



Single Location Forecast - 7 Day

Scapa Flow (58°53'N 003°02'W)
Scapa Flow
Orkney Harbour DTNO_REF_19049545

Issued on 17 October 2026, 14:01 UTC

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Meteorological Situation

High pressure dominates over Scotland, a ridge building across the Northern Isles, the high clears into Scandinavia through Sunday. While Low pressure shifts towards Iceland creating a tight pressure gradient along the Northern Isles. The high then settles in over the Baltic strengthening and sending a ridge west-southwest towards the Northern Isles on Monday. The ridge declines again from Tuesday as a frontal trough approaches on Tuesday tightening the pressure gradient as it crosses mainland Scotland, before reaching the Northern Isles Wednesday. Local conditions next 72 hrs: Wind: WNW-ly, backing to S, moderate, increasing to strong breeze on 20 October 12 UTC. Sea temperature: 12-13C.

Warnings (next 24 Hours)

Gale
● Nil

Wind Shear
● Nil

Lightning Risk
● Low

Confidence
● Low

Criteria Levels

Winds 10m Spd
35 kts

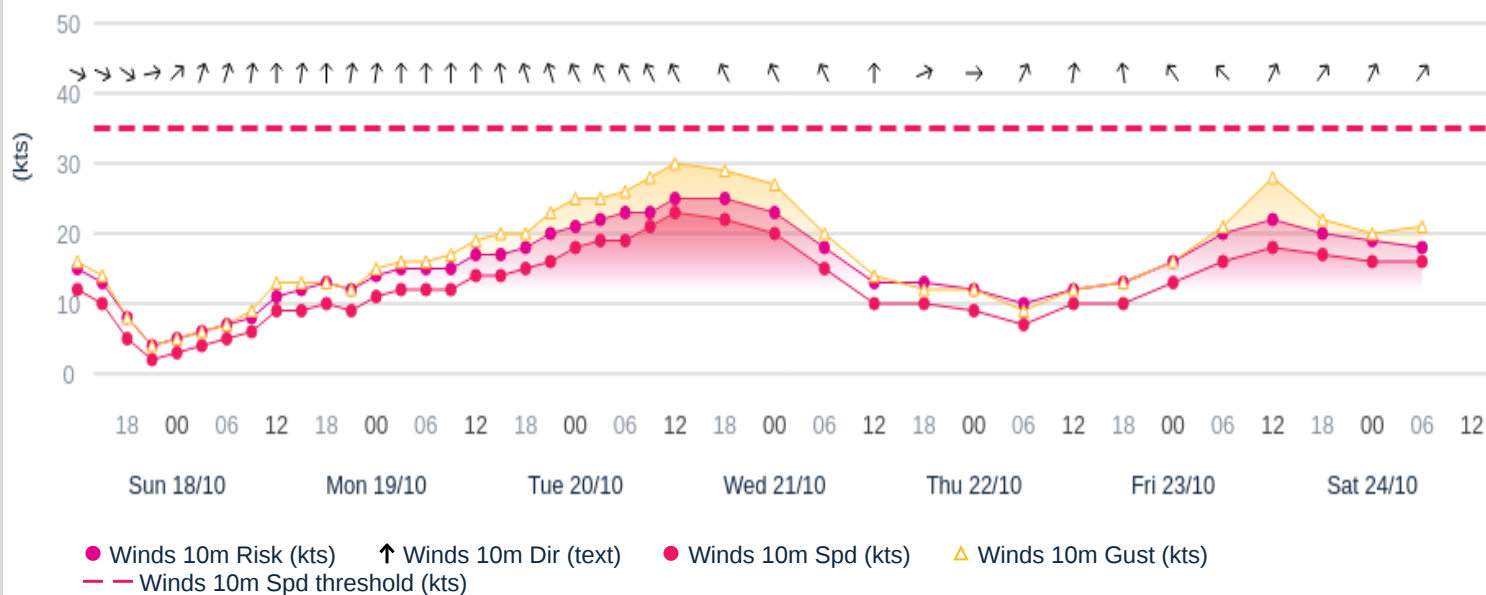
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Saturday 17 October 2026																				
12	WNW	12	15	16	290	16	21	290	18	24	ra	11	11	10	6	good	70	3500	61	1036
15	WNW	10	13	14	290	13	18	290	15	20	nsw	11	11	10	6	good	69	3500	51	1036
18	WNW	5	8	8	300	10	14	300	11	15	nsw	10	10	10	7	good	78	3500	61	1037
21	WSW	2	4	4	270	4	7	270	4	7	dz	10	10	9	6	good	78	3500	70	1037
Sunday 18 October 2026																				
00	SW	3	5	5	230	5	7	240	6	8	nsw	10	10	9	7	good	82	3500	58	1036
03	SSW	4	6	6	210	6	8	210	7	9	nsw	10	9	9	7	good	83	nlc	27	1036
06	SSW	5	7	7	200	7	9	200	9	10	nsw	9	9	9	6	good	81	nlc	23	1036
09	S	6	8	9	200	10	12	200	11	14	nsw	10	9	9	6	good	79	nlc	3	1036
12	S	9	11	13	180	13	17	180	15	18	nsw	11	10	9	5	good	69	nlc	12	1035
15	S	9	12	13	190	13	17	190	15	18	nsw	11	10	9	5	good	68	nlc	3	1034
18	S	10	13	13	180	15	18	180	17	21	nsw	10	10	9	6	good	76	nlc	48	1033
21	S	9	12	12	190	15	18	190	18	21	nsw	10	10	9	7	good	79	nlc	24	1033
Monday 19 October 2026																				
00	S	11	14	15	190	16	20	190	19	23	nsw	10	10	9	6	good	77	nlc	12	1032
03	S	12	15	16	190	17	21	190	19	23	nsw	10	9	9	7	good	81	nlc	7	1031
06	S	12	15	16	180	17	22	190	20	24	nsw	10	9	9	6	good	79	nlc	3	1030
09	S	12	15	17	180	17	21	180	19	23	nsw	10	10	9	7	good	79	nlc	4	1029
12	S	14	17	19	180	18	23	180	20	25	nsw	11	11	10	6	good	73	nlc	1	1028
15	SSE	14	17	20	170	20	26	170	23	28	nsw	12	11	11	9	good	81	nlc	15	1026
18	SSE	15	18	20	160	22	28	170	25	31	nsw	12	12	11	11	good	93	nlc	26	1025
21	SSE	16	20	23	160	23	29	160	25	32	nsw	12	12	11	11	good	93	1000	48	1023
Tuesday 20 October 2026																				
00	SSE	18	21	25	160	24	31	160	27	34	nsw	12	12	11	11	good	92	1000	66	1022

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	SSE	19	22	25	150	26	32	160	29	35	nsw	12	12	11	11	good	92	1000	60	1019
06	SSE	19	23	26	150	27	33	150	30	37	nsw	12	12	11	11	good	91	1000	64	1017
09	SSE	21	23	28	150	29	36	150	33	39	nsw	12	12	11	10	good	90	1000	69	1015
12	SSE	23	25	30	150	31	38	150	34	41	nsw	12	12	11	9	good	83	2000	71	1013
18	SSE	22	25	29	150	32	38	150	36	42	dz	11	11	10	8	good	80	2000	66	1009
Wednesday 21 October 2026																				
00	SSE	20	23	27	150	28	35	150	31	38	ra	11	11	10	8	good	79	3500	75	1005
06	SSE	15	18	20	150	23	28	150	27	32	ra	11	11	10	9	md/gd	85	2000	76	1002
12	S	10	13	14	210	17	21	230	20	24	ra	11	10	10	8	md/gd	85	1000	79	999
18	WSW	10	13	12	240	15	18	240	18	20	ra	10	9	9	7	good	84	3500	77	1000
Thursday 22 October 2026																				
00	W	9	12	12	280	14	17	280	17	20	ra	9	9	8	6	good	79	nlc	74	1001
06	SSW	7	10	9	220	10	12	230	11	13	dz	9	9	8	5	good	74	nlc	26	1002
12	S	10	12	12	190	13	15	180	15	17	dz	10	9	9	4	good	68	nlc	18	1002
18	SSE	10	13	13	170	16	19	170	19	22	dz	10	9	9	6	good	77	nlc	26	1001
Friday 23 October 2026																				
00	SE	13	16	16	140	20	23	130	23	27	ra	10	10	9	7	good	81	3500	64	997
06	SE	16	20	21	120	26	30	110	30	35	ra	10	10	9	8	mod	83	1000	70	987
12	SSW	18	22	28	240	33	43	270	39	49	ra	11	10	9	7	good	77	3500	74	988
18	SW	17	20	22	250	27	32	280	31	36	ra	9	9	8	5	good	76	3500	76	992
Saturday 24 October 2026																				
00	SSW	16	19	20	240	23	26	270	26	29	shra	9	9	8	4	good	72	nlc	71	995
06	SW	16	18	21	240	21	26	270	24	29	shra	9	8	8	5	good	78	1000	63	997

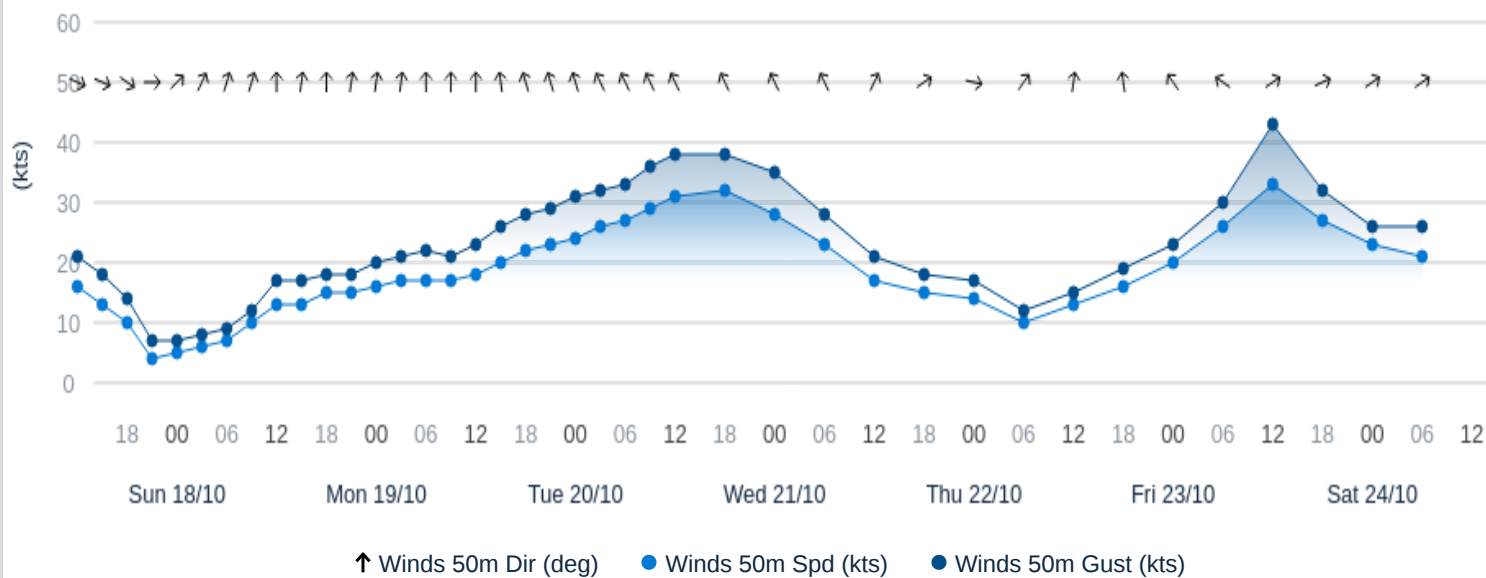
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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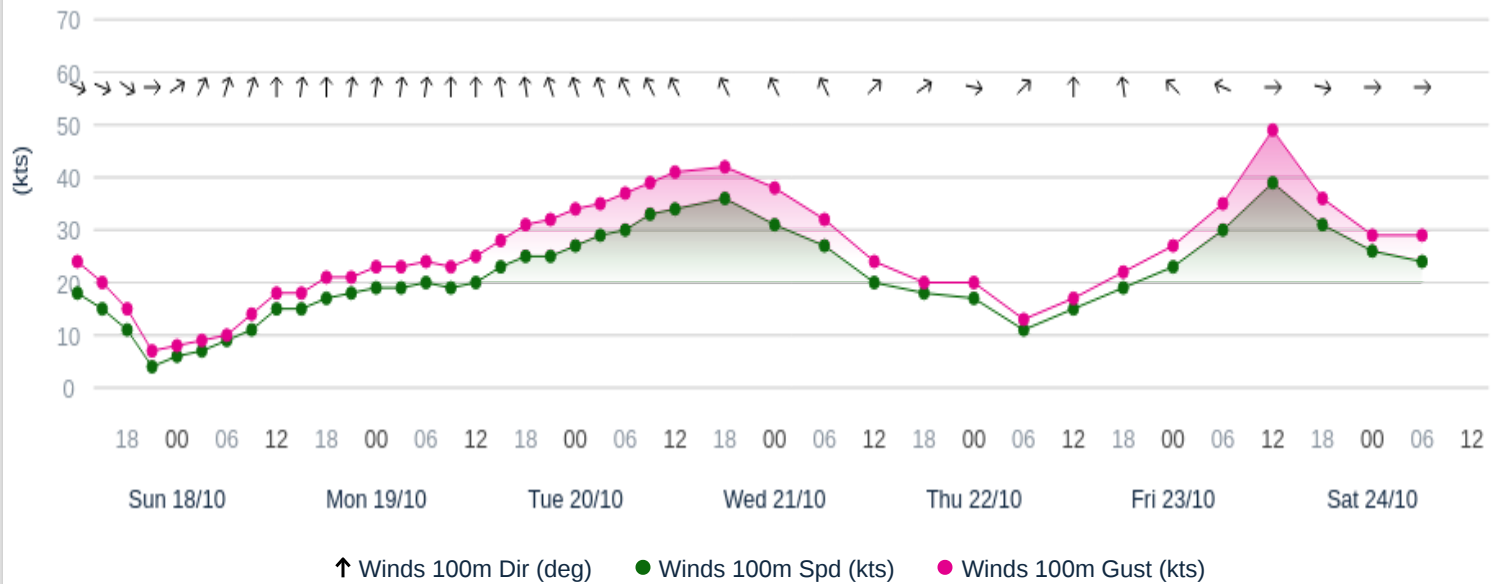
10m Wind Graph - 7 Day Scapa Flow



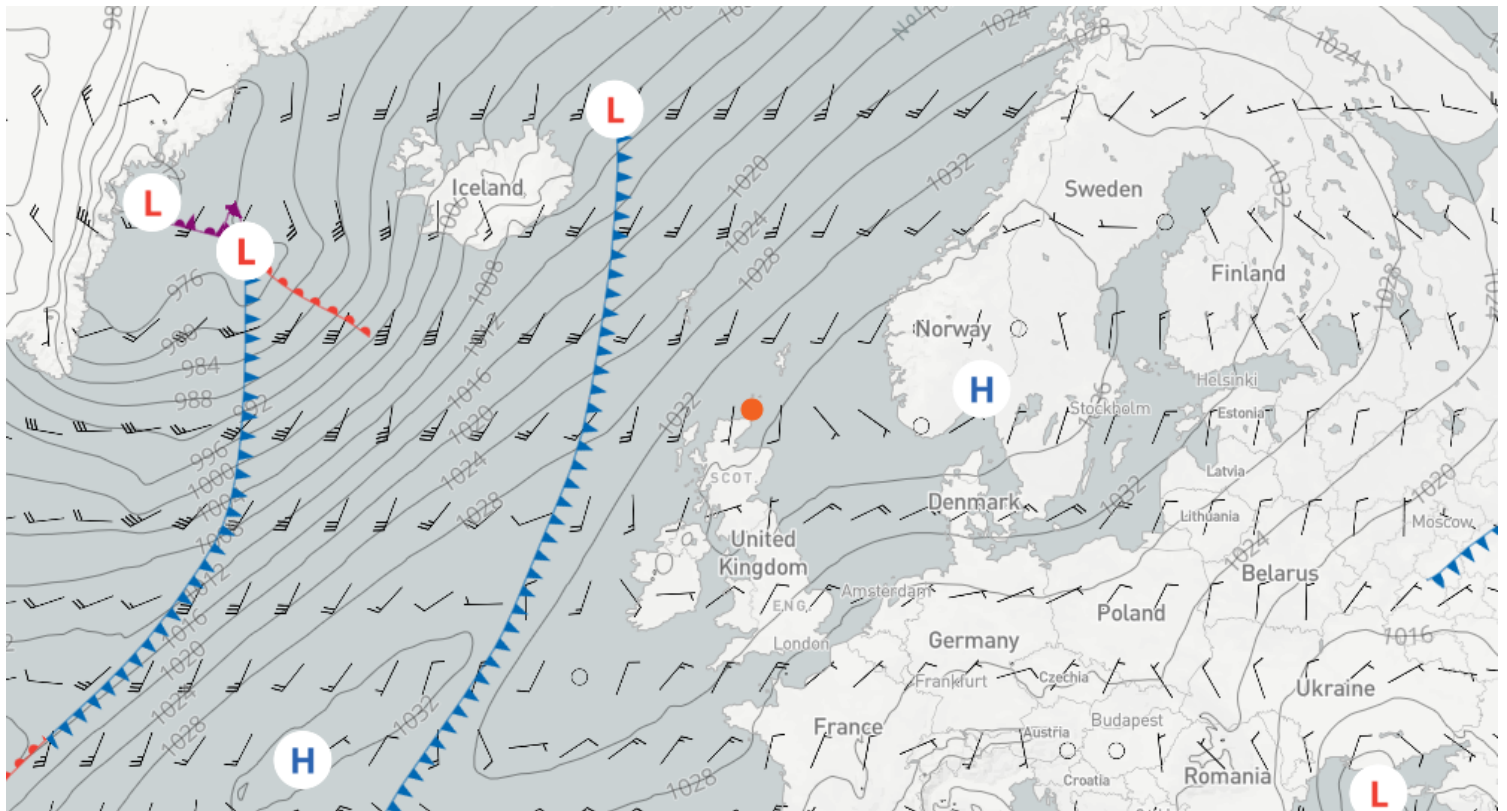
50m Wind Graph - 7 Day Scapa Flow



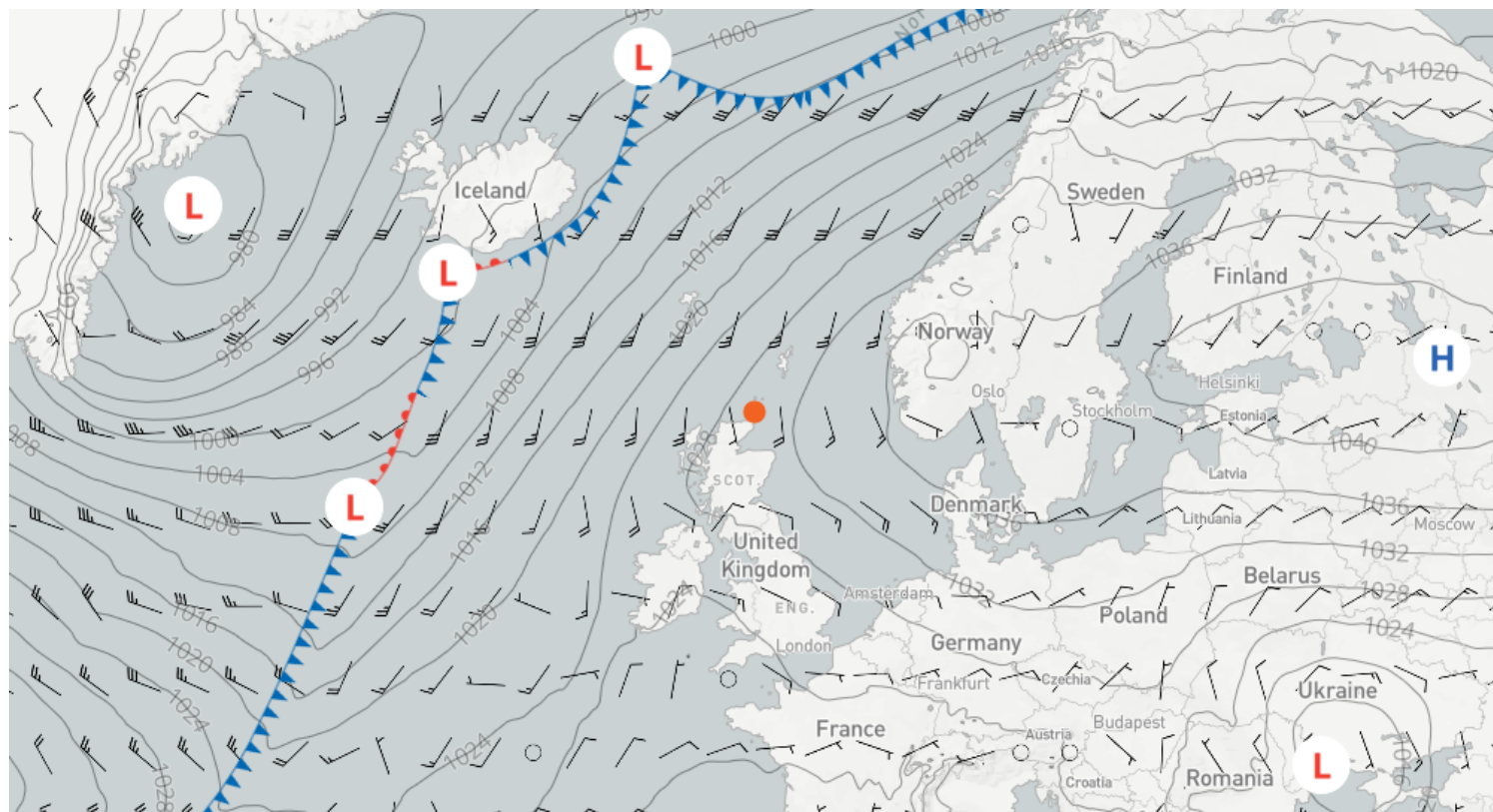
100m Wind Graph - 7 Day Scapa Flow



Issued on 17 October 2026, 12:00 UTC | Forecast for 18 October 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 17 October 2026, 12:00 UTC | Forecast for 19 October 2026, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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