



Single Location Forecast - 7 Day

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

Issued on 16 August 2026, 04:01 UTC

offshore@dtn.com
+31 (0)30 8082022 (Utrecht office)
+44 (0)1224 042444 (Aberdeen office)
www.meteogroupoffshore.com

Meteorological Situation

A shallow low approaches the Hebrides whilst filling, pushing some showery rain over Orkney this morning. The pressure gradient becomes slack over Orkney this afternoon with largely dry conditions. On Monday, a weak ridge builds SSE, whilst a deeper low approaches NW Scotland from the Atlantic. The ridge retreats north as the low drives a front eastwards from Monday night, with increased winds. The front then stalls over Orkney on Tuesday with the winds easing. Local conditions next 72 hrs: Wind: variable direction, moderate or fresh breeze. Sea temperature: 14-15C.

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 16 August 2026																				
03	W	9	11	13	280	13	17	280	15	18	ra	13	13	12	12	good	93	500	79	1016
06	W	9	11	12	280	13	16	280	15	18	ra	13	13	12	12	good	92	2000	78	1016
09	WNW	8	10	11	290	11	14	280	12	15	ra	13	13	13	12	good	89	1000	78	1016
12	WNW	8	10	12	290	10	14	290	12	15	nsw	14	14	13	11	good	84	1000	72	1016
15	WNW	6	8	9	300	9	11	300	9	12	nsw	14	14	13	11	good	82	1000	67	1016
18	N	4	5	6	340	6	8	330	6	9	nsw	14	13	13	11	good	84	1000	66	1016
21	NNE	2	3	4	10	3	5	350	4	6	dz	13	12	12	11	good	90	1000	61	1017
Monday 17 August 2026																				
00	NNE	3	4	5	20	4	7	10	4	7	dz	12	12	12	11	good	90	2000	63	1017
03	NE	3	5	5	30	5	8	20	6	9	dz	12	12	12	10	good	89	3500	64	1017
06	NE	4	8	7	50	5	8	50	5	8	nsw	12	12	11	10	good	86	1000	65	1017
09	ENE	5	8	8	70	6	9	60	6	9	nsw	13	12	12	9	good	79	1000	73	1018
12	E	7	11	10	80	8	12	80	9	13	nsw	13	12	12	9	good	77	1000	68	1018
15	E	9	14	13	100	10	14	100	11	15	nsw	13	12	12	9	good	78	1000	73	1017
18	ESE	10	16	14	110	12	16	110	13	18	dz	13	12	12	9	good	80	1000	76	1015
21	ESE	13	19	18	120	17	22	120	18	24	ra	12	12	11	10	good	86	1000	78	1013
Tuesday 18 August 2026																				
00	ESE	15	21	20	120	20	26	120	21	28	ra	13	12	12	11	mod	90	1000	79	1011
03	ESE	17	24	22	120	22	28	120	24	31	ra	13	12	12	12	md/gd	94	1000	79	1008
06	ESE	18	25	24	110	24	31	110	26	33	ra	13	12	12	12	mod	93	1000	79	1006
09	ESE	17	25	22	110	23	30	120	25	32	ra	13	13	12	12	mod	90	500	79	1005
12	ESE	14	22	19	120	17	23	120	19	25	ra	14	13	13	12	md/gd	89	1000	79	1004
15	ESE	11	18	15	100	12	17	100	12	17	ra	14	13	13	12	md/gd	88	1000	78	1004
18	E	10	15	14	100	12	17	110	15	20	ra	13	13	13	12	good	89	1000	78	1003

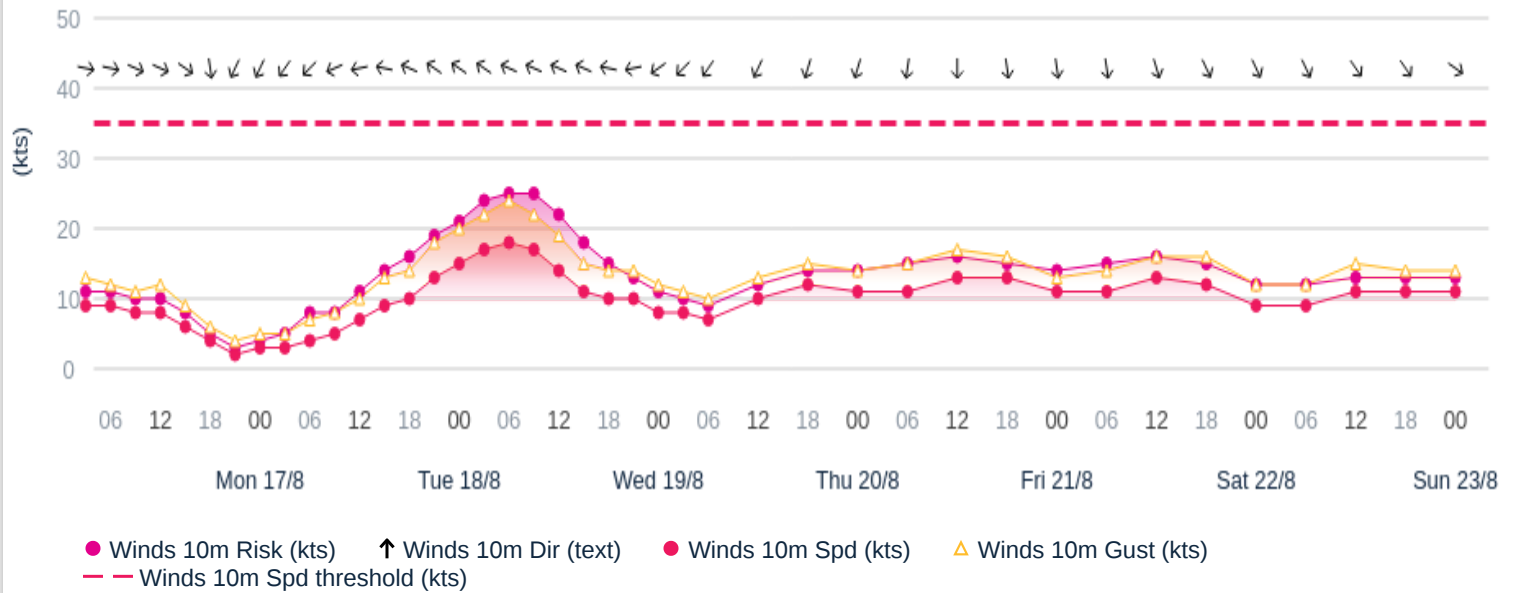
Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
21	E	10	13	14	90	16	21	90	18	23	ra	13	12	12	11	md/gd	91	1000	78	1003
Wednesday 19 August 2026																				
00	ENE	8	11	12	70	14	18	70	16	21	ra	13	12	12	11	good	88	1000	78	1003
03	NE	8	10	11	50	13	17	50	15	20	ra	13	12	12	10	good	86	3500	76	1003
06	NE	7	9	10	40	11	15	30	13	18	ra	12	12	12	10	good	84	nlc	73	1003
12	NNE	10	12	13	40	10	13	50	10	13	nsw	13	13	13	10	good	82	1000	76	1004
18	NNE	12	14	15	30	12	15	40	13	16	dz	13	13	12	9	good	80	2000	74	1006
Thursday 20 August 2026																				
00	NNE	11	14	14	20	13	16	20	14	17	dz	12	12	11	9	good	81	2000	73	1008
06	N	11	15	15	0	13	17	0	14	18	nsw	12	11	11	8	good	78	2000	66	1009
12	N	13	16	17	0	14	18	10	15	19	nsw	13	12	12	8	good	73	2000	65	1012
18	N	13	15	16	0	14	17	0	15	18	nsw	12	12	11	9	good	78	2000	71	1013
Friday 21 August 2026																				
00	N	11	14	13	350	13	15	350	13	16	nsw	12	11	11	8	good	79	2000	64	1015
06	N	11	15	14	350	14	16	350	15	17	nsw	11	11	10	8	good	79	1000	48	1015
12	NNW	13	16	16	340	14	17	350	14	18	nsw	13	12	11	8	good	72	2000	55	1017
18	NW	12	15	16	330	14	17	340	14	18	nsw	12	12	11	9	good	78	3500	54	1017
Saturday 22 August 2026																				
00	NW	9	12	12	320	13	16	320	15	17	nsw	12	11	11	9	good	82	3500	56	1017
06	NW	9	12	12	320	13	17	310	16	18	nsw	12	11	11	8	good	81	3500	58	1017
12	NW	11	13	15	310	14	17	310	15	18	nsw	13	13	12	8	good	73	3500	72	1018
18	NW	11	13	14	320	13	16	330	14	17	nsw	13	12	12	9	good	79	nlc	75	1019
Sunday 23 August 2026																				
00	WNW	11	13	14	310	15	18	310	17	20	nsw	12	12	12	10	good	85	2000	56	1019

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

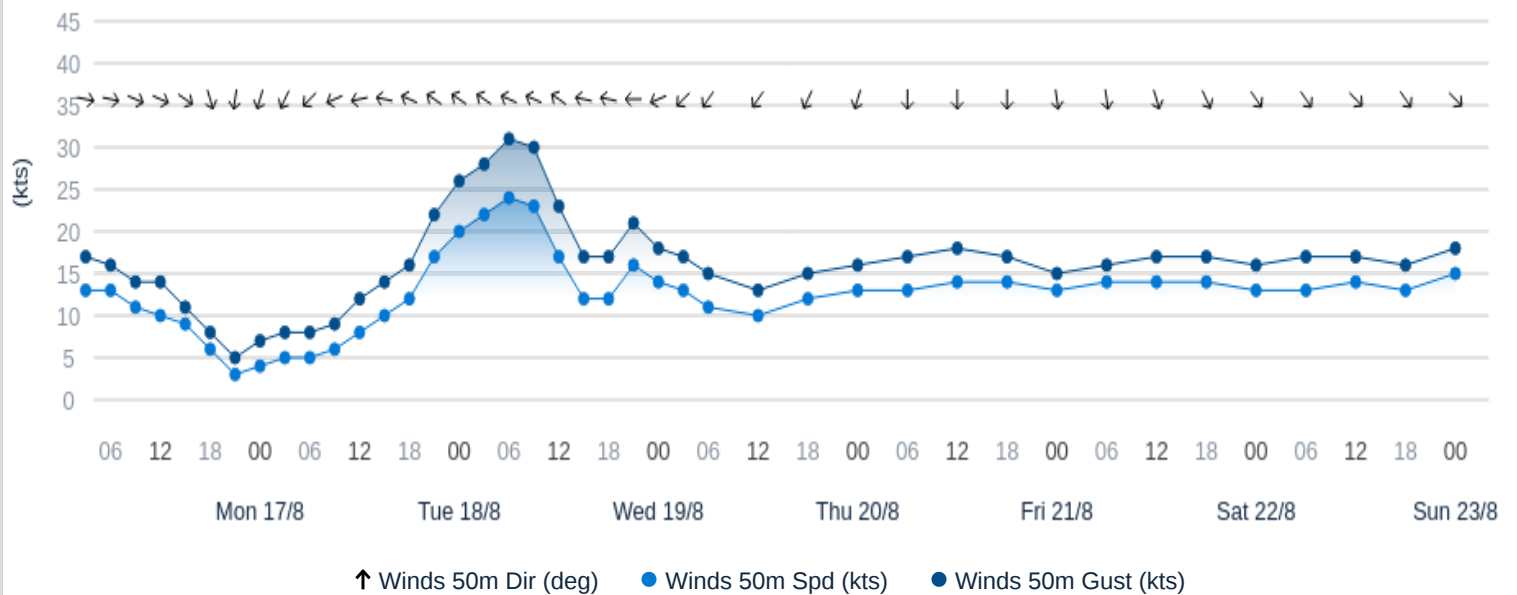
Copyright 2026© DTN

Issued on 16 August 2026, 04:01 UTC

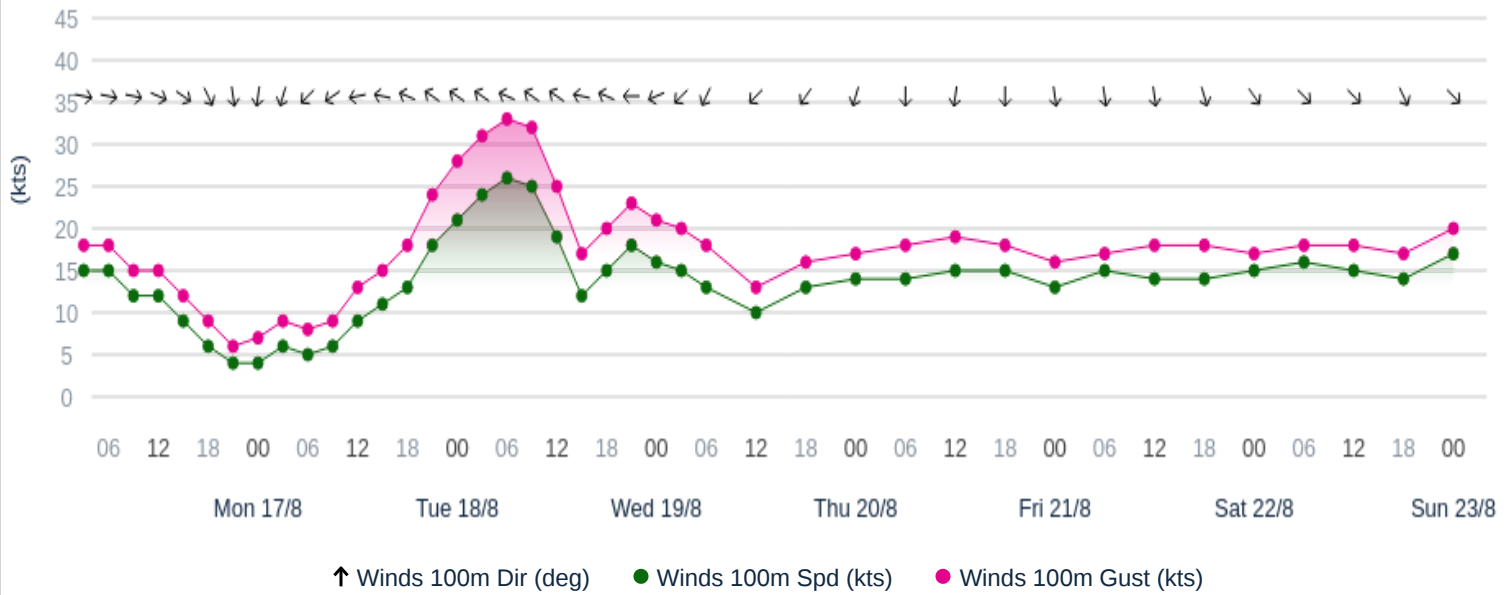
10m Wind Graph - 7 Day Scapa Flow



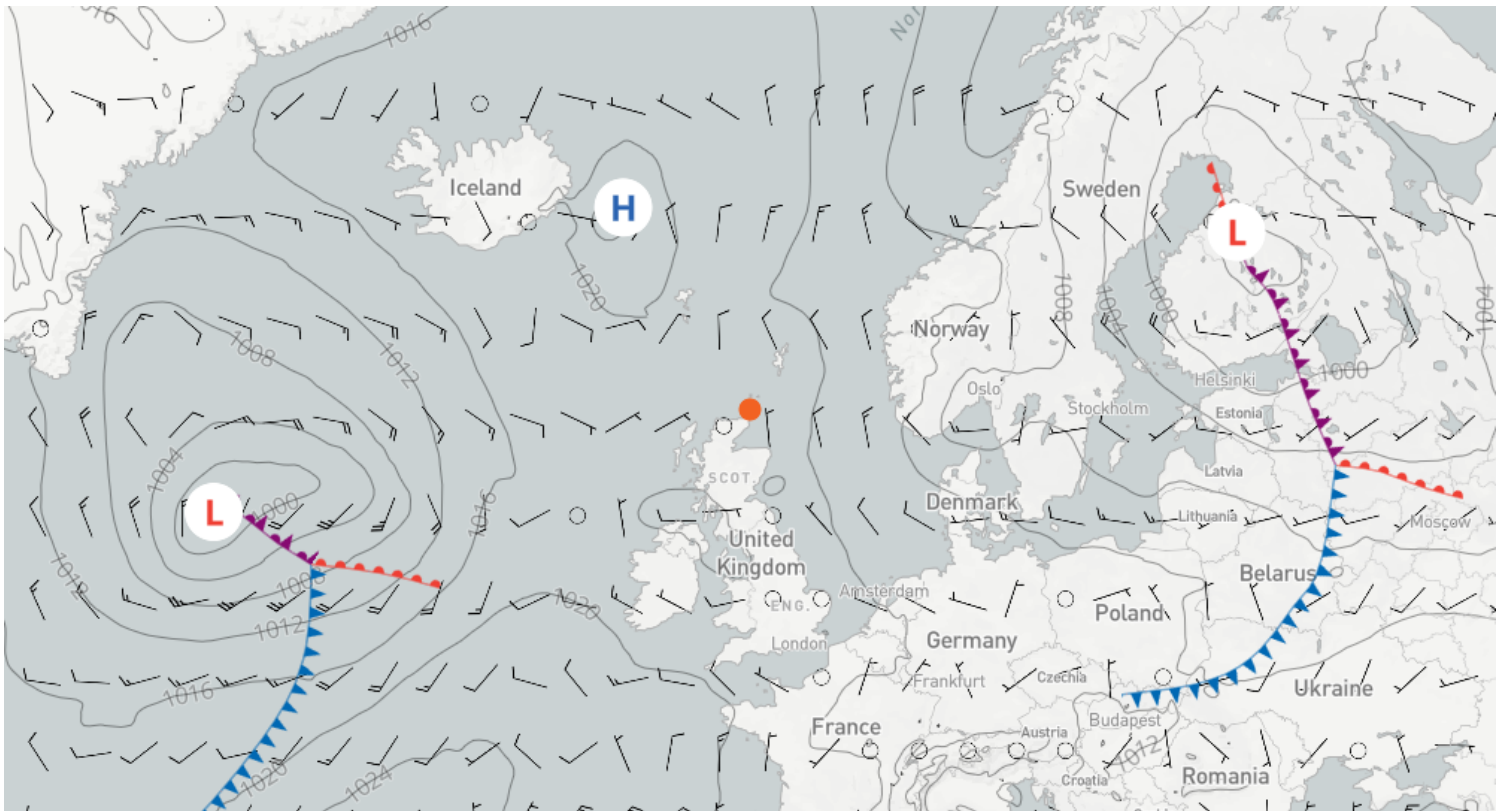
50m Wind Graph - 7 Day Scapa Flow



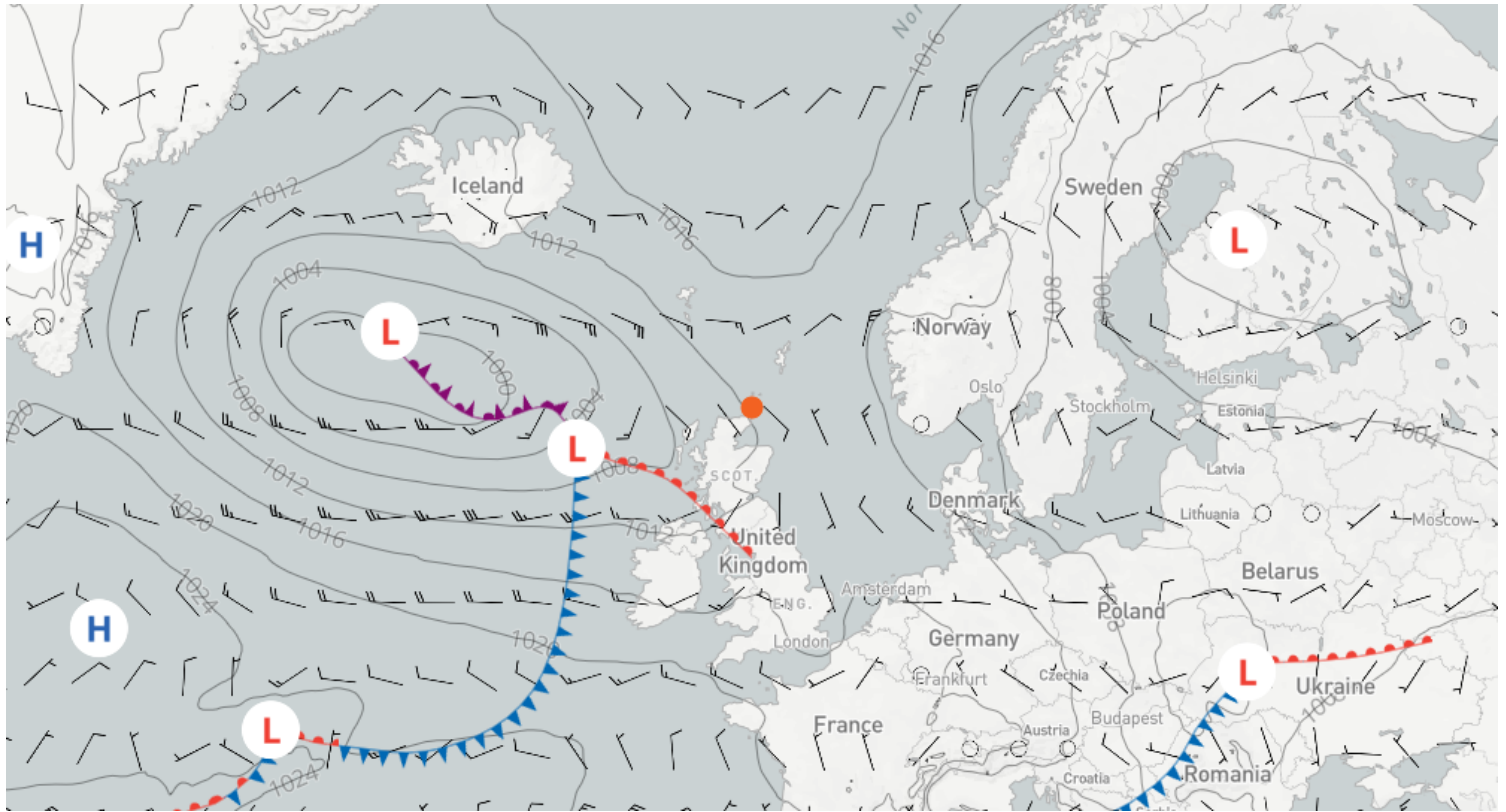
100m Wind Graph - 7 Day Scapa Flow



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



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



page intentionally left blank