Single Location Forecast - 7 Day

Scapa Flow (58º53'N 003º02'W)
Scapa Flow
Orkney Harbour DTNO_REF_19049545

Issued on 02 July 2025, 04:01 UTC

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

A weak mobile ridge will move across Orkney today. Early Thursday, a frontal trough will follow, bringing some showery outbreaks. On Friday, a low-pressure system situated to the southwest of Iceland will begin to influence the region, with an associated frontal system bringing spells of rain during the day. Over the weekend, the low is expected to cross the area, resulting in further showers at times. Local conditions next 72 hrs: Wind: SSW-ly, light, increasing to moderate on 3 July 12 UTC. Sea temperature: 12-13C.

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)
Wednesday 02 July 2025																				
03	SSW	3	6	5	210	6	9	220	7	10	nsw	11	11	11	10	good	90	nlc	48	1018
06	SSW	4	7	7	210	4	7	220	5	8	ra	12	11	11	10	good	87	3500	55	1018
09	SSW	6	9	9	220	6	9	240	7	10	nsw	13	12	12	10	good	81	1000	58	1018
12	SW	6	9	9	240	6	9	250	7	10	nsw	13	13	12	9	good	76	2000	58	1018
15	SW	7	10	10	250	8	12	260	8	11	nsw	13	13	12	9	good	73	3500	60	1018
18	WSW	7	10	10	260	9	13	270	11	15	nsw	13	12	12	9	good	77	2000	38	1018
21	WSW	7	10	10	260	11	15	260	12	16	nsw	12	11	11	9	good	83	nlc	13	1019
Thursday 03 July 2025																				
00	WSW	8	11	12	260	13	18	270	15	20	nsw	11	11	11	9	good	86	nlc	15	1020
03	WSW	8	11	12	250	14	19	260	15	20	dz	11	11	10	9	good	87	nlc	14	1019
06	SW	9	12	13	220	11	15	230	11	15	nsw	12	11	11	9	good	84	nlc	16	1020
09	S	12	15	16	190	14	19	190	14	19	ra	13	12	12	9	good	80	nlc	73	1020
12	S	13	16	18	190	17	22	190	18	24	ra	13	13	12	10	good	82	2000	73	1019
15	SW	10	13	14	220	12	16	220	12	16	shra	14	14	13	11	good	82	2000	60	1018
18	SW	8	11	12	230	13	18	240	14	19	shra	13	13	13	11	good	84	2000	64	1018
21	SW	8	11	12	230	14	19	240	16	21	ra	12	12	12	11	good	88	1000	60	1018
Friday 04 July 2025																				
00	SW	9	12	13	230	15	20	240	18	24	ra	12	12	12	10	good	89	1000	44	1017
03	SSW	9	12	13	220	14	19	230	16	21	ra	12	12	11	10	good	88	2000	63	1016
06	SSW	11	14	16	200	15	20	200	17	22	ra	12	12	11	11	md/gd	91	2000	78	1015
09	SSW	13	16	18	200	16	21	200	17	22	ra	13	12	12	11	md/gd	88	3500	79	1013
12	S	17	20	22	180	21	27	180	24	31	ra	13	13	12	11	mod	87	3500	79	1011
15	S	16	19	21	190	21	27	200	25	32	ra	14	14	13	12	md/gd	87	2000	80	1007
18	SSW	12	15	16	220	17	23	230	20	26	ra	14	14	14	12	mod	92	1000	80	1005

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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)
21	SW	10	13	14	230	17	22	240	20	26	ra	13	13	13	12	md/gd	94	1000	80	1004
Saturday 05 July 2025																				
00	SW	11	14	15	240	18	24	250	21	27	ra	13	13	13	12	md/gd	93	1000	80	1003
03	SW	12	15	17	240	18	24	250	21	27	ra	13	13	12	12	md/gd	92	1000	79	1002
06	SW	13	16	18	250	18	24	250	20	26	ra	13	13	12	11	good	91	1000	78	1002
12	WSW	12	15	16	250	14	19	250	15	19	nsw	14	14	13	12	good	86	1000	77	1001
18	SW	6	9	9	220	9	12	210	10	14	ra	13	13	13	12	good	90	1000	77	999
Sunday 06 July 2025																				
00	W	6	9	9	280	12	16	290	14	19	ra	12	12	12	11	good	93	2000	77	998
06	WNW	10	13	14	290	13	17	300	15	20	ra	12	12	12	11	good	94	500	77	997
12	WNW	11	14	15	310	13	18	310	14	19	ra	13	13	13	11	good	86	1000	74	999
18	NW	14	17	19	310	20	26	320	23	30	ra	13	12	12	10	good	87	500	69	1001
Monday 07 July 2025																				
00	NW	14	17	19	310	22	29	310	26	33	ra	12	11	11	10	good	90	2000	72	1003
06	NW	15	18	21	310	21	27	310	25	32	dz	12	11	11	10	good	87	1000	60	1004
12	NW	15	18	20	310	19	25	310	21	27	dz	13	13	12	10	good	79	2000	67	1006
18	NW	13	15	18	320	17	22	330	19	24	dz	12	12	11	9	good	81	2000	56	1008
Tuesday 08 July 2025																				
00	NW	11	13	15	320	15	19	340	16	20	dz	11	11	10	9	good	86	1000	70	1009
06	NW	11	12	15	330	14	17	340	15	19	dz	12	11	11	9	good	84	1000	65	1010
12	WNW	13	14	15	310	15	17	340	16	18	ra	13	13	12	9	good	76	2000	53	1011
18	W	10	11	13	300	13	15	340	14	16	ra	13	12	12	8	good	74	3500	55	1011
Wednesday 09 July 2025																				
00	SW	10	12	13	260	15	18	300	17	20	ra	12	12	11	9	good	81	2000	76	1011

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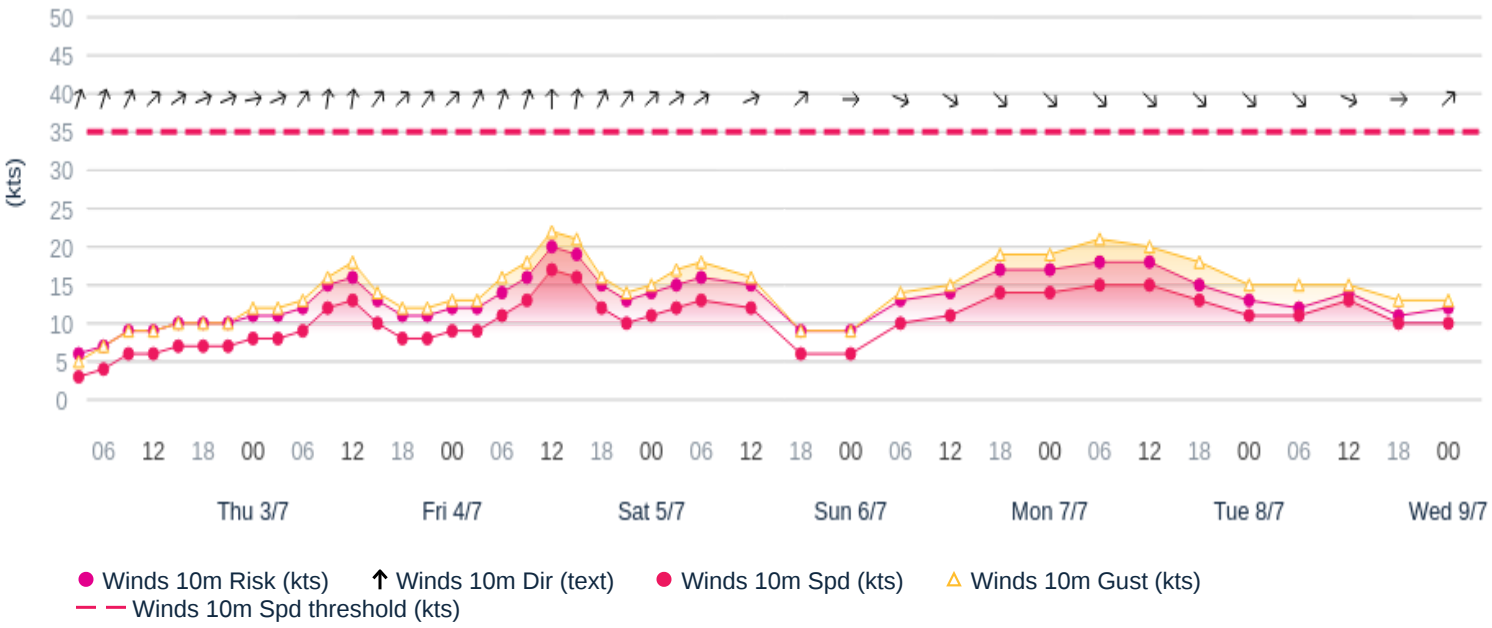
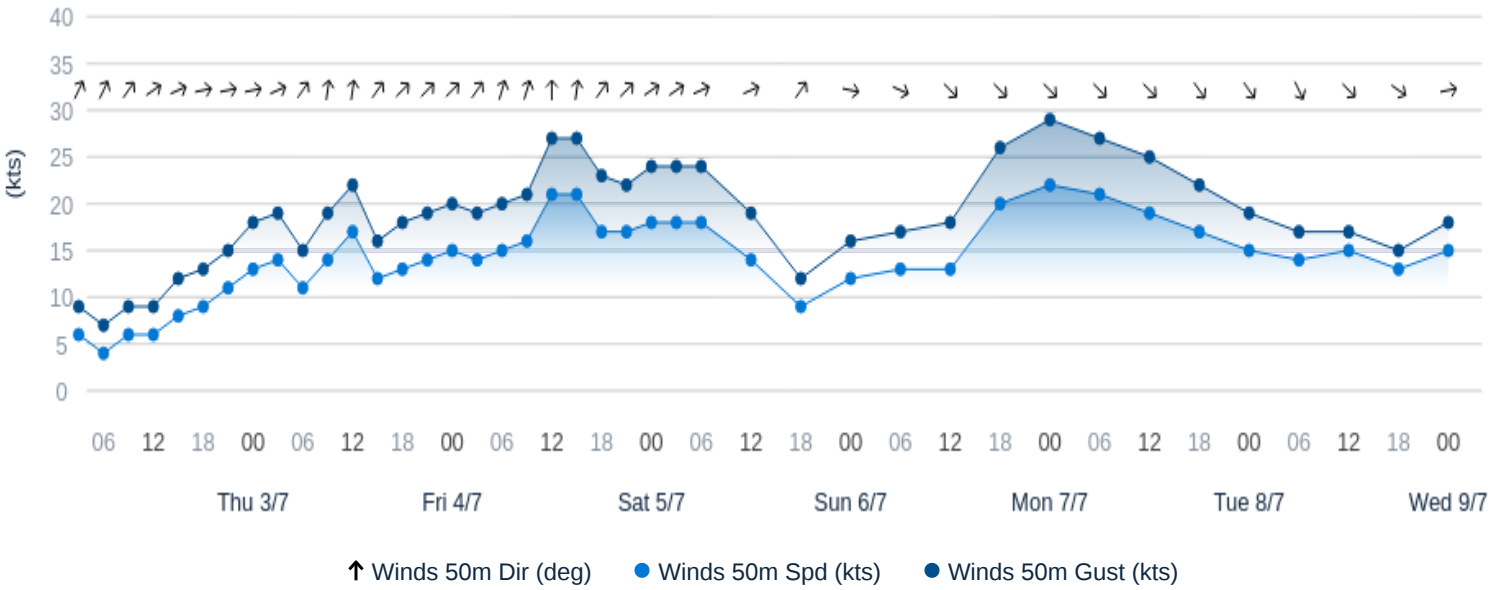
10m Wind Graph - 7 Day **Scapa Flow**



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



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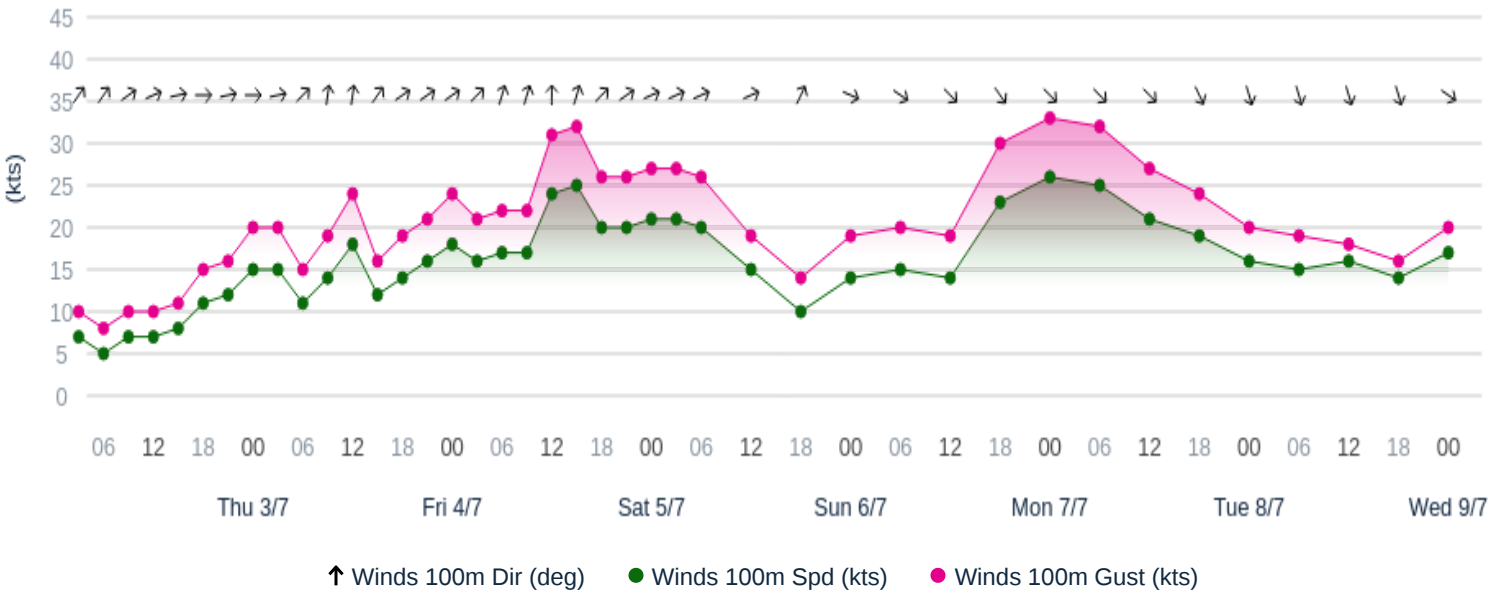
100m Wind Graph - 7 Day **Scapa Flow**



Issued on 02 July 2025, 00:00 UTC | Forecast for 03 July 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts

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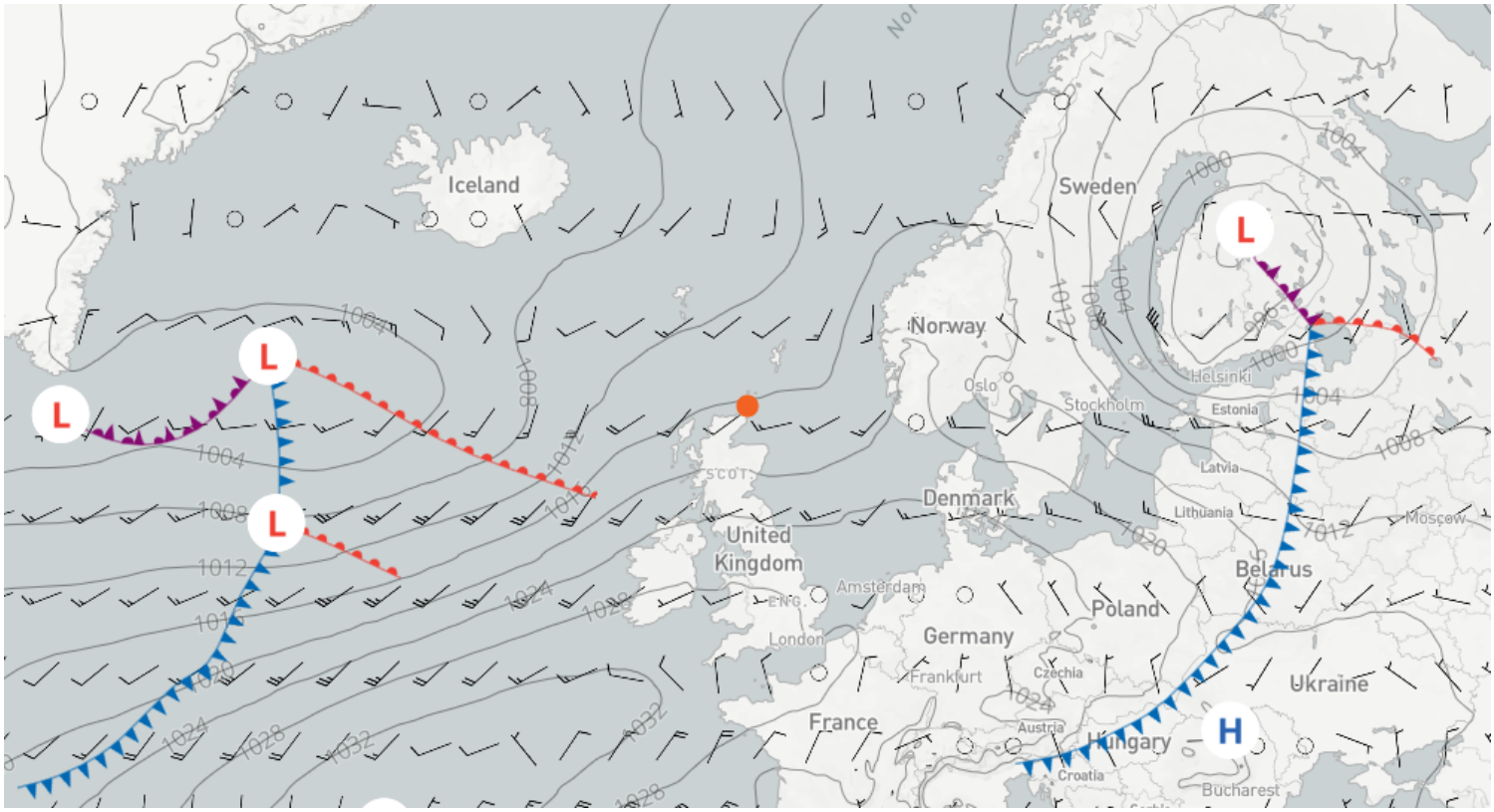
Issued on 02 July 2025, 00:00 UTC | Forecast for 04 July 2025, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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