Single Location Forecast - 7 Day

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

Issued on 24 November 2026, 14:01 UTC

offshore@dtn.com
+31 (0)30 8082022 (Utrecht office)
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Meteorological Situation

A complex, elongated area of low pressure stretching from Iceland south to the Bay of Biscay interacts with a blocking area of high pressure over Scandinavia, driving persistent strong SSE winds. A frontal trough moves in from the SW this evening, with a separate low centre forming over the Hebrides. The low/trough gradually fill while clearing north through tomorrow with winds easing briefly astern. The pressure gradient then tightens again on Thursday and especially into Friday, as a deeper low approaches from the North Atlantic and interacts with the high pressure over Scandinavia. This leads to potentially gale force winds Thursday night. Local conditions next 72 hrs: Wind: SSE-ly, strong breeze (risk of near gale), abating to moderate on 27 November. Sea temperature: 10-11C.

Warnings (next 24 Hours)

Gale	Wind Shear	Lightning Risk	Confidence
Nil	Nil	Low	Low

Criteria Levels

Winds 10m Spd
35 kts

	Winds										Weather									
	10m				50m			100m			Type	Air						Cloud		MSLP
UTC	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)
Tuesday 24 November 2026																				
12	SSE	30	33	38	150	40	51	150	46	58	nsw	8	8	7	3	good	69	3500	77	1017
15	SSE	30	33	38	150	40	50	150	44	55	nsw	8	8	7	4	good	75	3500	78	1016
18	SSE	27	30	35	150	36	46	150	40	50	ra	8	8	7	5	good	79	3500	78	1016
21	SSE	26	29	33	150	35	44	150	38	48	ra	8	7	7	5	good	82	2000	79	1017
Wednesday 25 November 2026																				
00	SSE	26	29	35	150	35	45	150	39	49	ra	8	7	6	5	good	83	2000	79	1017
03	SSE	25	28	34	150	34	44	150	38	47	ra	7	7	6	5	good	83	2000	79	1017
06	SSE	22	25	31	160	32	41	160	36	45	ra	7	7	6	5	md/gd	86	2000	79	1017
09	SSE	21	25	29	160	29	38	160	33	41	ra	7	7	6	5	md/gd	86	1000	79	1019
12	SSE	20	23	28	160	28	36	160	32	40	ra	7	7	6	5	good	85	2000	79	1020
15	SSE	19	22	26	170	26	33	170	29	36	ra	7	6	6	5	good	85	2000	79	1020
18	SSE	17	20	23	170	23	30	170	26	32	shra	7	7	6	5	good	84	2000	78	1021
21	SSE	17	20	23	170	23	29	170	25	31	shra	7	7	6	5	good	84	2000	75	1022
Thursday 26 November 2026																				
00	SSE	18	21	24	170	24	30	170	26	33	shra	7	7	6	4	good	81	2000	64	1021
03	SSE	20	24	27	170	26	33	170	29	36	shra	7	7	6	4	good	80	2000	64	1021
06	SSE	19	24	26	160	27	33	160	30	37	shra	7	7	6	4	good	79	2000	57	1020
09	SSE	22	27	29	160	29	36	160	32	39	nsw	7	7	6	3	good	75	3500	62	1019
12	SSE	25	32	34	160	32	42	160	36	45	nsw	8	7	6	3	good	74	3500	69	1017
15	SSE	28	36	38	160	36	46	160	39	49	nsw	7	7	6	3	good	74	3500	73	1015
18	SSE	30	38	42	160	39	51	160	43	55	nsw	7	7	6	4	good	78	3500	75	1012
21	SSE	32	41	44	160	41	53	160	45	57	dz	7	7	6	3	good	76	3500	77	1011
Friday 27 November 2026																				

DTN

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	Winds										Weather									
	10m				50m			100m			Type	Air						Cloud		MSLP
UTC	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)
00	SSE	32	42	45	160	42	54	160	46	58	dz	7	7	6	4	good	77	3500	78	1009
03	SSE	32	41	43	170	42	53	160	47	58	ra	7	6	5	4	md/gd	80	2000	79	1008
06	SSE	27	37	36	170	39	48	170	45	53	ra	6	5	5	4	mod	87	1000	79	1008
09	S	22	30	28	180	34	39	170	39	44	ra	6	6	5	4	good	86	1000	78	1010
12	S	18	23	22	180	29	33	180	34	38	ra	7	6	5	4	good	85	500	69	1012
18	S	10	14	13	180	19	21	180	22	24	ra	7	6	5	5	good	87	2000	55	1015
Saturday 28 November 2026																				
00	SSE	11	14	14	170	17	20	170	20	23	nsw	7	6	6	4	good	86	2000	64	1017
06	SSE	15	18	18	170	24	27	170	27	30	nsw	7	6	5	4	good	84	1000	58	1016
12	SSE	19	22	24	170	29	34	170	33	38	dz	8	7	6	4	good	79	2000	67	1014
18	SSE	18	21	23	170	28	33	170	33	38	dz	8	7	6	5	good	85	2000	71	1012
Sunday 29 November 2026																				
00	SSE	17	21	22	170	25	30	170	28	33	ra	8	7	6	5	good	86	2000	65	1010
06	SSE	14	17	18	170	22	26	170	25	29	ra	7	7	6	5	good	89	2000	64	1008
12	S	15	18	20	180	24	27	180	27	31	ra	8	7	6	5	good	84	nlc	64	1009
18	S	15	18	19	180	23	27	180	27	31	ra	8	7	7	5	good	85	2000	59	1010
Monday 30 November 2026																				
00	S	16	18	21	180	23	28	180	27	32	ra	8	7	6	5	good	82	nlc	53	1011
06	SSE	13	17	18	170	24	28	170	29	33	ra	8	7	7	5	good	85	3500	66	1011
12	SSE	17	20	22	170	25	30	170	29	34	ra	9	8	8	6	good	82	nlc	70	1011
18	SSE	16	19	21	180	23	28	180	26	30	ra	9	9	8	7	good	87	nlc	63	1011
Tuesday 01 December 2026																				
00	SSE	17	19	20	180	24	28	180	27	31	ra	9	9	8	7	good	88	3500	70	1014
06	S	13	16	16	180	22	25	180	26	29	ra	9	8	8	7	good	91	nlc	69	1015

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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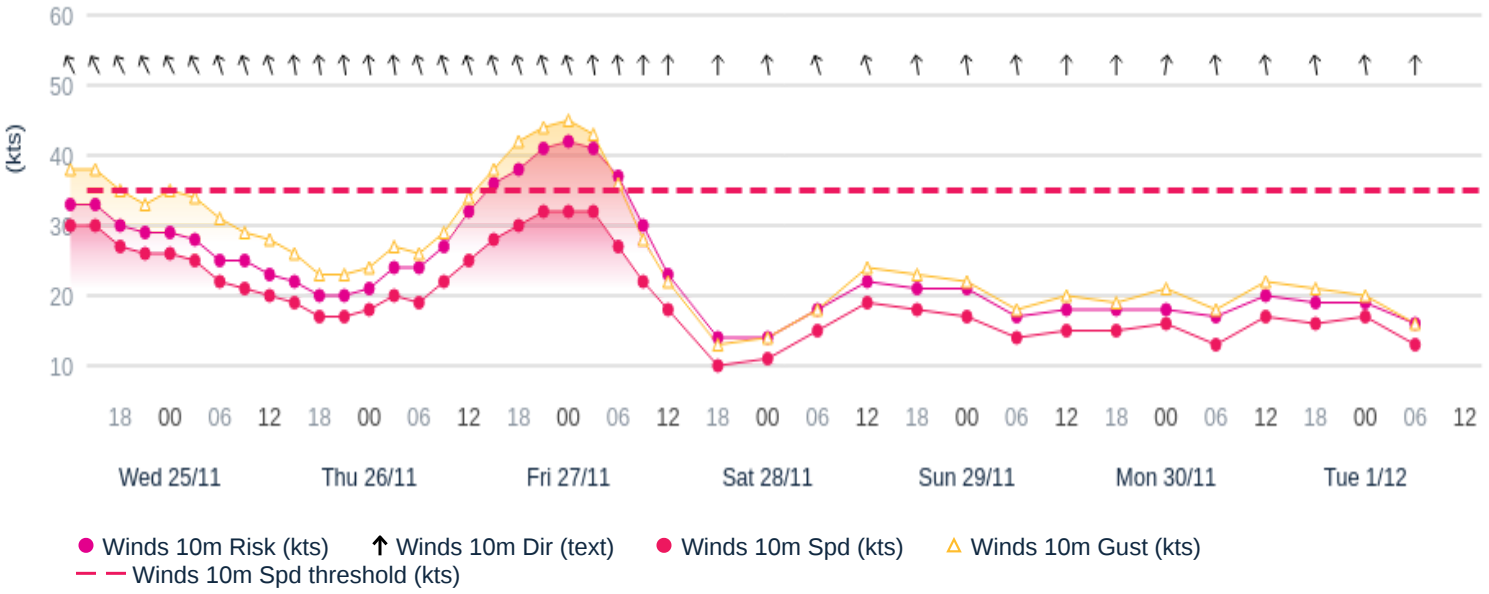
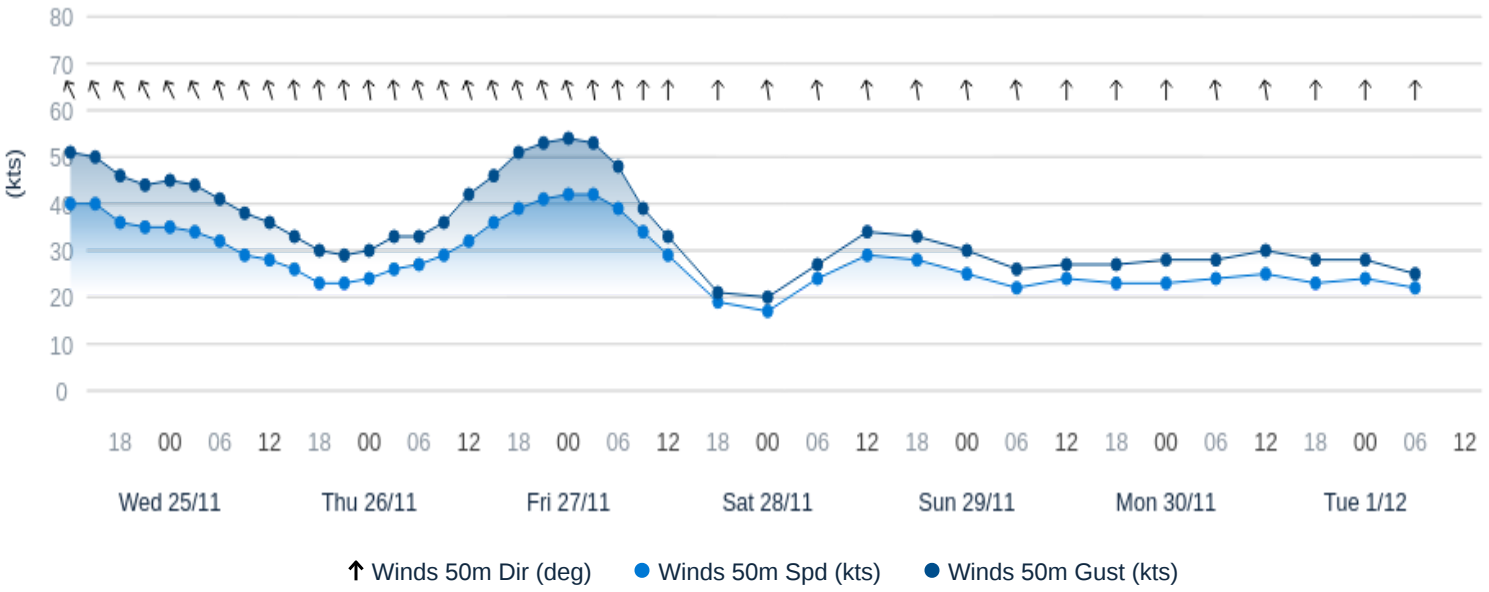
10m Wind Graph - 7 Day **Scapa Flow**



50m Wind Graph - 7 Day **Scapa Flow**



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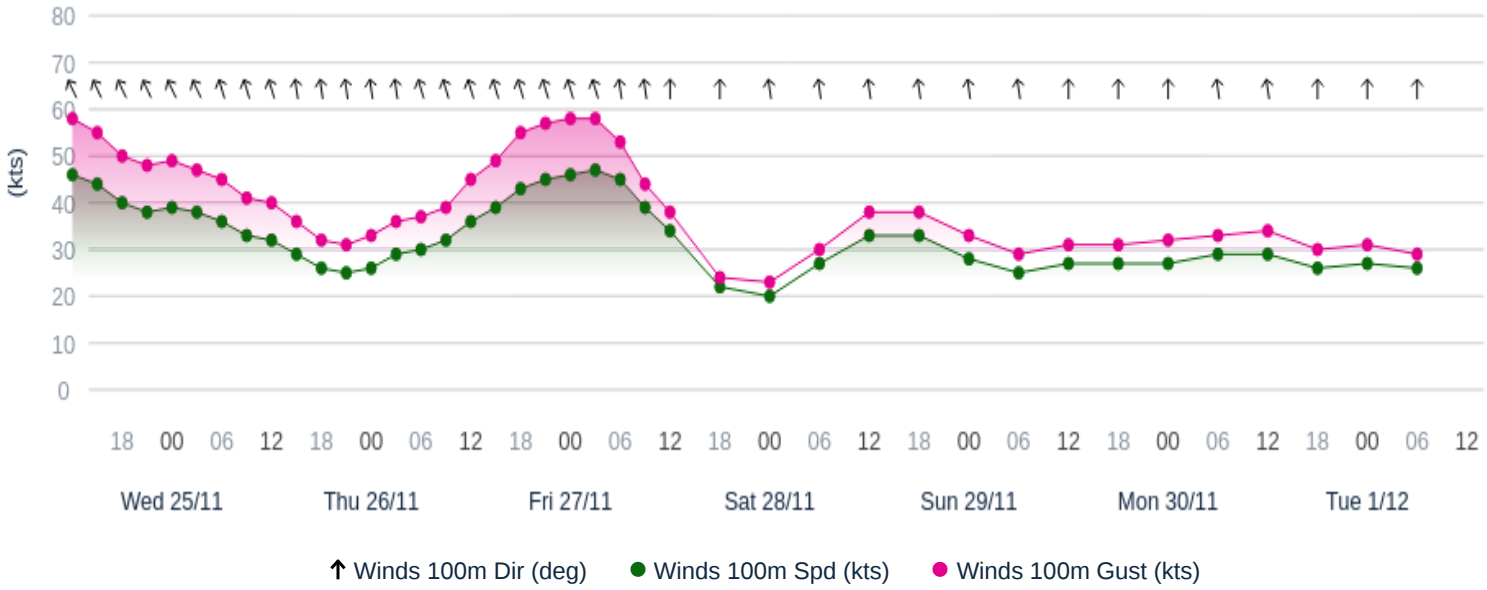
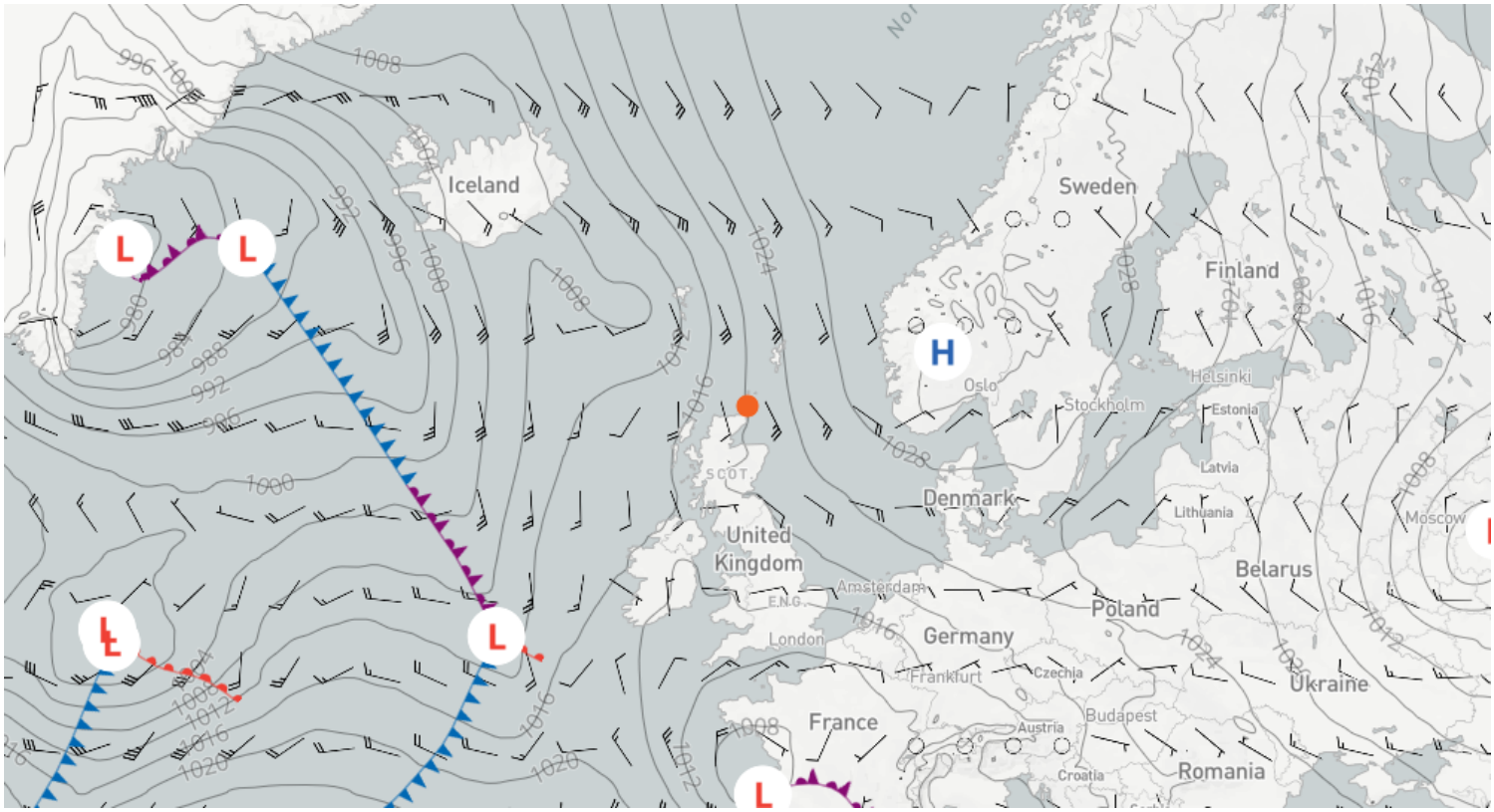
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 24 November 2026, 12:00 UTC | Forecast for 25 November 2026, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



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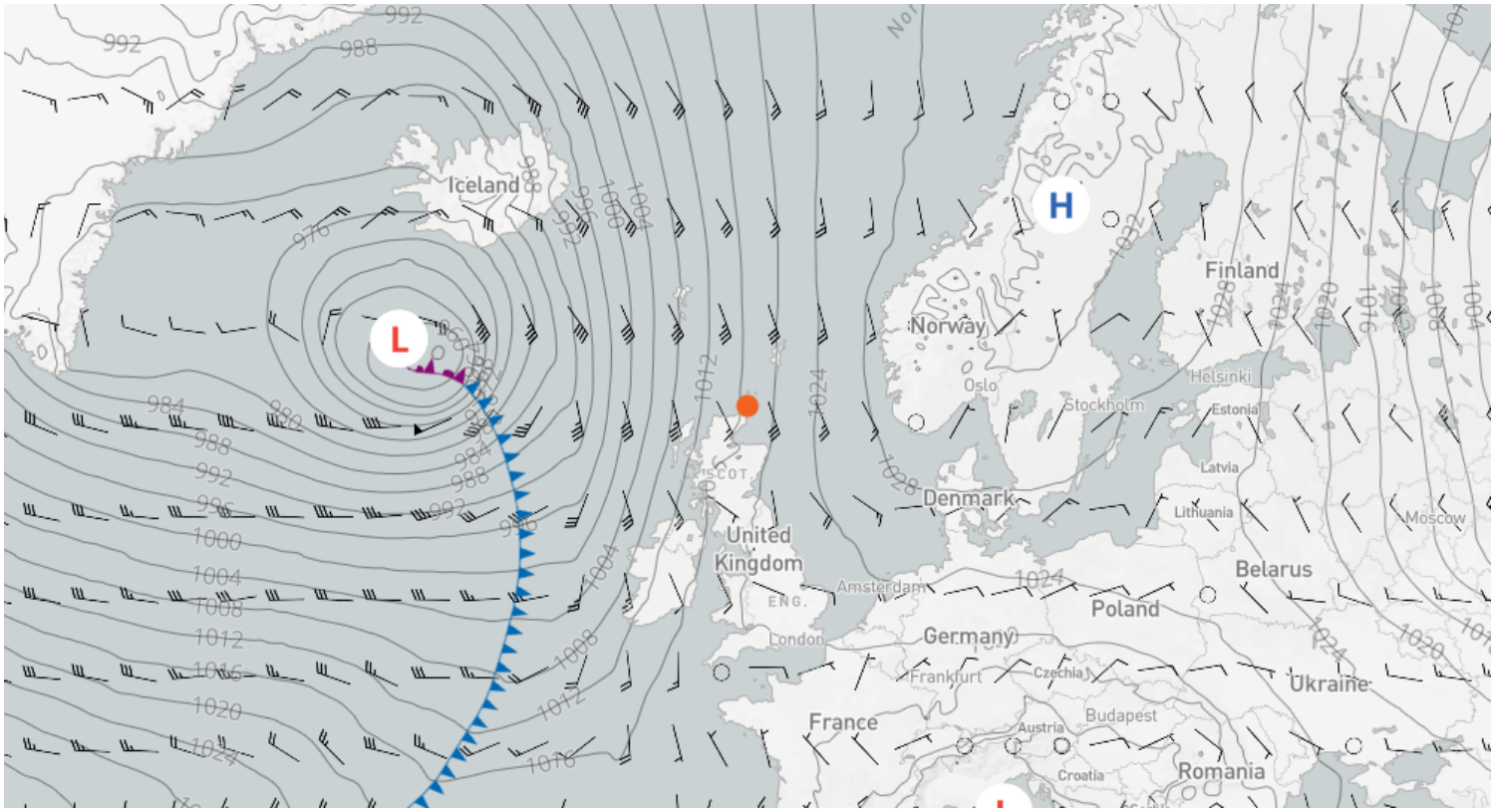
Issued on 24 November 2026, 12:00 UTC | Forecast for 26 November 2026, 12:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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