Single Location Forecast - 7 Day

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

Issued on 19 March 2024, 04:01 UTC

offshore@dtn.com
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Meteorological Situation

A low pressure centre (983 hPa) over the northern Atlantic (62N/10W) at 03 UTC, will move towards the Greenland Sea (68N/10W) on 19 March and will become nearly stationary until 21 March 00 UTC. Afterwards, it is expected to dissipate. A building high pressure system (1018 hPa) is expected over Scotland (58N/02W) on 20 March 03 UTC and will move towards northern England (55N/01W) on that day. During the next days, it is forecast to weaken. A deepening low (987 hPa) is expected over the northern Atlantic (59N/36W) on 20 March 03 UTC and will move northeast on that day. Local conditions next 72 hrs: Wind: S-ly, fresh breeze, increasing to near gale on 22 March 06 UTC. Sea temperature: 7-8C.

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 19 March 2024																				
03	SSE	20	25	28	170	27	34	170	29	37	ra	8	8	8	6	good	87	3500	37	996
06	S	17	22	23	180	24	30	190	26	33	nsw	9	9	8	7	good	89	nlc	39	996
09	WSW	18	22	25	260	24	30	260	26	33	shra	8	8	8	7	good	88	nlc	78	999
12	W	20	23	26	280	24	31	280	26	33	dz	8	8	7	5	good	80	3500	65	1004
15	W	19	22	25	280	23	29	280	24	31	nsw	7	7	7	2	good	69	3500	77	1009
18	WNW	13	19	16	290	17	21	290	19	22	dz	7	6	6	1	good	69	3500	64	1013
21	WNW	9	14	12	290	12	15	290	13	16	dz	6	6	6	1	good	68	nlc	80	1015
Wednesday 20 March 2024																				
00	WNW	5	11	8	290	7	10	290	8	10	nsw	6	6	5	1	good	72	3500	80	1017
03	WSW	5	8	7	260	6	8	270	7	9	nsw	6	5	5	2	good	77	2000	80	1018
06	WSW	5	8	7	260	7	9	270	8	10	nsw	5	5	5	2	good	82	3500	79	1019
09	W	7	9	9	280	7	9	280	7	10	nsw	6	5	5	2	good	78	2000	73	1020
12	W	8	8	11	270	8	11	270	8	11	dz	7	6	6	2	good	75	nlc	21	1020
15	W	6	9	8	270	6	8	270	5	8	dz	7	7	6	2	good	70	nlc	14	1020
18	SW	5	8	7	220	5	7	220	5	7	nsw	6	6	6	2	good	73	nlc	73	1020
21	S	10	14	12	190	12	14	190	13	15	nsw	6	6	5	3	good	81	nlc	80	1020
Thursday 21 March 2024																				
00	S	13	20	18	180	18	22	180	20	24	nsw	6	6	6	3	good	83	nlc	80	1018
03	S	15	23	20	190	19	24	180	21	26	nsw	6	6	6	4	good	82	nlc	80	1015
06	S	20	30	28	190	26	33	190	28	35	ra	6	6	5	3	md/gd	80	3500	80	1011
09	S	22	31	31	190	29	37	190	31	40	ra	6	6	6	4	md/gd	82	3500	80	1007
12	SW	19	31	28	220	24	33	220	27	35	ra	8	8	8	6	good	85	2000	80	1003
15	SW	22	33	31	240	28	38	240	31	41	ra	11	11	10	8	good	83	2000	79	1001

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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)
18	WSW	23	30	33	250	29	39	250	32	41	dz	9	9	9	7	good	86	1000	70	1001
21	SW	24	32	34	240	31	41	240	34	44	nsw	8	8	7	4	good	79	nlc	34	1002
Friday 22 March 2024																				
00	SW	27	35	37	240	34	44	240	37	48	nsw	7	7	7	3	good	74	nlc	32	1002
03	WSW	28	35	39	250	36	46	250	39	50	nsw	7	7	6	3	good	76	nlc	38	1000
06	WSW	29	35	41	250	37	48	250	41	52	nsw	6	6	6	3	good	77	3500	43	999
12	WSW	30	38	43	250	38	50	260	41	53	nsw	6	6	5	1	good	71	3500	34	997
18	WSW	29	40	40	250	37	48	250	41	52	ra	6	5	5	2	md/gd	78	2000	79	991
Saturday 23 March 2024																				
00	W	27	35	36	270	34	43	270	37	46	shra	6	6	6	3	good	83	1000	74	989
06	WNW	25	31	34	300	32	41	300	34	43	shra	6	6	6	3	good	81	2000	61	988
12	NNW	27	32	36	340	34	43	340	36	46	shra	7	6	6	4	good	82	2000	79	993
18	N	24	32	33	0	31	39	0	34	42	shra	6	6	6	2	good	75	3500	51	1005
Sunday 24 March 2024																				
00	N	21	28	27	0	26	33	0	28	35	nsw	5	5	5	-0	good	67	3500	75	1013
06	N	16	22	21	0	20	25	0	22	27	nsw	4	4	4	-1	good	66	3500	74	1016
12	N	12	15	16	350	14	18	350	15	19	nsw	4	4	4	-2	good	64	3500	79	1018
18	N	9	13	12	350	11	14	350	11	15	nsw	4	3	3	-2	good	66	1000	75	1017
Monday 25 March 2024																				
00	WNW	9	10	12	280	9	12	270	9	13	nsw	3	3	2	-1	good	73	3500	79	1014
06	ENE	7	10	12	70	8	13	70	8	13	nsw	3	3	3	-1	good	74	3500	77	1011
12	E	11	13	15	80	12	16	90	13	17	dz	5	4	4	-1	good	69	2000	72	1009
18	NE	12	15	16	50	14	18	60	15	19	ra	5	4	4	0	good	73	2000	73	1007
Tuesday 26 March 2024																				
00	NNE	8	12	12	30	9	12	40	9	13	dz	4	3	3	-0	good	75	2000	49	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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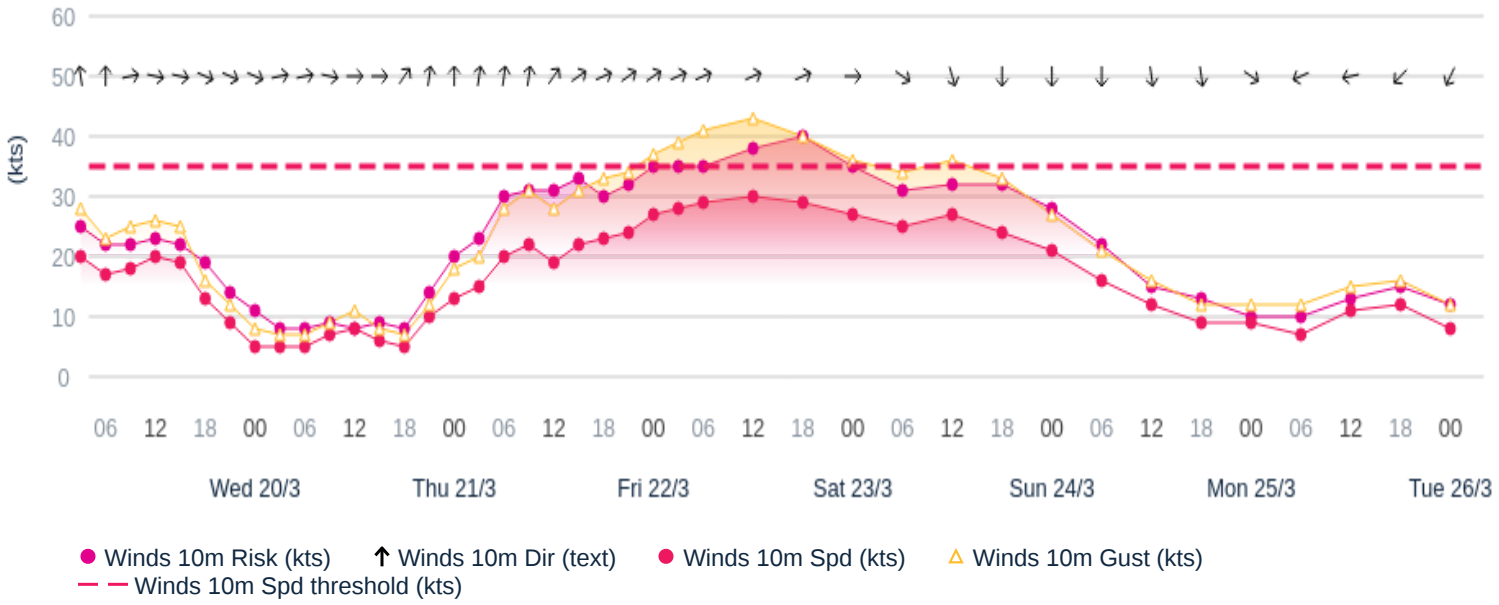
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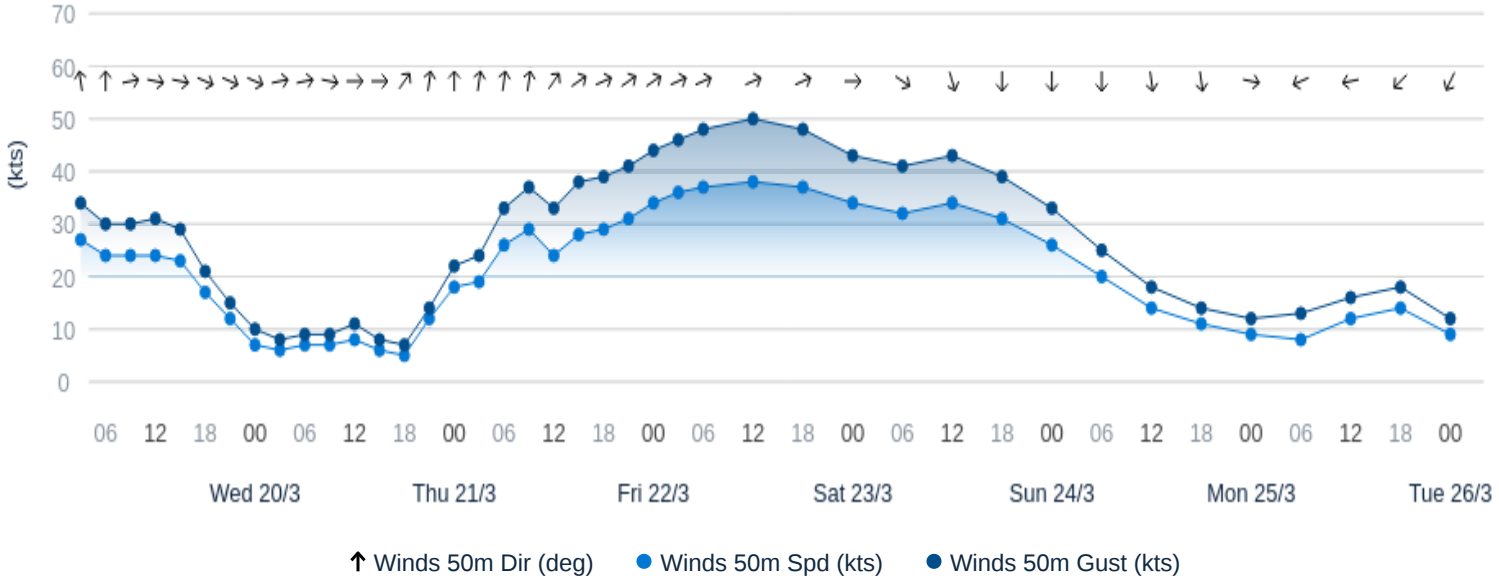
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10m Wind Graph - 7 Day **Scapa Flow**



Winds 10m Risk (kts) · Winds 10m Dir (text) · Winds 10m Spd (kts) · Winds 10m Gust (kts)
Winds 10m Spd threshold (kts)

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



Winds 50m Dir (deg) · Winds 50m Spd (kts) · Winds 50m Gust (kts)

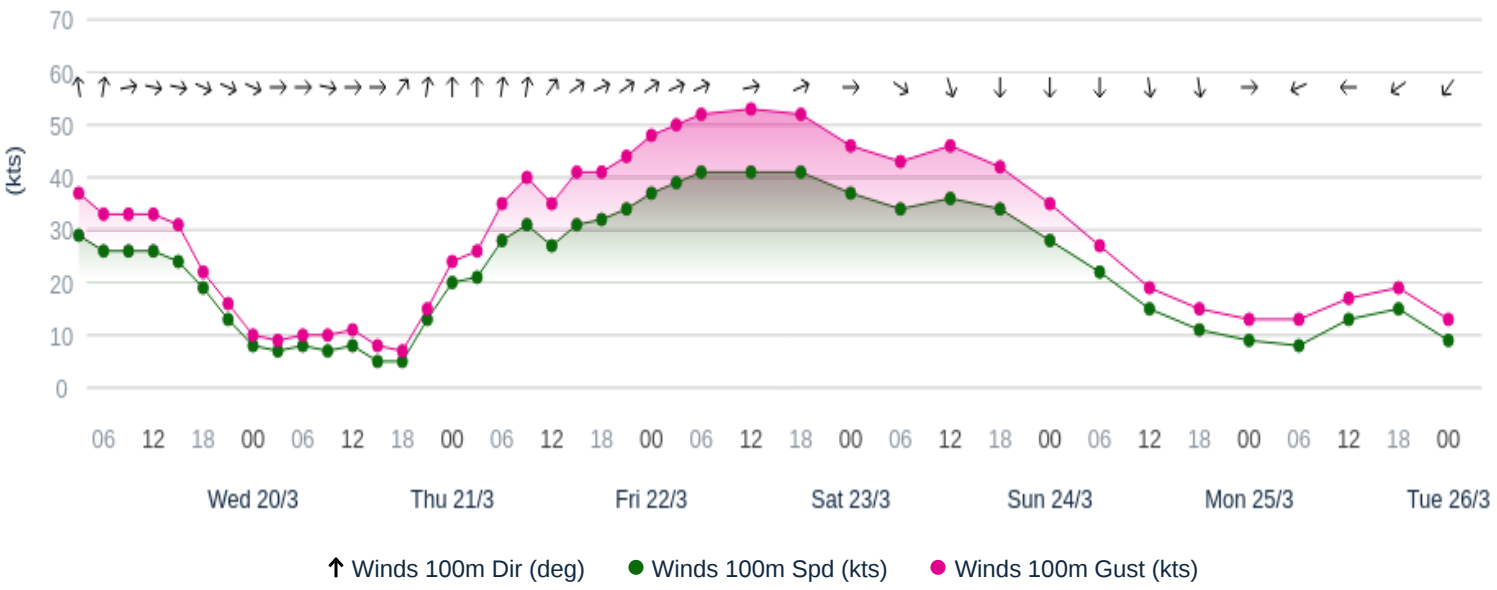
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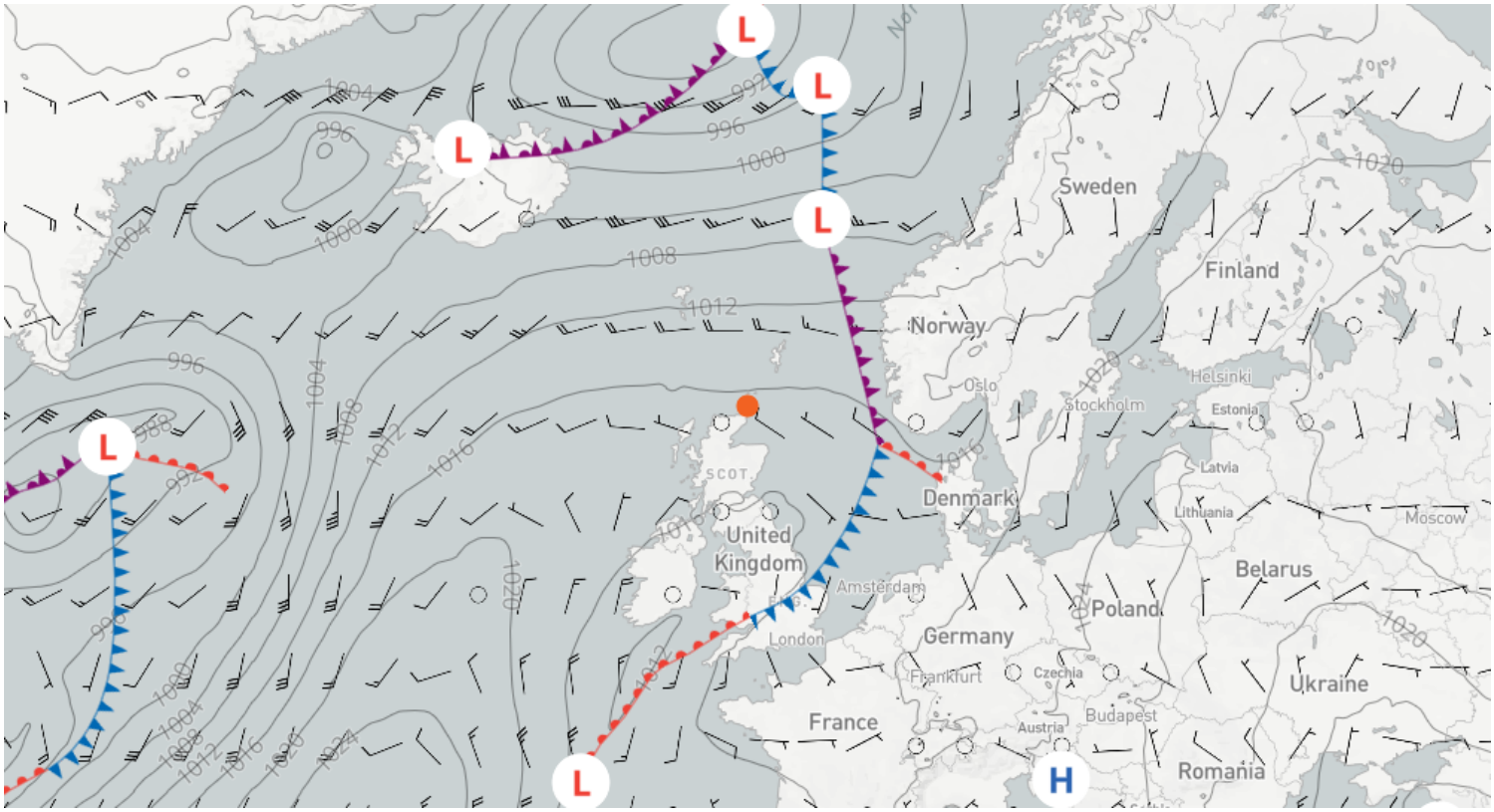
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100m Wind Graph - 7 Day **Scapa Flow**

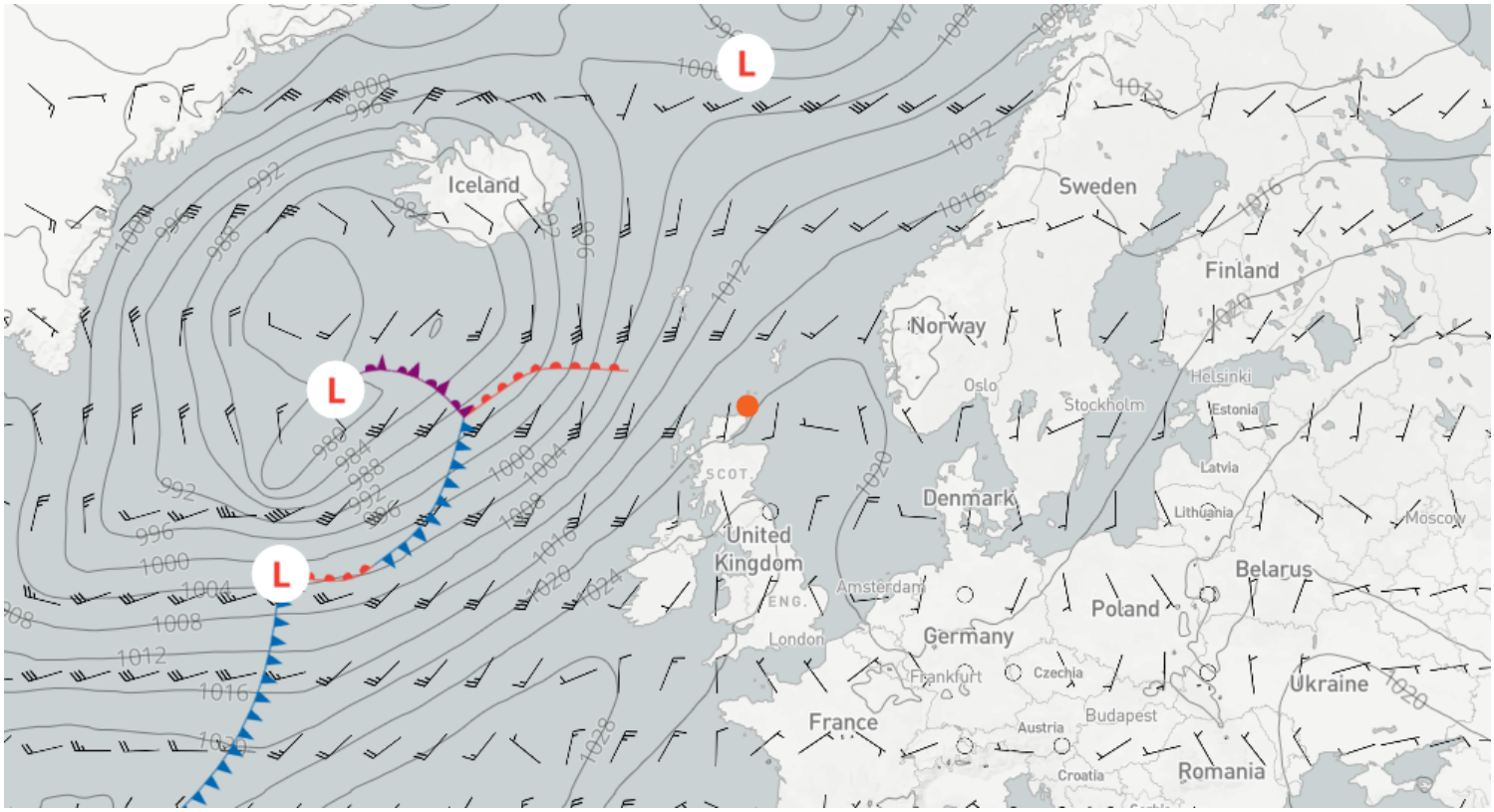


Issued on 19 March 2024, 00:00 UTC | Forecast for 20 March 2024, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



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