



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 10 September 2026, 04:01 UTC

Meteorological Situation

A transient ridge passes over the North Sea through today and early tomorrow bringing a brief spell of light conditions and fair weather. A deepening low sitting over Iceland elongates and, with a high pressure ridge spanning continental Europe and out into the Atlantic, a strong W-ly wind field establishes across the region. A front passes over during late Thursday and into Friday, when a weak trough disrupts flow. Another low approaching from the Atlantic squeezes gradients once more on Friday and strong SW-ly breezes return on Saturday, with more frontal rain expected. Local conditions next 72 hrs: Wind: WNW-ly, backing to S, moderate, increasing to fresh breeze on 10 September 12 UTC. 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 (%)	
Thursday 10 September 2026																				
03	S	12	15	16	180	17	22	180	19	25	nsw	12	12	11	10	good	84	nlc	76	1010
06	S	13	16	18	180	18	24	180	20	26	nsw	13	12	12	10	good	82	nlc	78	1008
09	SSE	15	18	20	170	18	24	170	20	26	dz	13	13	12	10	good	83	nlc	75	1007
12	SSE	17	21	22	170	21	27	170	23	30	ra	14	13	13	11	good	84	nlc	77	1004
15	SSE	17	23	22	170	22	28	170	24	31	ra	14	14	14	12	good	86	nlc	79	1001
18	S	14	20	19	200	20	26	200	22	29	ra	14	14	14	12	good	90	2000	76	1000
21	SW	11	13	15	240	16	21	240	19	25	nsw	14	14	14	12	good	88	2000	51	1002
Friday 11 September 2026																				
00	WSW	12	15	18	250	20	24	250	23	28	ra	13	13	13	12	good	91	1000	62	1003
03	WSW	14	17	20	260	21	26	260	23	29	dz	13	12	12	11	good	88	2000	50	1005
06	WSW	15	17	22	260	22	28	260	24	30	dz	12	12	12	10	good	83	1000	41	1008
09	WSW	17	18	23	260	22	29	260	25	31	dz	13	13	12	9	good	79	3500	36	1010
12	WSW	17	19	23	260	21	28	260	24	30	dz	14	13	13	9	good	73	nlc	30	1013
15	WSW	15	17	21	250	19	25	250	20	27	nsw	14	14	13	9	good	71	3500	48	1014
18	SW	10	13	14	240	16	20	240	17	22	nsw	14	14	13	10	good	77	nlc	45	1015
21	SSW	10	13	14	210	14	17	210	15	19	nsw	13	13	13	10	good	79	nlc	69	1015
Saturday 12 September 2026																				
00	S	12	14	17	190	16	21	200	18	23	ra	13	13	12	10	good	82	nlc	75	1012
03	S	15	20	21	180	22	28	180	25	31	ra	13	12	12	10	good	85	nlc	78	1008
06	S	19	25	27	180	27	35	180	30	38	ra	13	12	12	11	md/gd	89	3500	75	1003
09	SSW	17	24	24	220	24	31	230	27	34	ra	14	14	14	12	good	89	1000	66	1002
12	W	17	23	24	270	24	32	270	27	34	ra	15	15	14	12	good	85	1000	63	1004
15	W	17	21	23	280	22	28	290	24	31	dz	14	14	13	10	good	77	2000	41	1008



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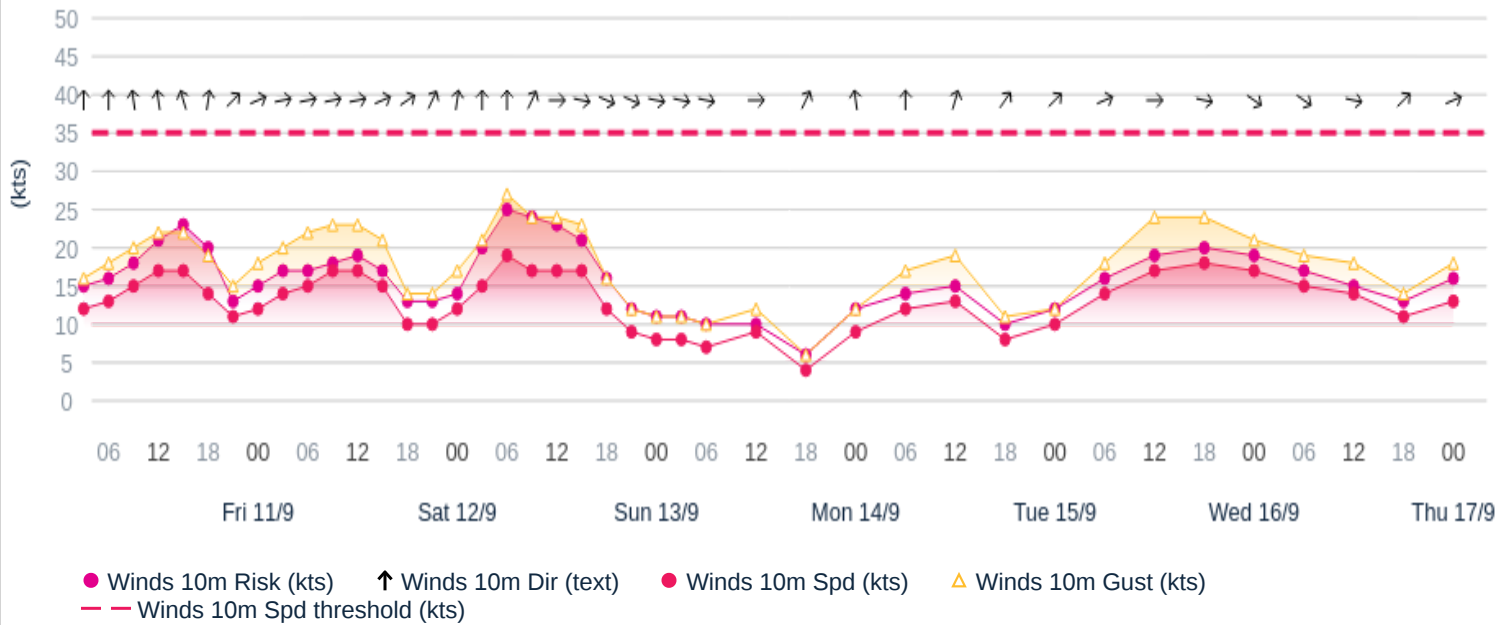
Issued on 10 September 2026, 04:01 UTC

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)
18	WNW	12	16	16	290	16	20	290	18	22	nsw	13	13	12	9	good	76	3500	58	1011
21	WNW	9	12	12	280	13	16	280	15	18	nsw	12	12	12	8	good	77	nlc	57	1013
Sunday 13 September 2026																				
00	W	8	11	11	280	13	16	280	15	18	nsw	12	12	11	8	good	77	3500	61	1014
03	W	8	11	11	280	13	16	280	15	17	nsw	12	12	11	8	good	78	3500	64	1015
06	W	7	10	10	280	12	15	280	14	16	nsw	12	11	11	8	good	79	3500	67	1016
12	W	9	10	12	270	11	14	270	12	15	nsw	13	13	12	8	good	69	nlc	62	1018
18	SSW	4	6	6	220	5	7	220	6	8	dz	13	13	12	9	good	76	3500	68	1019
Monday 14 September 2026																				
00	SSE	9	12	12	170	16	19	170	19	22	ra	13	12	12	10	good	87	nlc	73	1016
06	S	12	14	17	180	18	23	180	21	25	ra	13	13	13	11	good	87	3500	76	1012
12	SSW	13	15	19	210	17	23	210	19	24	ra	15	15	15	12	good	84	3500	76	1011
18	SW	8	10	11	220	13	16	220	14	18	ra	15	14	14	13	md/gd	90	2000	75	1009
Tuesday 15 September 2026																				
00	SW	10	12	12	230	17	20	230	21	23	ra	14	13	13	13	md/gd	95	2000	70	1008
06	WSW	14	16	18	260	21	26	270	24	29	ra	13	13	13	12	md/gd	93	500	76	1006
12	W	17	19	24	270	25	31	270	28	34	shra	14	13	13	11	good	82	1000	56	1009
18	W	18	20	24	280	26	32	280	29	35	shra	13	12	12	10	good	82	1000	62	1011
Wednesday 16 September 2026																				
00	WNW	17	19	21	300	22	28	300	25	30	nsw	12	11	11	9	good	82	2000	61	1014
06	WNW	15	17	19	300	19	25	300	22	27	ra	12	11	11	9	good	82	2000	68	1016
12	W	14	15	18	280	15	20	280	16	20	dz	13	12	12	8	good	73	3500	68	1018
18	SW	11	13	14	240	13	16	250	14	16	ra	13	12	12	9	good	80	3500	71	1017
Thursday 17 September 2026																				
00	WSW	13	16	18	240	15	20	240	16	20	ra	12	12	12	10	good	87	1000	62	1013

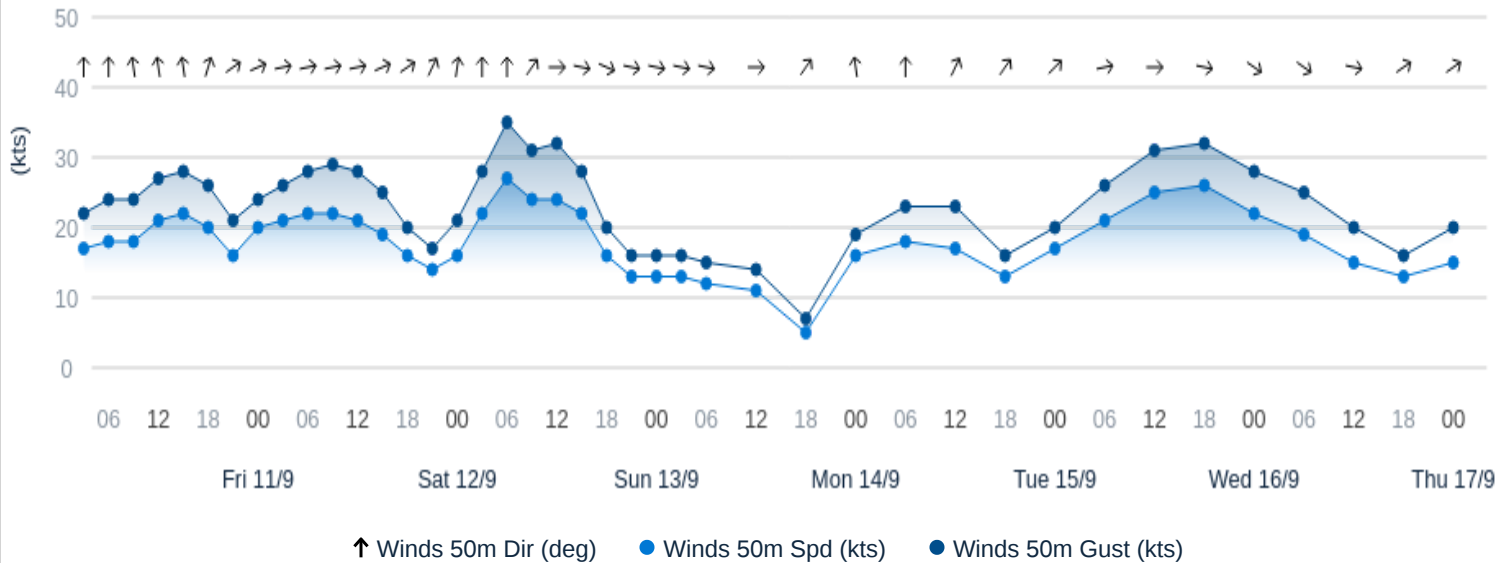
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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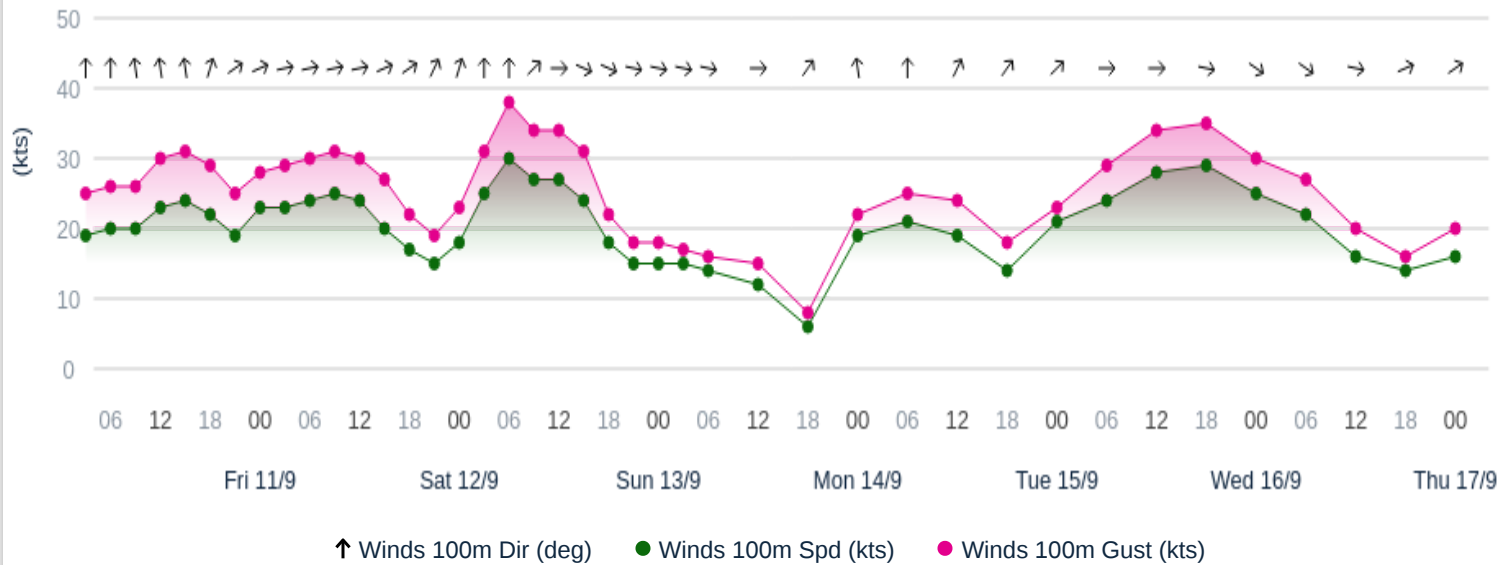
10m Wind Graph - 7 Day Scapa Flow



50m Wind Graph - 7 Day Scapa Flow



100m Wind Graph - 7 Day Scapa Flow



Issued on 10 September 2026, 00:00 UTC | Forecast for 11 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts

