



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, 14:01 UTC

Meteorological Situation

A transient ridge passes over the North Sea this afternoon and conditions abate briefly. Deep low pressure approaches the Faroe Islands and a high pressure extending through the continent leading to a tight pressure gradient and strong W-ly breezes blowing across the North Sea. Winds remain strong, increasing slightly though the weekend as a series of cores pass into the Norwegian Sea. A succession of fronts crosses during the period and rain and showers are expected on most days. High pressure looks to be pushing in from mid-Sunday and lighter winds are forecast next week. Local conditions next 72 hrs: Wind: W-ly, moderate, increasing to strong breeze. 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																				
12	W	12	15	17	270	16	21	270	17	23	nsw	12	11	10	6	good	66	3500	63	1013
15	SSW	10	13	14	210	13	17	210	14	18	nsw	12	12	11	6	good	68	3500	53	1010
18	SSE	16	19	21	170	23	30	170	26	33	dz	13	12	12	9	good	81	3500	79	1006
21	SSE	21	24	27	170	29	37	170	33	42	ra	12	12	12	11	md/gd	89	nlc	79	1001
Thursday 17 September 2026																				
00	S	22	25	28	190	29	37	190	33	42	ra	12	12	12	11	md/gd	89	1000	78	997
03	SW	18	21	24	240	26	33	240	28	36	ra	12	12	12	10	good	84	2000	32	996
06	SW	17	20	22	220	24	31	220	27	35	nsw	12	11	11	9	good	84	2000	56	995
09	SSW	20	22	26	210	28	35	210	30	38	nsw	12	12	11	9	good	80	3500	73	993
12	SSW	23	23	30	210	30	38	210	34	43	ra	13	12	12	9	good	79	2000	75	992
15	SW	23	27	30	240	31	39	250	34	43	ra	13	12	12	10	good	83	1000	76	991
18	WSW	24	29	31	260	32	41	260	36	46	ra	12	11	11	10	good	87	1000	63	992
21	WSW	25	31	32	260	33	42	260	37	47	ra	12	11	11	9	good	85	3500	71	993
Friday 18 September 2026																				
00	W	25	30	32	260	32	41	260	35	45	shra	12	11	11	9	good	84	2000	66	994
03	W	22	29	28	270	31	39	270	35	44	shra	12	11	11	9	good	81	1000	49	995
06	W	19	23	25	270	28	36	270	32	41	nsw	12	12	11	8	good	79	1000	49	996
09	WSW	17	20	23	260	24	31	260	27	35	shra	12	12	12	10	good	84	1000	73	997
12	WSW	15	18	20	250	21	27	250	24	30	shra	13	13	13	10	good	79	3500	76	998
15	SSW	11	14	16	210	15	20	210	17	22	ra	14	13	13	10	md/gd	80	nlc	76	997
18	SSE	15	17	20	170	21	27	170	24	30	ra	13	13	12	11	md/gd	89	2000	77	994
21	SW	15	18	22	230	23	29	230	26	32	ra	13	13	13	11	good	88	2000	70	993
Saturday 19 September 2026																				
00	SW	17	20	24	240	24	31	240	27	34	ra	13	13	13	10	good	84	3500	57	994

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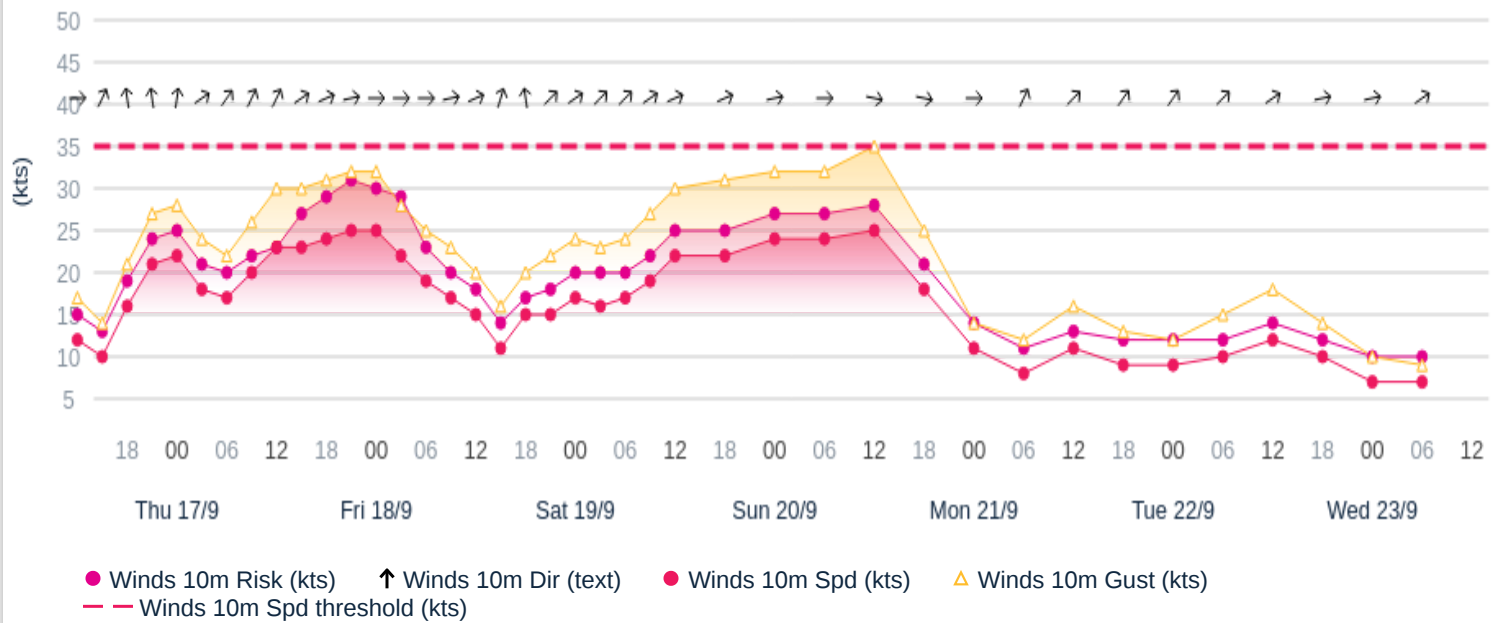
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
03	SW	16	20	23	240	24	31	240	27	33	shra	13	12	12	10	good	83	3500	48	994
06	SW	17	20	24	240	24	31	240	27	34	shra	12	12	12	10	good	84	2000	47	995
09	SW	19	22	27	240	27	34	250	30	37	shra	13	12	12	10	good	82	1000	41	997
12	WSW	22	25	30	250	28	37	250	31	40	shra	13	13	12	9	good	76	2000	37	999
18	WSW	22	25	31	250	31	39	260	34	42	shra	12	12	11	8	good	79	2000	37	1002
Sunday 20 September 2026																				
00	WSW	24	27	32	260	32	41	260	36	45	ra	12	11	11	9	good	82	2000	48	1005
06	W	24	27	32	270	31	38	280	33	41	ra	12	11	11	9	good	81	2000	32	1010
12	W	25	28	35	280	28	37	280	29	38	dz	13	12	12	8	good	74	2000	54	1016
18	W	18	21	25	280	21	27	280	21	28	dz	12	12	11	8	good	77	3500	58	1020
Monday 21 September 2026																				
00	W	11	14	14	260	14	17	250	15	18	ra	12	11	11	9	good	82	2000	66	1023
06	SSW	8	11	12	220	14	18	240	17	20	ra	12	12	12	9	good	82	2000	74	1023
12	SW	11	13	16	240	15	21	260	17	22	dz	14	14	14	11	good	81	3500	69	1025
18	SW	9	12	13	230	14	18	230	17	21	dz	14	15	15	12	good	88	2000	66	1025
Tuesday 22 September 2026																				
00	SW	9	12	12	230	13	16	240	15	18	nsw	14	15	16	13	good	93	1000	59	1025
06	SW	10	12	15	230	16	20	240	18	23	nsw	14	15	16	12	good	91	1000	59	1026
12	SW	12	14	18	250	16	22	250	18	24	dz	15	15	16	12	good	83	3500	47	1027
18	WSW	10	12	14	270	12	16	280	13	17	nsw	13	13	13	11	good	84	1000	60	1028
Wednesday 23 September 2026																				
00	WSW	7	10	10	270	8	11	280	9	12	ra	12	12	12	10	good	88	3500	76	1029
06	SW	7	10	9	260	8	10	290	8	10	ra	12	12	11	9	md/gd	84	1000	68	1029

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

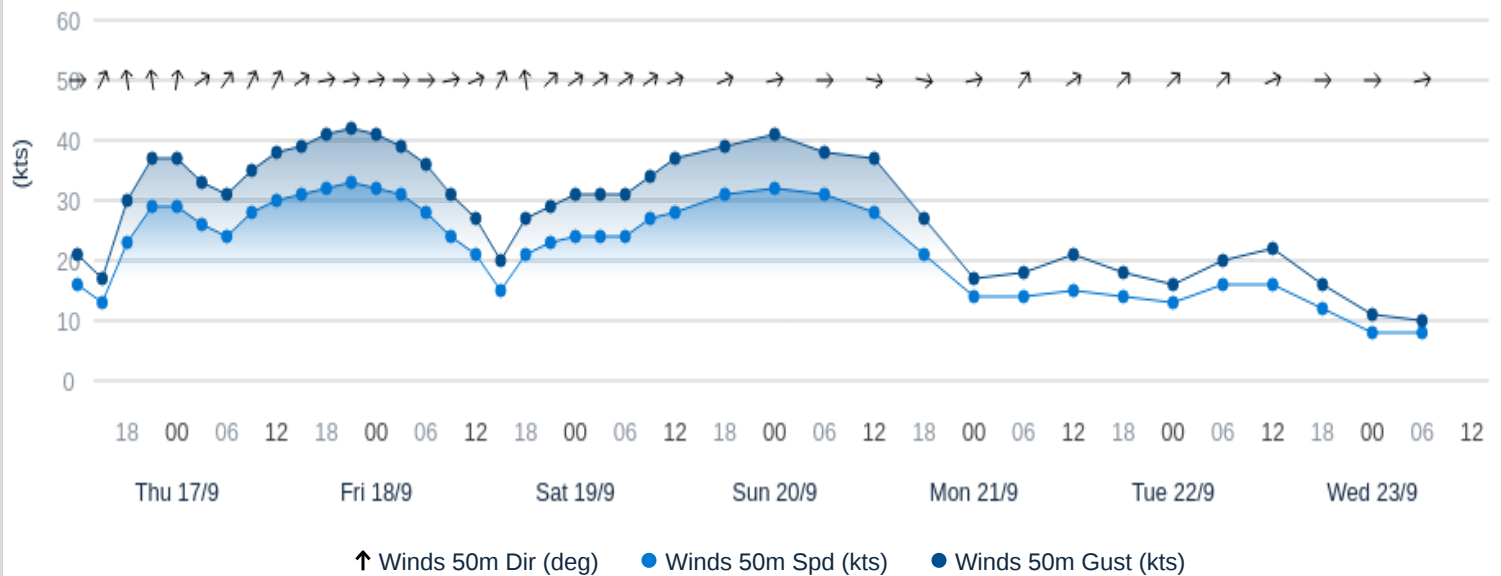
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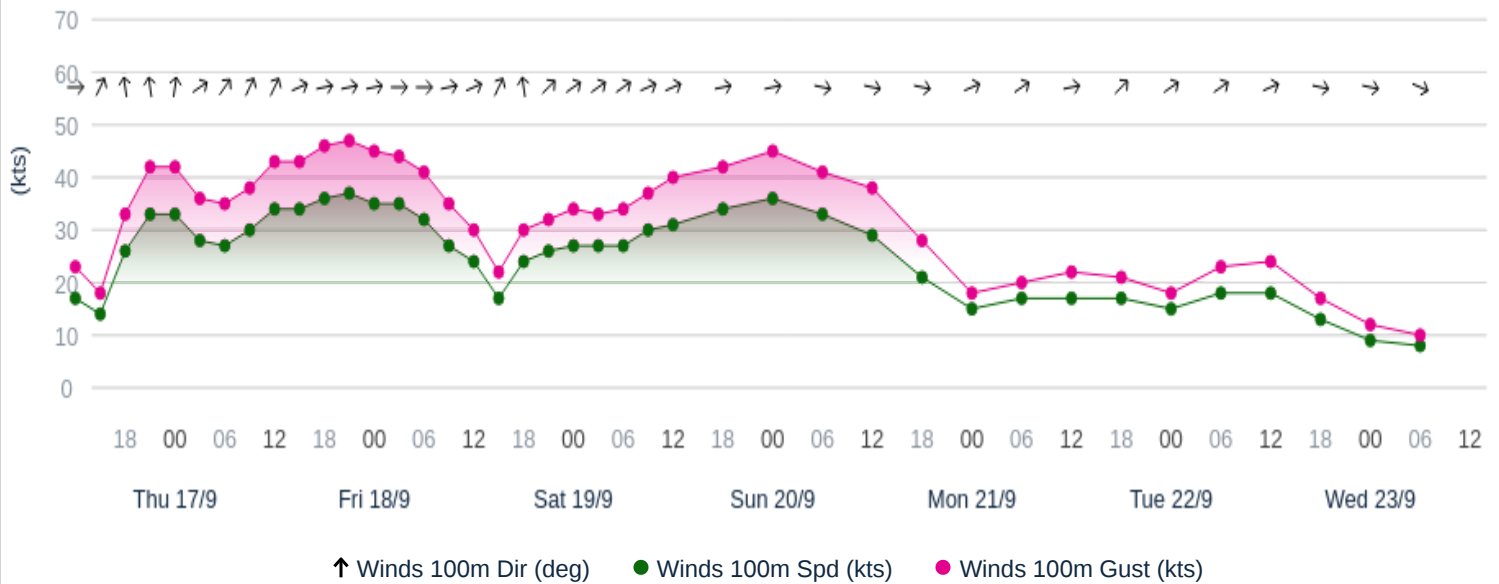
10m Wind Graph - 7 Day Scapa Flow



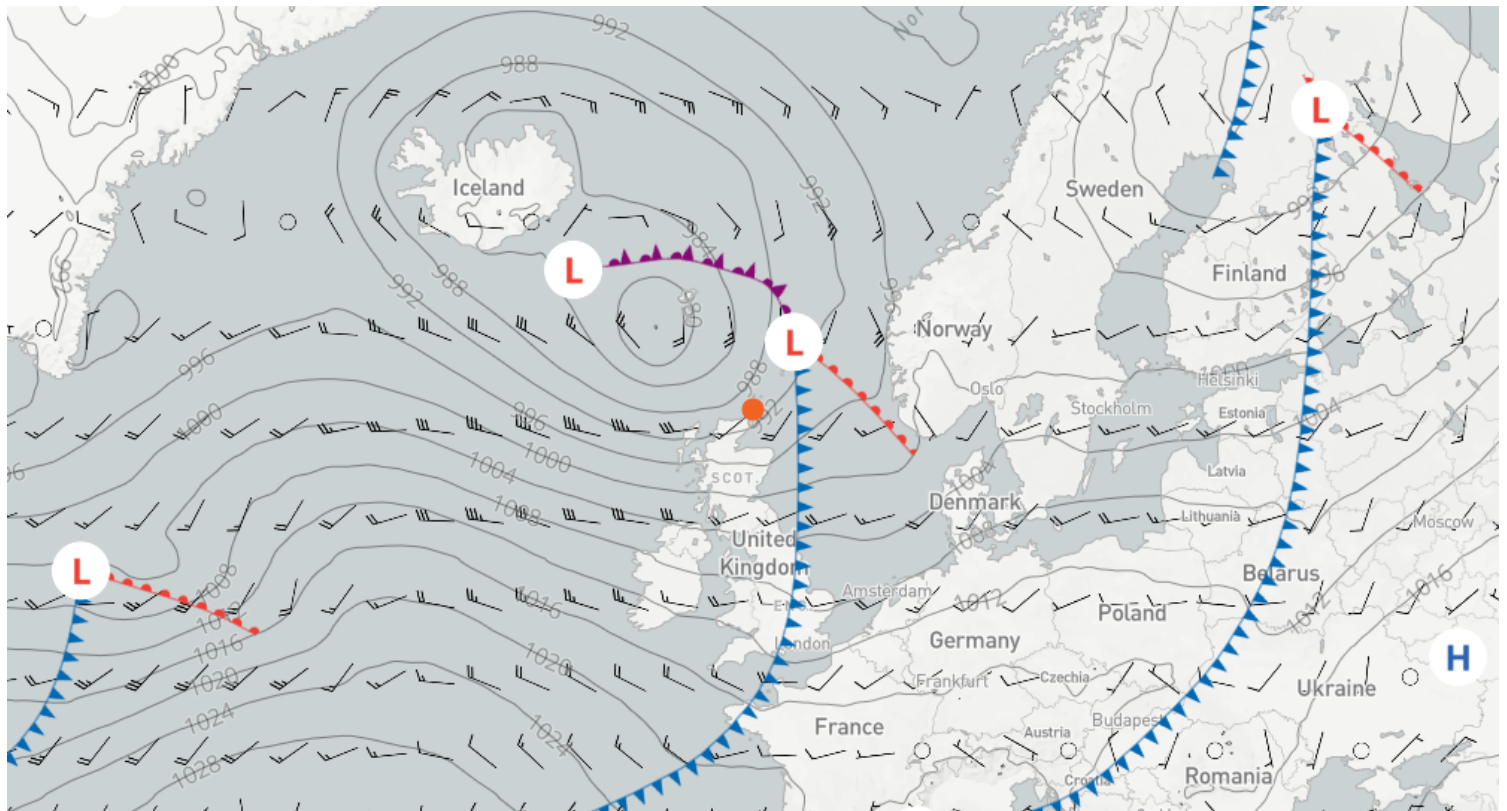
50m Wind Graph - 7 Day Scapa Flow



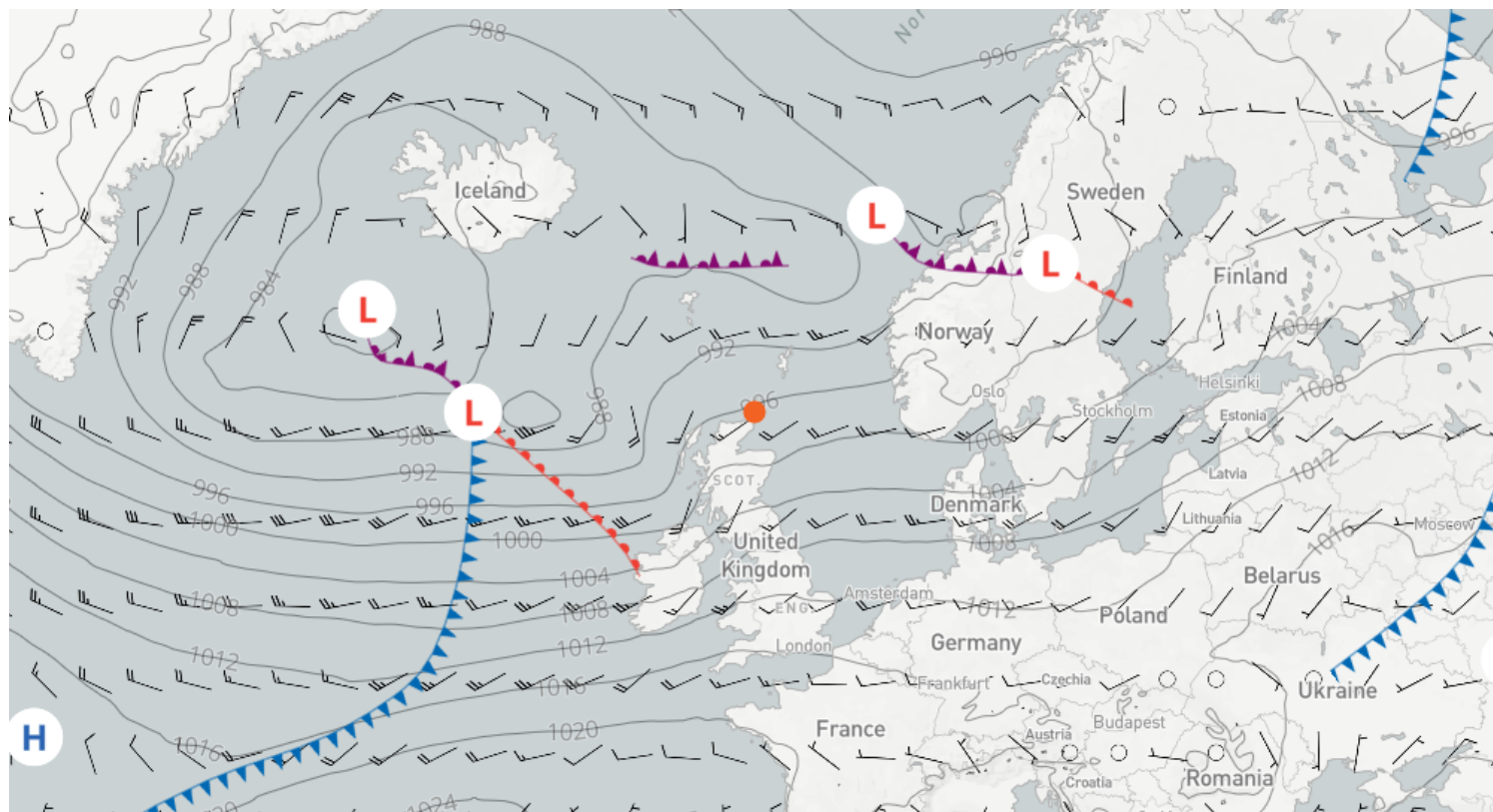
100m Wind Graph - 7 Day Scapa Flow



Issued on 16 September 2026, 12:00 UTC | Forecast for 17 September 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 16 September 2026, 14:01 UTC

Issued on 16 September 2026, 12:00 UTC | Forecast for 18 September 2026, 12:00 UTC (+48) | 10m Wind
Speed + Surface Pressure and Fronts

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