



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 04 September 2026, 04:01 UTC

Meteorological Situation

Low pressure passes north of Orkney through today and a tightened pressure gradient brings about strong NW-ly winds, particularly with expanding influence of high pressure in England. Winds abate as the high pressure ridge passes over before a front passes with the arrival of a new Atlantic low pressure system on Sunday. Expect a second frontal passage early in the week and winds turning SW-ly. Local conditions next 72 hrs: Wind: S-ly, veering to WNW, moderate, increasing to strong breeze (risk for near gale), and abating to light on 5 September, whilst backing again. 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

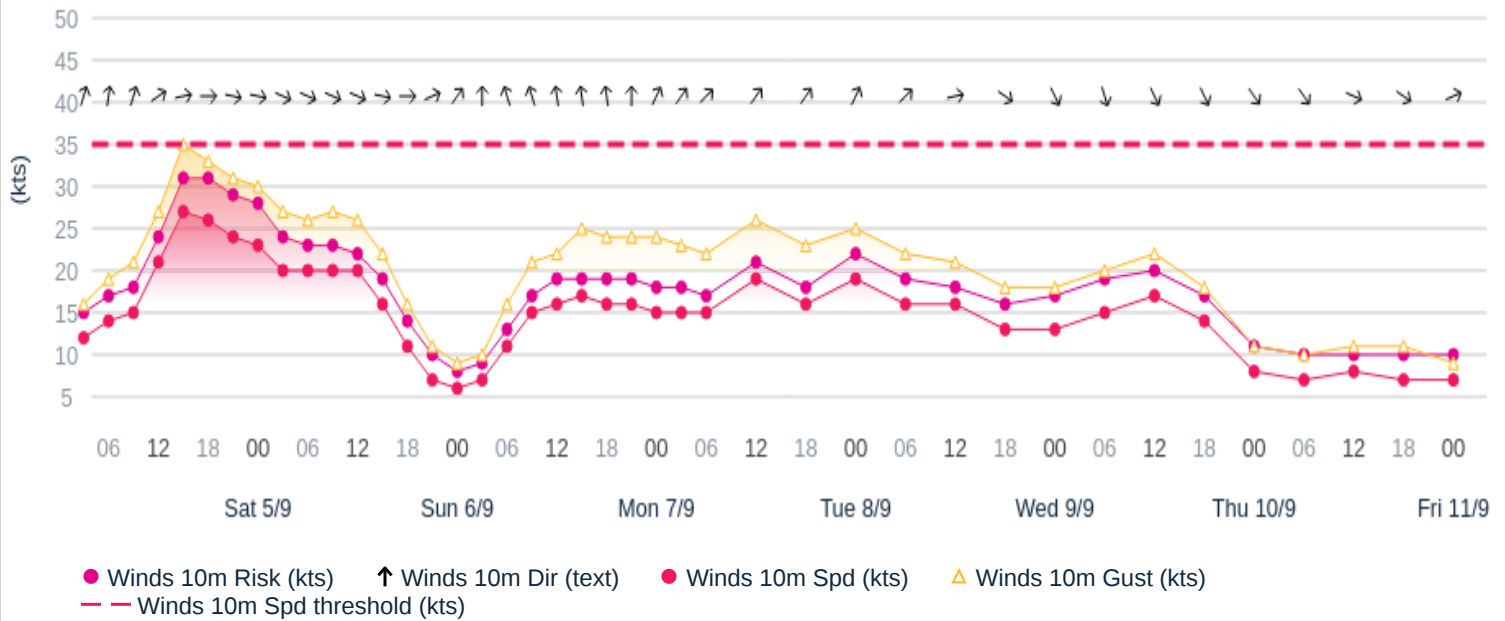
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Friday 04 September 2026																				
03	SSW	12	15	16	210	17	23	210	21	27	nsw	13	13	13	11	good	85	nlc	61	998
06	S	14	17	19	200	20	26	200	23	30	ra	13	13	12	11	good	86	3500	74	996
09	SSW	15	18	21	200	21	27	200	25	32	shra	14	13	13	11	good	85	3500	66	993
12	SW	21	24	27	240	28	36	240	31	39	shra	14	14	13	10	good	75	2000	52	994
15	WSW	27	31	35	260	35	45	260	40	50	ra	14	13	13	11	good	82	2000	68	994
18	W	26	31	33	270	34	44	280	39	49	shra	13	13	12	10	good	83	500	56	997
21	W	24	29	31	280	32	41	280	36	46	ra	13	12	12	10	good	84	3500	48	1000
Saturday 05 September 2026																				
00	W	23	28	30	290	31	39	290	35	45	nsw	13	12	12	10	good	83	2000	48	1003
03	WNW	20	24	27	290	29	37	290	32	41	nsw	13	12	12	10	good	82	2000	35	1006
06	WNW	20	23	26	290	26	34	290	29	37	ra	12	12	11	10	good	84	1000	53	1008
09	WNW	20	23	27	290	26	33	290	28	36	nsw	13	13	12	9	good	77	3500	28	1011
12	WNW	20	22	26	290	24	31	290	26	33	nsw	14	13	13	9	good	71	3500	49	1015
15	W	16	19	22	280	20	26	280	22	29	dz	14	13	13	9	good	74	3500	56	1016
18	W	11	14	16	270	15	20	270	17	23	dz	13	13	13	10	good	80	3500	56	1018
21	WSW	7	10	11	250	11	15	260	13	18	nsw	13	13	13	10	good	83	2000	63	1019
Sunday 06 September 2026																				
00	SW	6	8	9	230	10	14	230	12	16	dz	13	13	12	11	good	86	2000	72	1018
03	S	7	9	10	190	12	16	190	14	19	ra	13	12	12	11	good	89	nlc	78	1017
06	SSE	11	13	16	160	15	19	160	17	20	ra	13	13	12	11	good	90	nlc	79	1015
09	SSE	15	17	21	160	19	24	170	20	26	ra	13	13	13	12	md/gd	92	nlc	79	1013
12	SSE	16	19	22	170	20	26	170	22	28	ra	15	14	14	13	md/gd	90	nlc	79	1011
15	SSE	17	19	25	170	22	30	180	24	32	ra	16	16	16	14	good	90	3500	75	1008
18	SSE	16	19	24	170	23	31	180	27	34	dz	16	16	16	14	good	90	3500	69	1006

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	S	16	19	24	180	23	30	180	26	33	ra	16	16	17	13	good	85	2000	52	1004
Monday 07 September 2026																				
00	SSW	15	18	24	210	23	31	210	27	34	dz	15	16	16	13	good	84	1000	71	1003
03	SW	15	18	23	220	23	30	220	26	33	dz	15	15	15	12	good	82	3500	68	1004
06	SW	15	17	22	230	22	28	240	24	31	dz	14	13	13	10	good	80	nlc	65	1005
12	SW	19	21	26	230	25	32	230	28	35	dz	15	14	14	9	good	69	3500	52	1005
18	SW	16	18	23	230	23	30	230	26	33	nsw	14	13	13	9	good	76	2000	68	1003
Tuesday 08 September 2026																				
00	SSW	19	22	25	220	28	34	230	31	38	shra	12	12	11	10	good	83	1000	66	999
06	SW	16	19	22	250	25	31	260	29	35	shra	12	11	11	9	good	82	3500	56	997
12	WSW	16	18	21	270	22	27	270	25	30	ra	13	13	12	9	good	75	1000	56	998
18	WNW	13	16	18	290	19	23	280	21	26	shra	12	12	11	10	good	84	1000	60	998
Wednesday 09 September 2026																				
00	NW	13	17	18	320	19	23	310	21	25	shra	12	12	11	10	good	85	2000	45	1000
06	NNW	15	19	20	330	20	25	330	23	27	ra	12	12	11	9	good	83	3500	29	1003
12	NW	17	20	22	330	21	25	330	23	27	dz	13	13	12	9	good	77	2000	44	1006
18	NW	14	17	18	330	17	20	330	18	22	dz	12	12	11	8	good	76	3500	34	1008
Thursday 10 September 2026																				
00	NW	8	11	11	330	10	12	330	10	13	dz	12	11	11	7	good	74	3500	38	1008
06	NW	7	10	10	330	8	11	330	9	12	dz	11	11	10	7	good	76	3500	47	1008
12	WNW	8	10	11	210	9	11	130	9	11	dz	13	12	11	7	good	70	3500	56	1007
18	WNW	7	10	11	310	9	12	310	9	13	ra	12	12	11	8	good	76	3500	62	1007
Friday 11 September 2026																				
00	WSW	7	10	9	270	10	12	300	11	13	ra	12	12	11	9	good	82	3500	43	1007

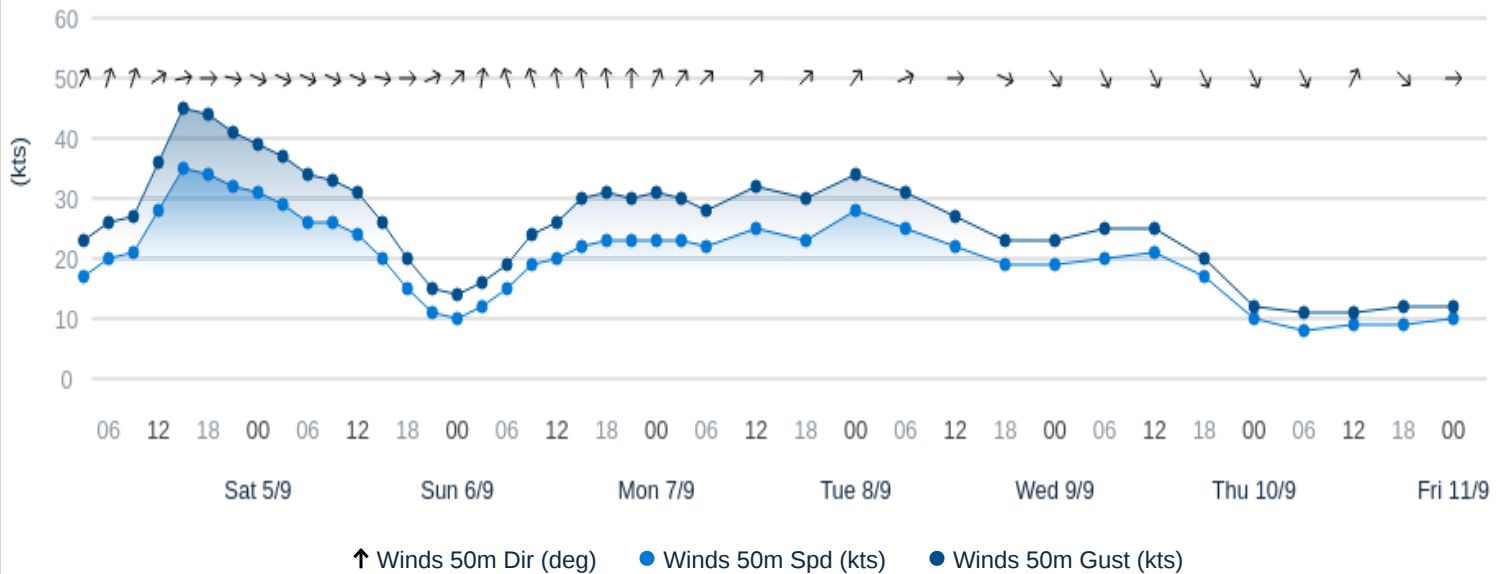
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

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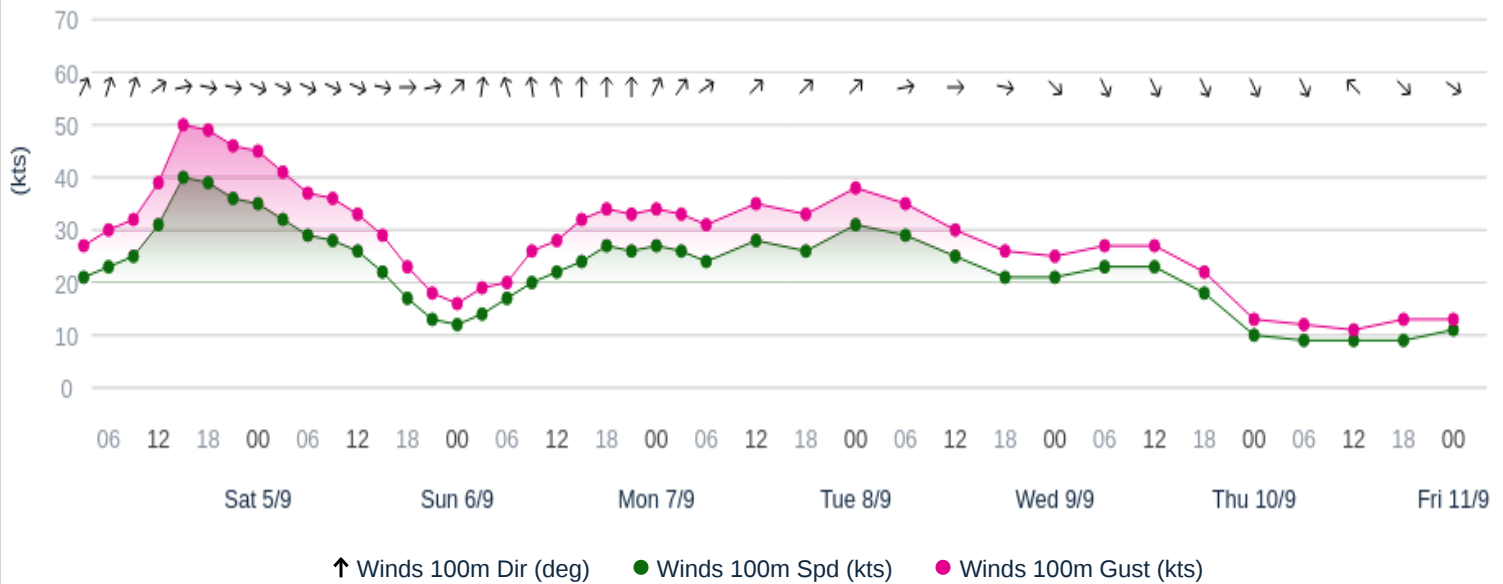
10m Wind Graph - 7 Day Scapa Flow



50m Wind Graph - 7 Day Scapa Flow



100m Wind Graph - 7 Day Scapa Flow



Issued on 04 September 2026, 00:00 UTC | Forecast for 05 September 2026, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts

