



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 16 September 2026, 04:01 UTC

Meteorological Situation

A transient ridge moves east across the Northern Isles, before low pressure south of Iceland drives a deep frontal trough across the Northern Isles later this evening, bringing outbreaks of rain. The low then becomes centred near the Faroes on Thursday, driving further troughs across the Northern Isles. The low and associated trough clear overnight into Friday as a new transient ridge builds northwest across the Northern Isles. This ridge quickly clears by the afternoon as further troughs approach Scotland and the Northern Isles from the Atlantic. Local conditions next 72 hrs: Wind: NW'ly, moderate to fresh, backing S'ly tomorrow afternoon. 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

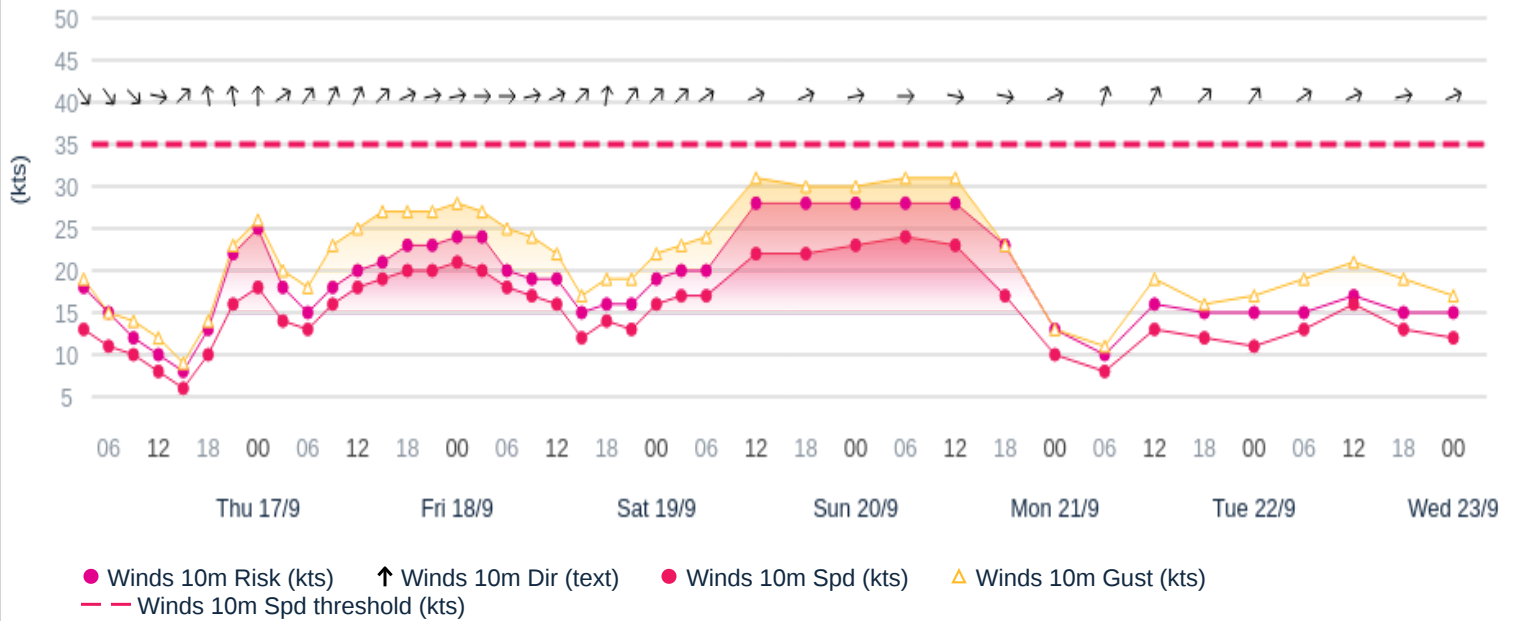
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Wednesday 16 September 2026																				
03	NW	13	18	19	320	20	25	330	23	28	nsw	11	11	10	8	good	82	1000	63	1013
06	NW	11	15	15	320	16	21	320	19	23	nsw	11	10	10	7	good	78	3500	52	1014
09	NW	10	12	14	310	13	17	300	14	18	nsw	11	10	10	6	good	74	3500	53	1014
12	W	8	10	12	280	11	15	280	12	16	nsw	12	11	10	5	good	64	3500	60	1013
15	SW	6	8	9	230	8	11	230	9	12	nsw	12	12	11	6	good	66	3500	65	1010
18	SSE	10	13	14	170	13	17	170	15	18	dz	12	12	11	8	good	77	nlc	79	1006
21	SSE	16	22	23	170	24	30	170	26	33	ra	12	12	11	10	md/gd	89	nlc	79	1002
Thursday 17 September 2026																				
00	S	18	25	26	190	24	32	190	27	35	ra	12	12	12	11	md/gd	89	2000	79	997
03	SW	14	18	20	240	20	25	240	22	28	ra	12	12	12	10	good	84	nlc	21	996
06	SW	13	15	18	220	18	24	230	21	26	nsw	12	11	11	9	good	83	3500	57	995
09	SSW	16	18	23	210	21	27	210	23	29	nsw	12	12	11	9	good	82	3500	75	993
12	SSW	18	20	25	210	23	30	200	25	32	shra	13	12	12	9	good	80	2000	77	992
15	SW	19	21	27	230	23	31	230	25	33	shra	13	13	12	10	good	79	1000	64	991
18	WSW	20	23	27	260	25	33	260	28	36	shra	12	12	11	9	good	82	1000	68	992
21	WSW	20	23	27	260	25	32	260	27	34	shra	12	11	11	9	good	84	2000	67	993
Friday 18 September 2026																				
00	WSW	21	24	28	270	27	35	270	30	37	shra	12	11	11	9	good	86	1000	68	994
03	W	20	24	27	270	27	34	270	30	37	shra	12	11	11	9	good	83	1000	55	995
06	W	18	20	25	270	24	31	280	27	34	shra	12	12	11	9	good	81	3500	64	996
09	WSW	17	19	24	270	21	29	270	23	31	shra	12	12	11	10	good	84	1000	71	997
12	WSW	16	19	22	260	20	26	260	22	28	ra	13	13	12	10	good	80	3500	72	998
15	SW	12	15	17	240	15	20	250	16	21	nsw	14	13	13	10	good	78	nlc	65	997
18	S	14	16	19	190	17	22	200	18	24	ra	13	13	12	10	good	83	nlc	75	995

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 (%)	
21	SW	13	16	19	210	19	24	200	21	26	ra	13	13	13	11	good	85	2000	61	994
Saturday 19 September 2026																				
00	SW	16	19	22	230	20	26	240	22	28	ra	13	13	12	10	good	85	2000	63	995
03	SW	17	20	23	230	21	27	240	23	29	shra	13	12	12	10	good	85	2000	69	995
06	SW	17	20	24	230	22	28	230	24	30	shra	12	12	12	10	good	84	2000	74	995
12	WSW	22	28	31	250	26	34	260	28	36	shra	13	13	12	9	good	75	2000	53	998
18	WSW	22	28	30	250	28	36	250	31	38	shra	12	12	11	9	good	80	3500	42	1002
Sunday 20 September 2026																				
00	WSW	23	28	30	260	31	38	270	34	42	ra	12	11	10	9	good	84	1000	47	1005
06	W	24	28	31	280	29	36	280	32	39	ra	12	11	11	9	good	82	3500	52	1010
12	W	23	28	31	280	25	33	280	26	34	ra	13	13	12	9	good	75	2000	52	1016
18	W	17	23	23	270	22	28	270	24	30	dz	12	12	12	9	good	78	3500	60	1019
Monday 21 September 2026																				
00	WSW	10	13	13	250	15	18	240	17	20	ra	12	12	11	9	good	82	1000	70	1021
06	SSW	8	10	11	210	11	14	210	12	15	ra	12	12	12	10	good	86	2000	75	1021
12	SSW	13	16	19	220	18	24	230	20	27	ra	14	14	14	11	good	83	2000	77	1021
18	SW	12	15	16	240	19	23	250	22	27	nsw	15	15	16	14	good	92	1000	65	1021
Tuesday 22 September 2026																				
00	SW	11	15	17	230	18	23	240	21	26	dz	14	15	15	13	good	92	1000	58	1020
06	SW	13	15	19	240	20	25	250	23	28	ra	13	13	14	12	good	90	1000	57	1020
12	WSW	16	17	21	260	21	27	270	24	30	dz	14	14	14	12	good	85	1000	58	1022
18	WSW	13	15	19	260	20	25	270	23	28	dz	13	13	12	10	good	84	2000	55	1024
Wednesday 23 September 2026																				
00	WSW	12	15	17	260	18	23	270	20	25	dz	12	12	11	9	good	83	3500	71	1025

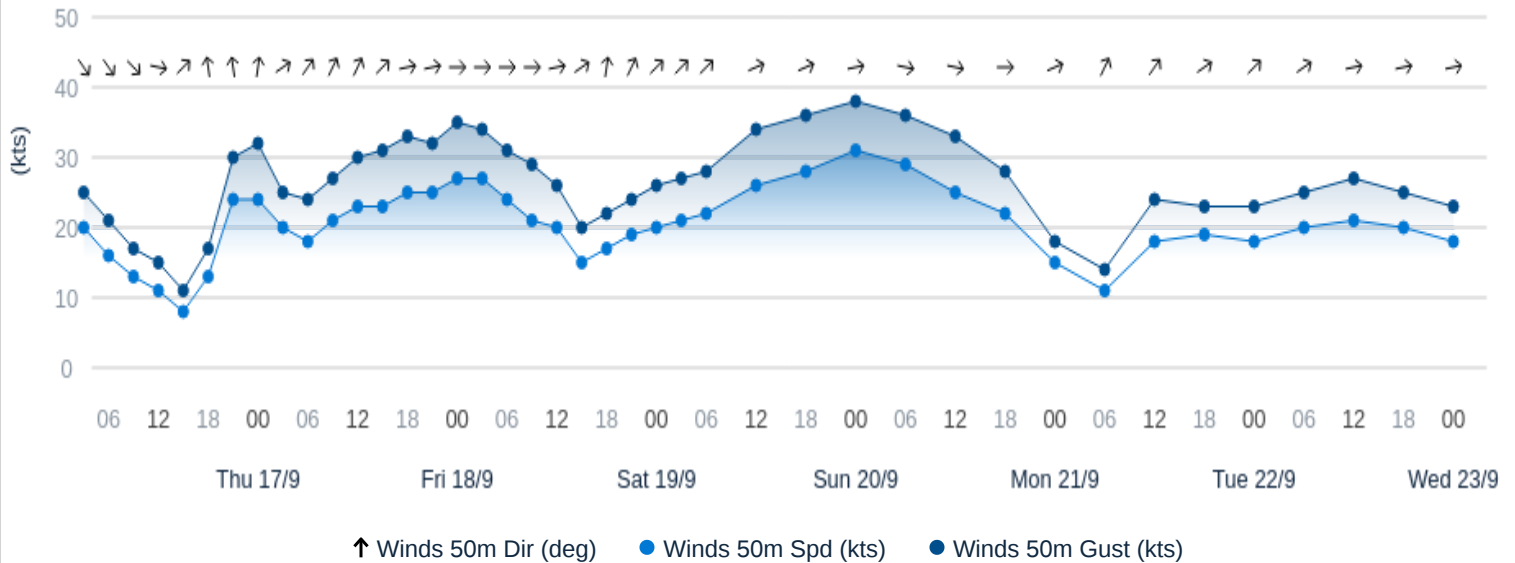
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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10m Wind Graph - 7 Day Scapa Flow

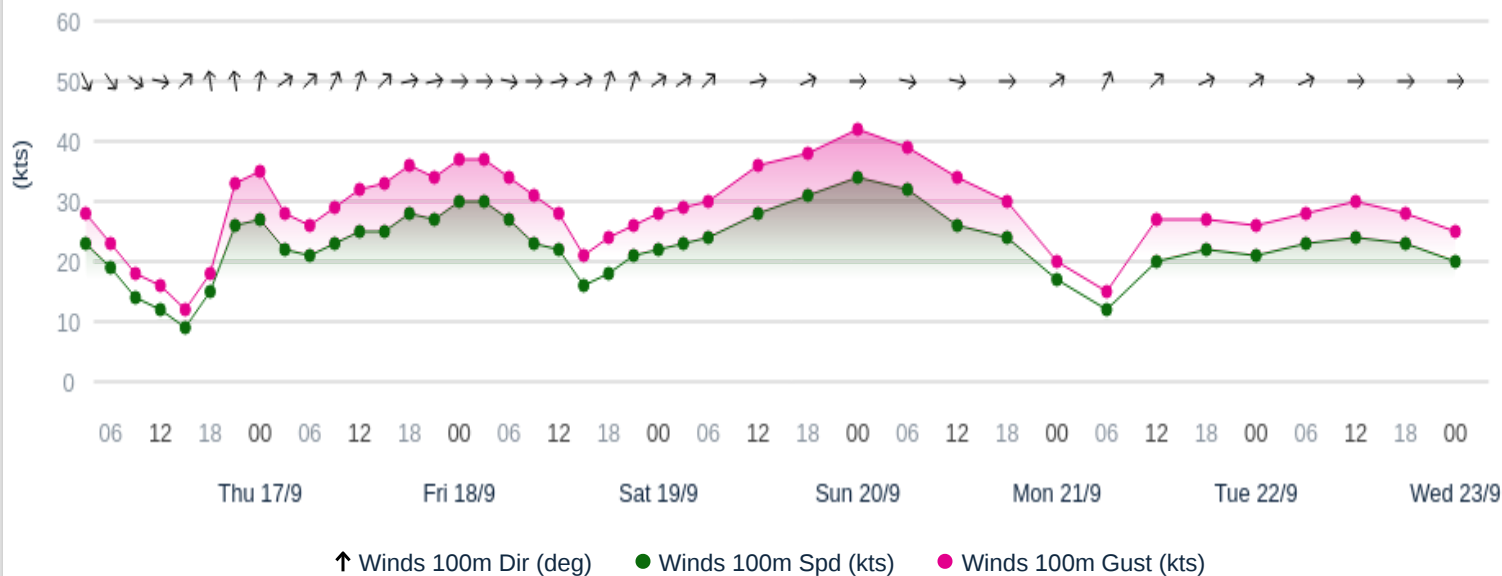


50m Wind Graph - 7 Day Scapa Flow

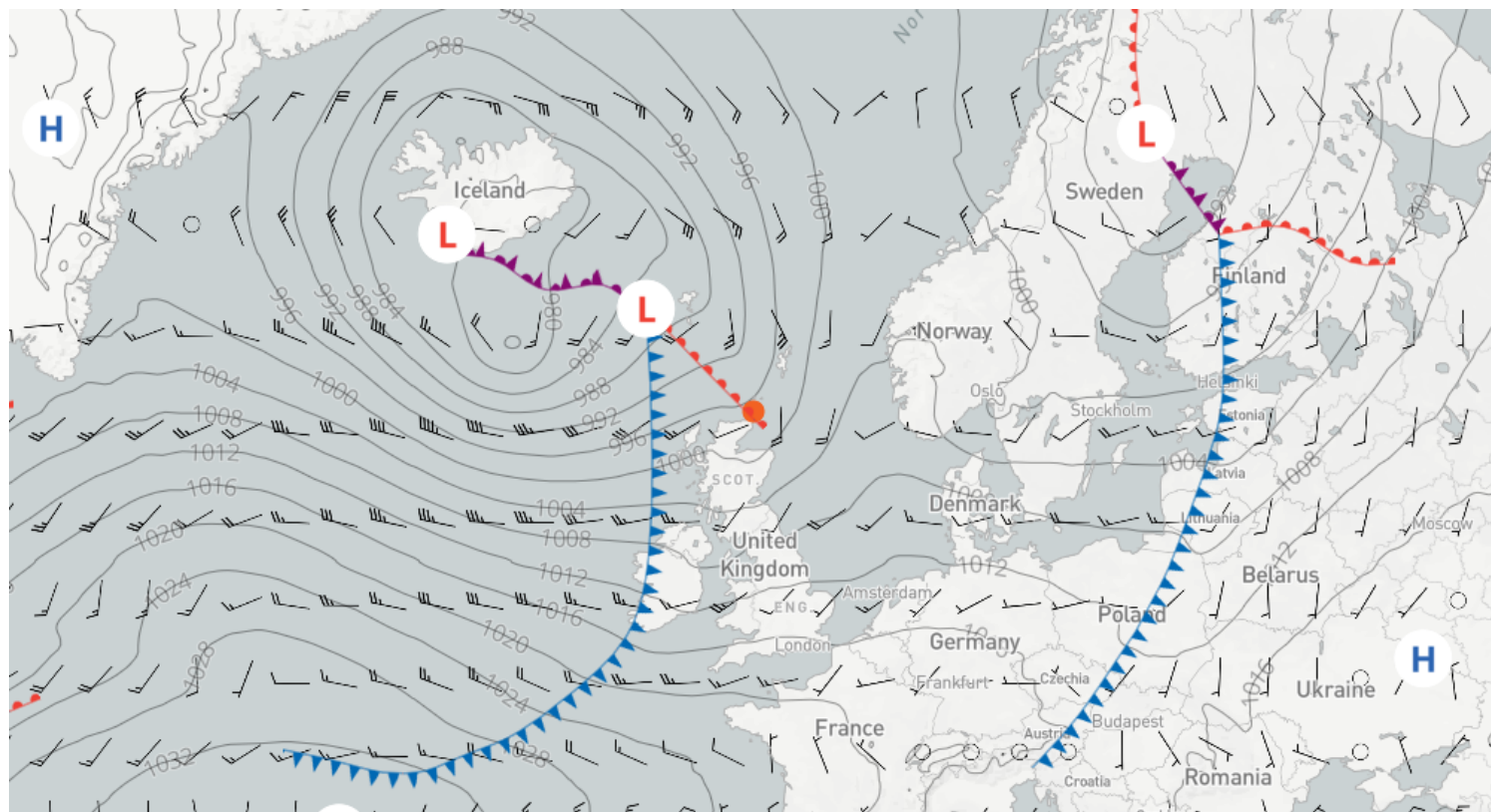


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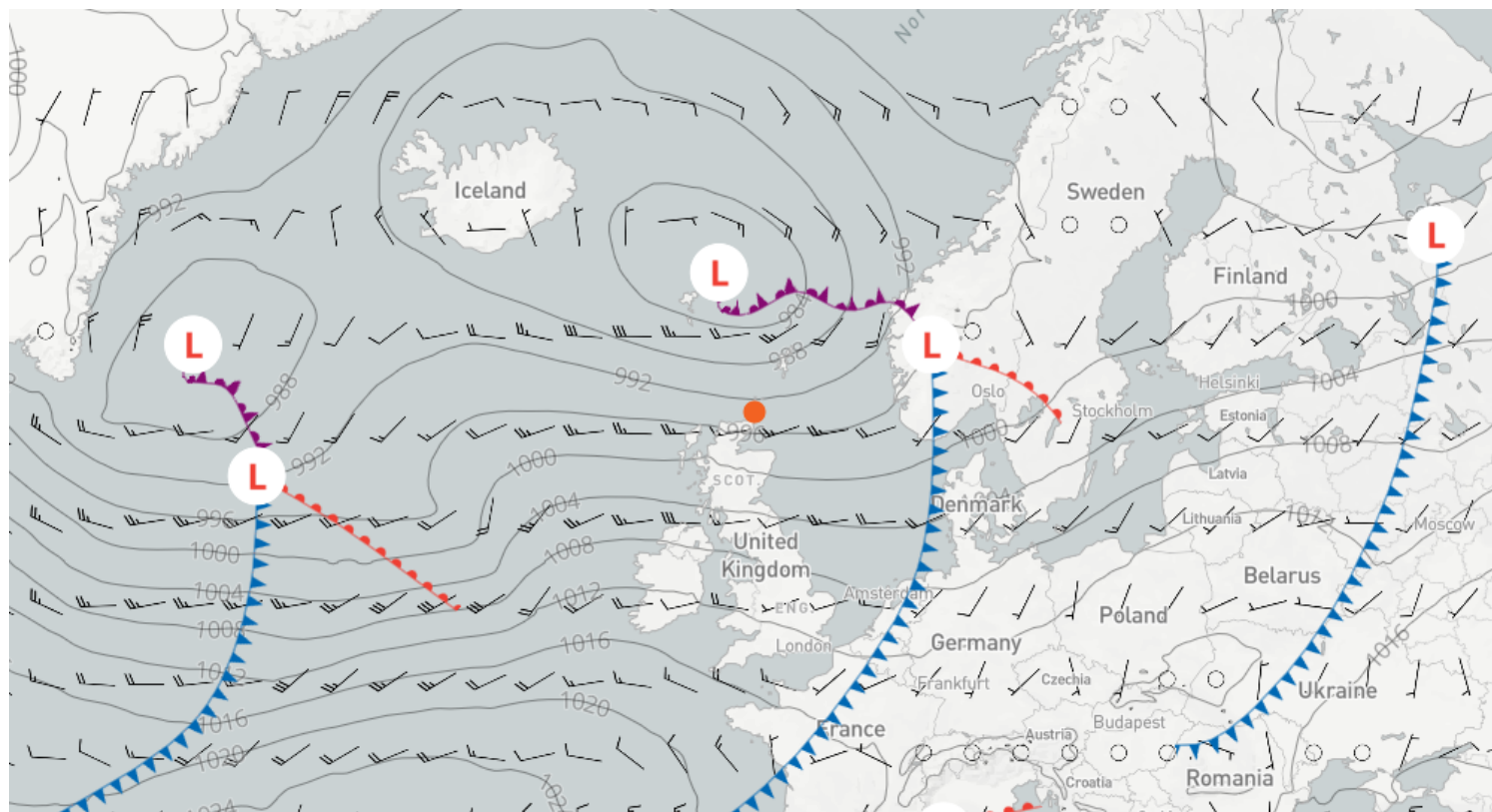
100m Wind Graph - 7 Day Scapa Flow



Issued on 16 September 2026, 00:00 UTC | Forecast for 17 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 16 September 2026, 04:01 UTC

Issued on 16 September 2026, 00:00 UTC | Forecast for 18 September 2026, 00:00 UTC (+48) | 10m Wind
Speed + Surface Pressure and Fronts

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