



Single Location Forecast - 7 Day

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

Issued on 30 August 2026, 04:01 UTC

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Meteorological Situation

A large complex low pressure spreading from west of Ireland to Scandinavia will influence conditions across the North Sea region. Today conditions are expected to remain mostly dry with light to moderate winds. On Monday, the Low west of Ireland will move across the UK while another core develops NW of Scotland. As the systems move NE, a front will pass over Scapa Flow with periods of rain and showers and winds reaching up to fresh breeze, risk for strong breeze. Afterwards, the Azores High will build a ridge over the UK and conditions will improve briefly. The ridge will quickly move eastwards and a Low NE of Faroe Islands will push a frontal trough over Scotland on Tuesday. Periods of rain and showers as well as fresh winds, with risk for strong winds should be expected once again. Local conditions next 72 hrs: Wind: variable direction, light increasing to fresh breeze on 1 September (risk of 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	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 30 August 2026																				
03	NE	6	9	8	50	8	10	50	9	11	nsw	12	12	12	11	good	91	1000	79	1005
06	NE	7	10	10	60	10	12	60	11	14	nsw	12	12	11	11	good	90	1000	79	1006
09	ENE	8	10	12	70	11	14	70	12	15	nsw	13	12	12	11	good	87	1000	79	1006
12	E	9	10	12	90	10	14	90	11	15	nsw	13	13	12	11	good	85	1000	77	1006
15	E	10	11	13	90	12	15	100	13	16	dz	13	13	12	11	good	86	1000	75	1006
18	E	10	12	14	100	13	17	100	14	18	nsw	13	13	12	11	good	87	1000	77	1005
21	E	10	12	14	100	14	18	110	16	19	nsw	13	13	12	11	good	90	1000	76	1005
Monday 31 August 2026																				
00	ESE	10	12	15	110	14	19	110	16	20	nsw	13	13	12	12	good	91	1000	75	1004
03	ESE	10	12	13	110	14	18	110	15	19	nsw	13	13	12	12	good	92	1000	76	1004
06	ESE	9	11	13	120	13	17	120	14	18	nsw	13	13	13	12	good	90	1000	76	1004
09	SE	8	11	12	140	11	14	150	12	16	shra	14	14	13	12	good	89	2000	75	1004
12	S	9	13	12	200	12	15	220	14	17	shra	14	14	14	12	good	88	2000	73	1005
15	WSW	12	17	17	260	17	21	260	19	23	shra	14	14	13	12	good	86	2000	75	1006
18	W	13	21	20	270	19	24	280	21	26	nsw	13	13	12	9	good	78	3500	71	1008
21	WSW	10	16	15	260	15	19	260	17	21	nsw	13	13	12	9	good	77	3500	67	1009
Tuesday 01 September 2026																				
00	SW	9	12	13	220	13	17	220	15	18	dz	13	12	12	9	good	79	3500	52	1009
03	SSW	12	17	17	200	16	21	210	18	23	nsw	13	12	12	10	good	85	n/c	69	1007
06	SSW	13	23	19	200	20	25	200	23	28	ra	13	13	12	11	good	87	3500	70	1006
09	SW	15	27	21	220	24	29	220	27	33	shra	14	13	13	11	good	84	2000	56	1005
12	WSW	15	26	21	250	22	28	250	25	31	ra	14	14	13	10	good	80	1000	61	1007
15	W	17	27	22	270	25	30	270	28	33	dz	13	13	12	10	good	78	3500	40	1008



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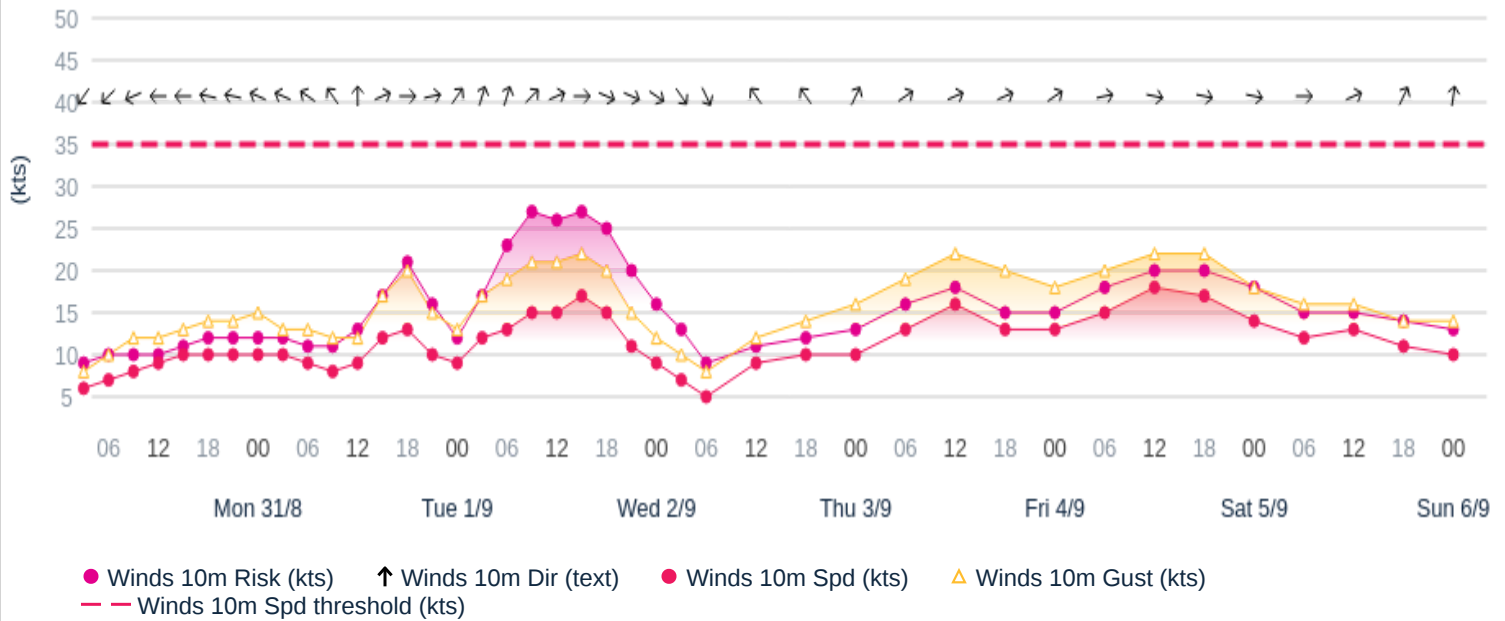
Issued on 30 August 2026, 04:01 UTC

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	15	25	20	290	23	28	290	27	31	dz	13	12	11	9	good	78	2000	42	1010
21	WNW	11	20	15	290	18	21	290	21	24	dz	12	11	11	7	good	75	3500	61	1012
Wednesday 02 September 2026																				
00	WNW	9	16	12	300	13	16	300	15	18	dz	11	11	10	7	good	73	3500	56	1012
03	NW	7	13	10	310	10	12	310	11	13	dz	11	11	10	7	good	74	nlc	58	1012
06	NW	5	9	8	330	6	8	330	6	8	dz	11	11	10	7	good	75	nlc	59	1011
12	SE	9	11	12	140	13	16	130	15	18	ra	13	12	11	10	good	81	1000	76	1007
18	SE	10	12	14	140	15	20	140	18	22	ra	13	13	12	12	md/gd	93	1000	74	1001
Thursday 03 September 2026																				
00	SSW	10	13	16	220	17	23	230	20	26	ra	13	13	13	12	good	92	500	61	999
06	SW	13	16	19	250	21	26	250	24	30	dz	13	13	13	11	good	88	1000	56	997
12	WSW	16	18	22	250	22	29	260	25	31	shra	15	14	14	11	good	80	2000	45	998
18	WSW	13	15	20	250	21	27	250	24	30	ra	14	13	13	12	md/gd	88	3500	68	999
Friday 04 September 2026																				
00	SW	13	15	18	240	18	23	250	20	25	shra	13	12	12	11	good	88	3500	62	999
06	WSW	15	18	20	260	22	26	260	24	29	dz	12	12	11	10	good	83	1000	58	1000
12	W	18	20	22	290	22	27	290	24	28	dz	14	13	13	9	good	76	3500	48	1005
18	W	17	20	22	280	20	25	290	22	26	ra	13	12	12	9	good	80	3500	56	1009
Saturday 05 September 2026																				
00	W	14	18	18	280	16	20	280	17	21	ra	12	12	11	9	good	81	3500	58	1012
06	W	12	15	16	260	13	16	260	13	16	dz	12	11	11	8	good	79	1000	70	1012
12	WSW	13	15	16	220	15	18	190	15	18	ra	13	13	12	9	good	74	nlc	60	1012
18	SSW	11	14	14	180	16	20	140	19	22	ra	13	12	12	10	good	82	1000	64	1010
Sunday 06 September 2026																				
00	S	10	13	14	190	16	19	200	18	21	ra	12	12	12	10	good	87	500	62	1008

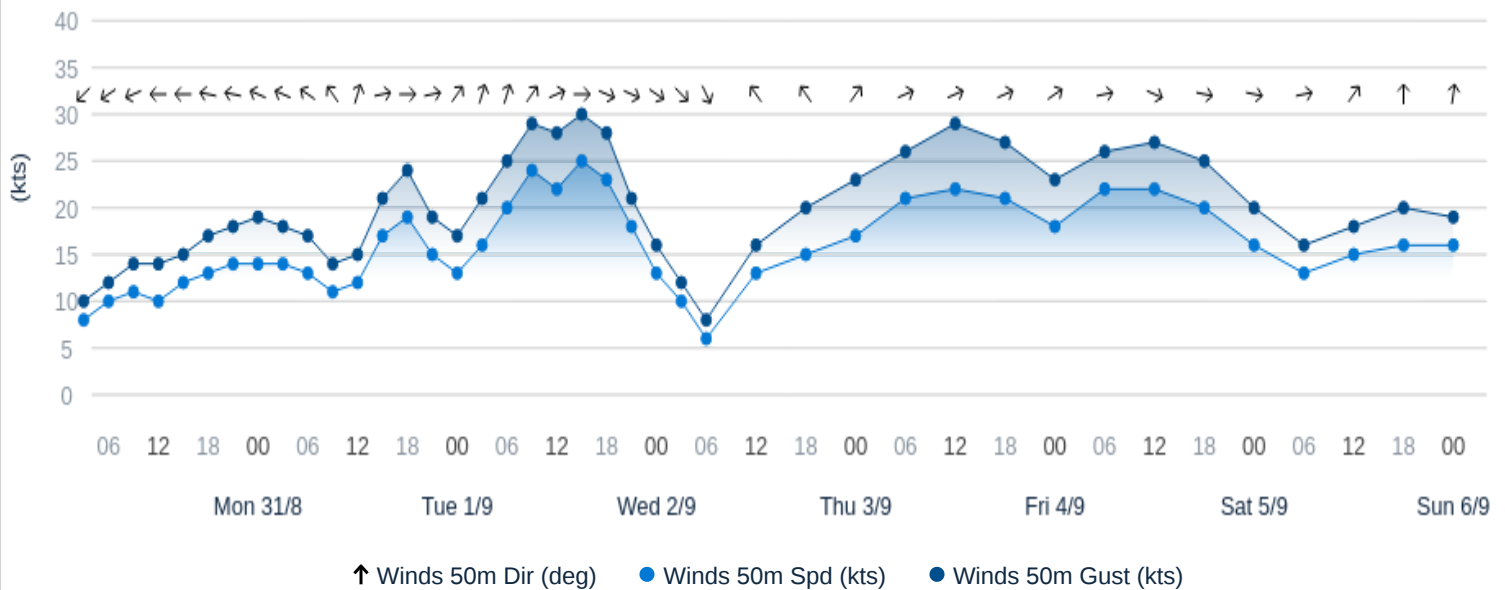
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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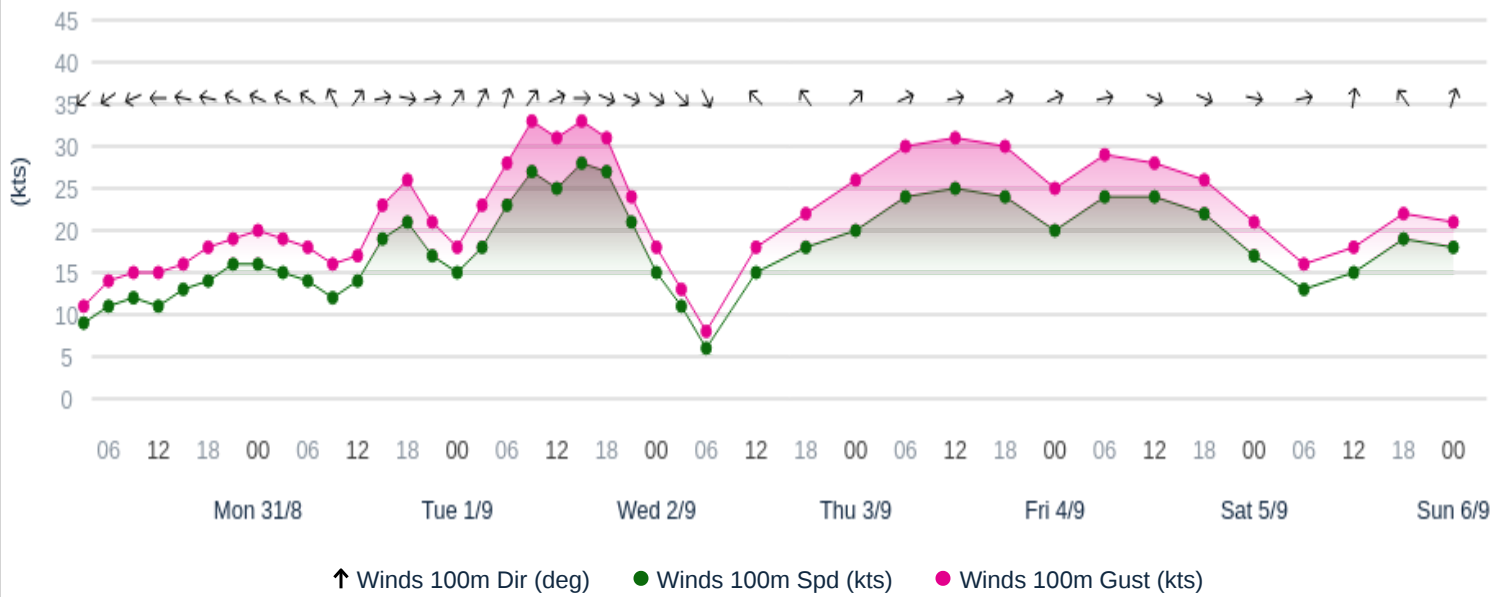
10m Wind Graph - 7 Day Scapa Flow



50m Wind Graph - 7 Day Scapa Flow



100m Wind Graph - 7 Day Scapa Flow



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Issued on 30 August 2026, 00:00 UTC | Forecast for 01 September 2026, 00:00 UTC (+48) | 10m Wind Speed
+ Surface Pressure and Fronts