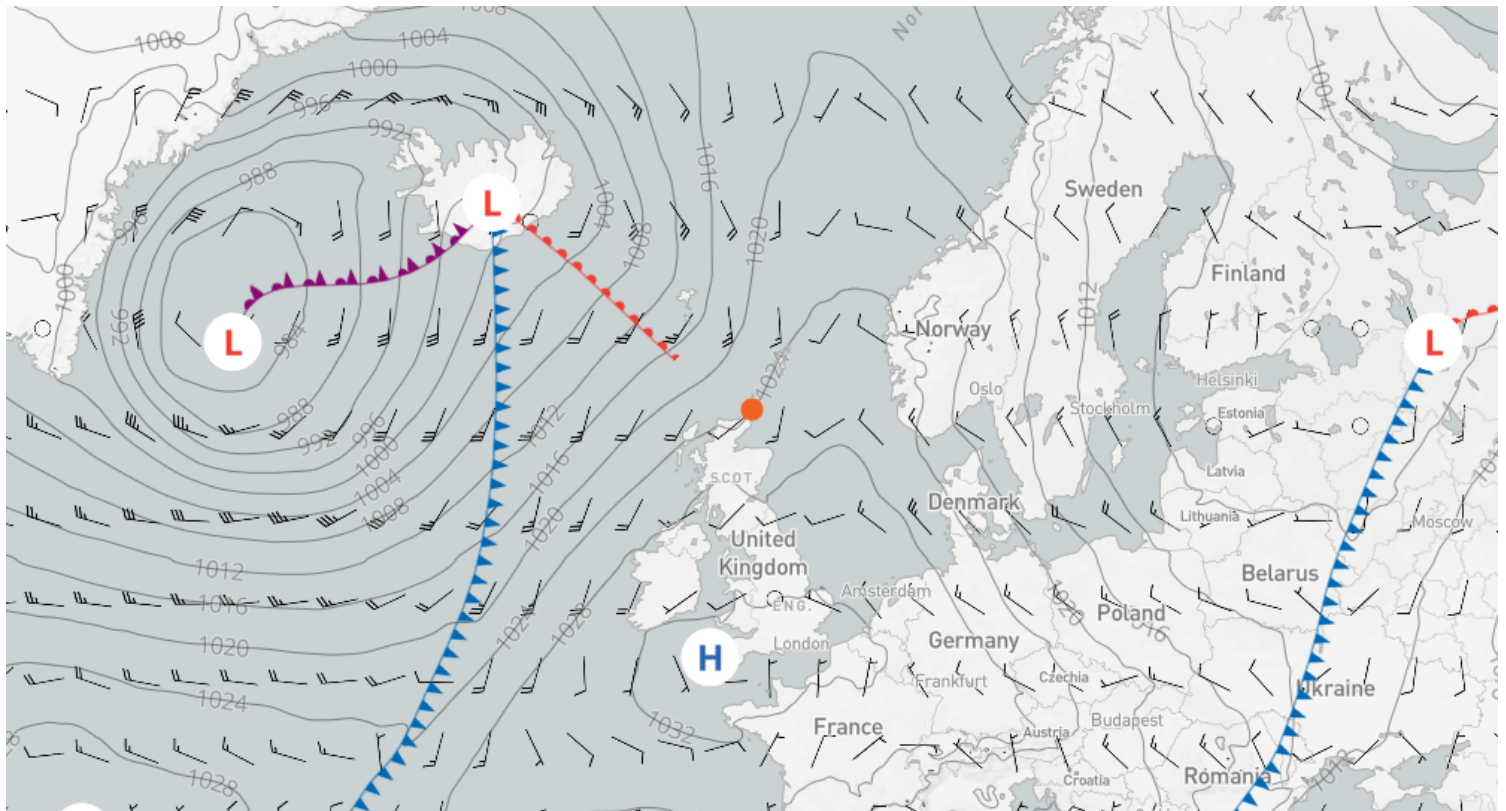
50m Wind Graph - 7 Day Scapa Flow



100m Wind Graph - 7 Day Scapa Flow

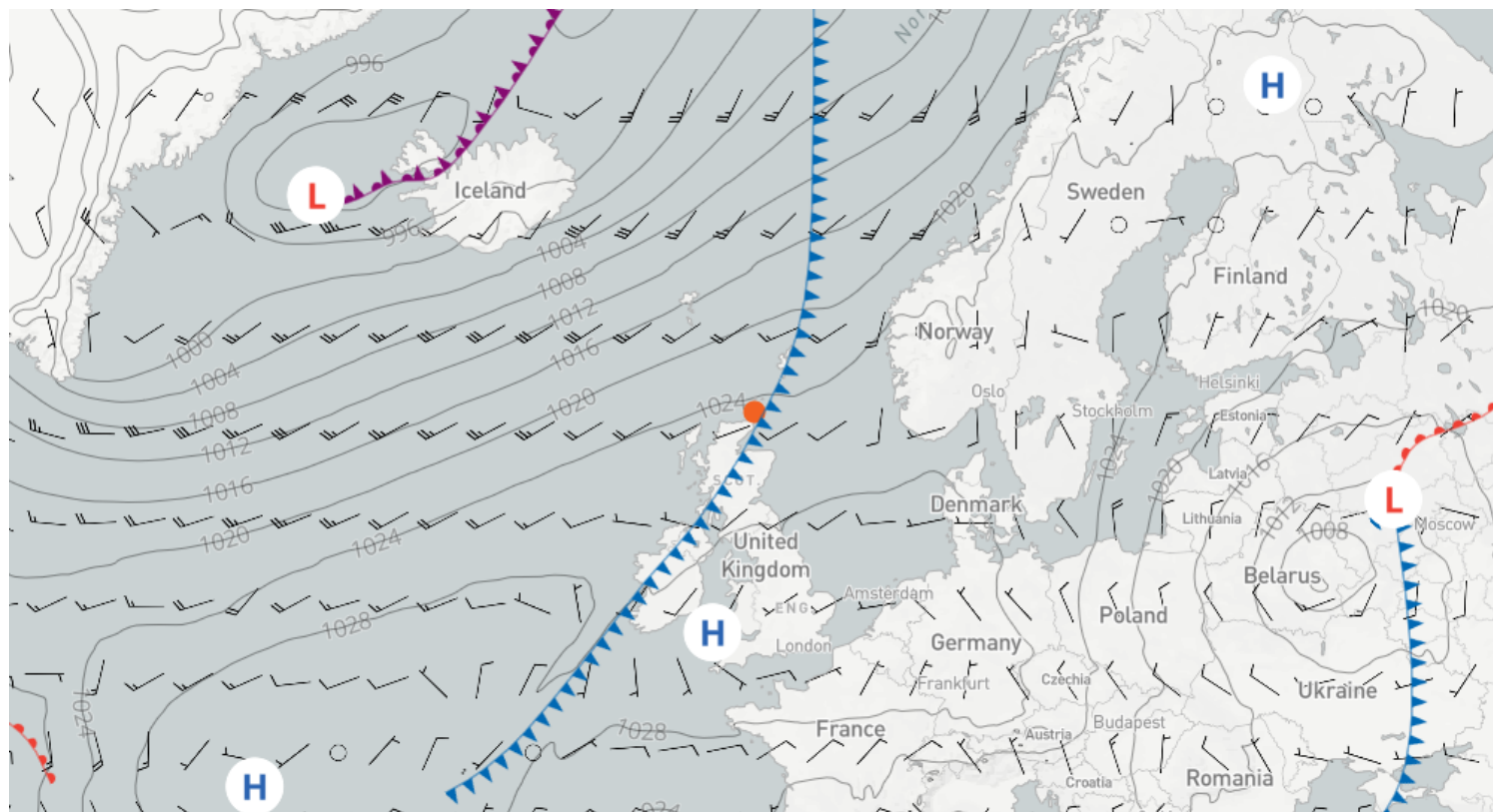


Issued on 20 September 2026, 12:00 UTC | Forecast for 21 September 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 20 September 2026, 14:01 UTC

Issued on 20 September 2026, 12:00 UTC | Forecast for 22 September 2026, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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