



Single Location Forecast - 7 Day

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

Issued on 18 June 2025, 04:01 UTC

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

Meteorological Situation

A complex low (998-1004hPa) is located over the northern regions, from Greenland, via Iceland to northern Scandinavia, Finland and Russia. At the same time a complex high (1023-1027hPa) is located over the central region from the Atlantic, via Ireland and England into central Europe. The weather will be fine today over Scapa Flow with moderate, to at times maybe just fresh westerlies. In the coming days the weather is expected to remain under high pressure with fine weather to continue. In the course of Saturday high pressure is expected to move into the continent, while low pressure is expected to gradually move over Ireland, Scotland and northern England. Very late o Saturday or early Sundy showers are expected over Scapa Flow with risk of thunderstorms and gusty winds. Monday and Tuesday are expected to be unsettled with rain and increased winds. On Wednesday a ridge is expected over the UK with calm conditions. But on Thursday conditions are expected to deteriorate again due to the approach of another low over the Atlantic, pushing into Ireland and Scotland. On Friday a frontal trough is expected to cross with rough conditions for a shoer time and in its wake a ridge of high pressure is expected to start to build over the entire UK. Local conditions next 72 hrs: Wind: WSW-ly, moderate, increasing to fresh. Sea temperature: 11-12C.

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)
Wednesday 18 June 2025																				
03	WSW	14	15	17	250	20	23	260	23	26	nsw	11	11	10	9	good	87	2000	67	1017
06	WSW	16	17	19	250	21	24	260	23	27	nsw	11	11	10	9	good	84	1000	47	1018
09	WSW	19	21	25	260	24	31	260	26	33	nsw	12	12	11	8	good	78	2000	46	1019
12	W	21	24	27	270	25	32	270	27	35	dz	12	12	11	9	good	79	2000	49	1020
15	W	18	21	24	280	21	27	280	23	30	nsw	13	12	12	8	good	76	3500	48	1022
18	W	14	15	19	280	17	22	280	19	25	nsw	12	12	11	9	good	80	nlc	17	1023
21	W	9	10	12	270	13	16	270	15	18	nsw	11	11	11	9	good	85	nlc	13	1024
Thursday 19 June 2025																				
00	WSW	9	10	11	260	13	15	270	15	17	nsw	11	11	10	9	good	88	nlc	26	1025
03	WSW	9	10	13	260	13	18	270	15	20	nsw	11	10	10	9	good	91	nlc	21	1025
06	WSW	12	15	16	260	16	21	270	17	22	nsw	11	11	10	9	good	88	2000	45	1026
09	WSW	13	16	18	260	18	24	270	20	26	nsw	12	12	11	9	good	79	2000	50	1026
12	WSW	15	18	20	260	17	23	270	17	23	nsw	13	13	12	8	good	74	nlc	61	1027
15	S	15	18	20	180	14	19	170	14	19	nsw	13	13	12	9	good	76	nlc	74	1026
18	SSE	13	16	17	150	18	24	150	20	26	nsw	12	12	12	9	good	82	nlc	74	1025
21	SE	11	14	15	140	18	23	150	21	27	nsw	12	12	11	10	good	87	nlc	63	1025
Friday 20 June 2025																				
00	SSE	10	13	14	150	16	21	160	19	25	nsw	12	12	12	10	good	91	nlc	58	1024
03	SSE	6	7	9	160	10	14	170	12	16	nsw	12	12	13	11	good	92	nlc	66	1023
06	S	6	6	9	190	10	14	200	12	16	nsw	13	14	14	11	good	89	nlc	42	1022
09	S	6	6	8	200	8	10	200	10	12	nsw	15	16	17	12	good	82	nlc	55	1021



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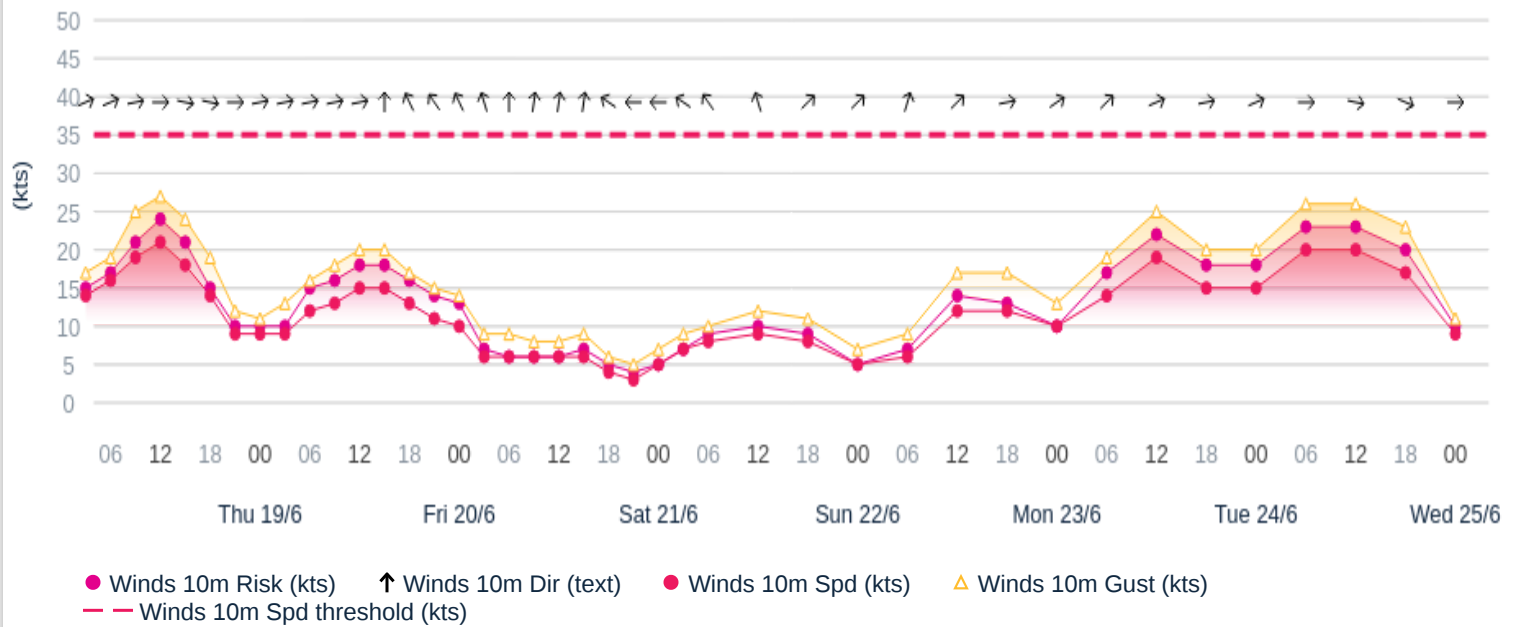
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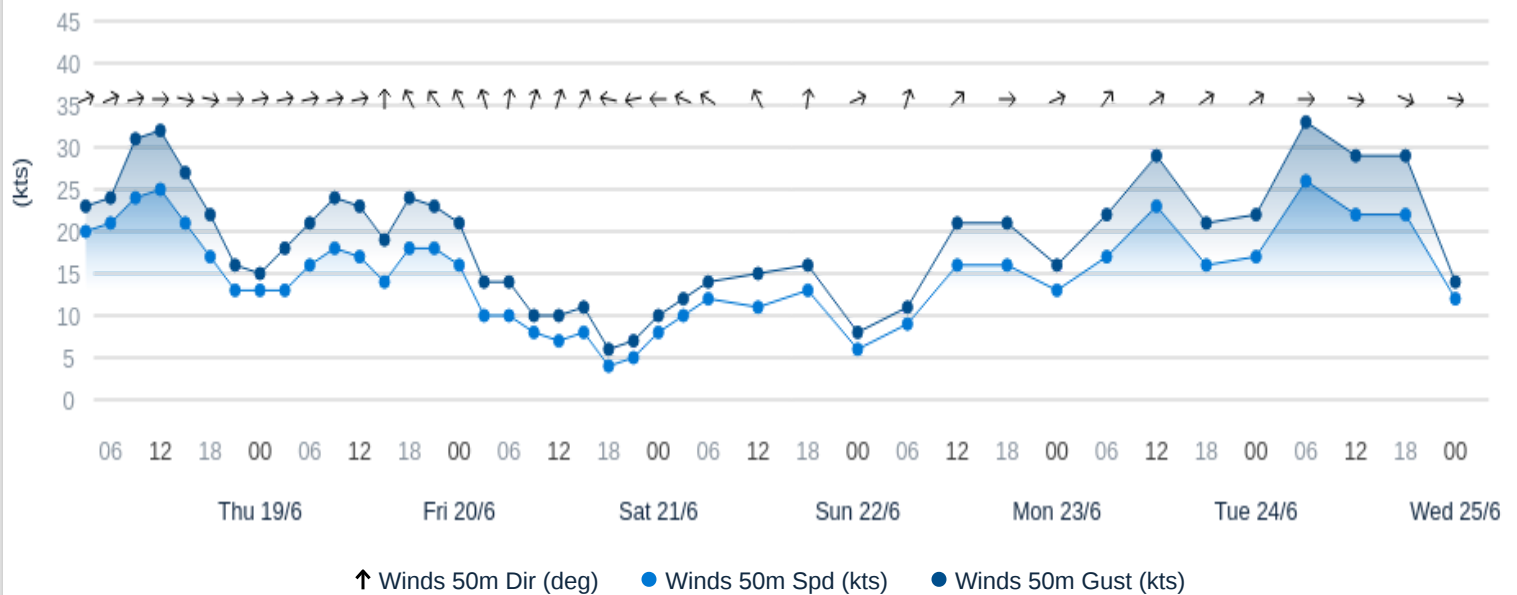
Winds											Weather									
UTC	10m				50m			100m			Type	Air						Cloud		MSLP
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	(text)	T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	(hPa)
12	S	6	6	8	200	7	10	210	8	10	nsw	16	16	17	12	good	80	nlc	33	1021
15	S	6	7	9	210	8	11	230	9	11	dz	16	17	18	13	good	79	nlc	34	1021
18	ESE	4	5	6	100	4	6	70	4	6	dz	16	17	18	13	good	83	2000	38	1020
21	E	3	4	5	80	5	7	60	5	7	dz	14	16	17	12	md/gd	87	200	46	1020
Saturday 21 June 2025																				
00	E	5	5	7	90	8	10	90	10	11	nsw	13	14	15	12	good	92	200	56	1019
03	ESE	7	7	9	110	10	12	100	12	14	nsw	13	14	15	12	good	91	500	63	1018
06	SE	8	9	10	120	12	14	100	14	16	nsw	14	14	15	12	good	89	500	69	1017
12	SSE	9	10	12	150	11	15	130	12	16	nsw	16	16	17	13	good	83	3500	65	1015
18	SW	8	9	11	190	13	16	160	16	19	nsw	16	16	17	13	good	85	nlc	70	1012
Sunday 22 June 2025																				
00	SW	5	5	7	250	6	8	270	7	9	shra	14	14	15	13	good	94	nlc	71	1011
06	SSW	6	7	9	200	9	11	210	11	13	shra	14	14	15	13	good	93	3500	56	1008
12	SW	12	14	17	230	16	21	220	18	23	shra	14	14	14	12	good	83	3500	65	1005
18	WSW	12	13	17	270	16	21	280	18	23	shra	14	13	13	11	good	83	3500	61	1003
Monday 23 June 2025																				
00	SW	10	10	13	250	13	16	250	14	17	ra	12	12	12	9	good	84	3500	59	1004
06	SW	14	17	19	220	17	22	200	18	24	ra	12	12	12	9	good	83	3500	59	1002
12	WSW	19	22	25	240	23	29	220	24	31	ra	13	13	12	9	good	77	2000	62	1003
18	WSW	15	18	20	240	16	21	220	18	24	dz	13	12	12	10	good	83	1000	74	1004
Tuesday 24 June 2025																				
00	WSW	15	18	20	240	17	22	220	18	24	ra	12	12	11	10	good	90	3500	79	1004
06	W	20	23	26	270	26	33	280	28	36	ra	12	11	11	10	good	89	1000	78	1005
12	W	20	23	26	280	22	29	280	24	31	nsw	13	12	12	9	good	79	1000	71	1008
18	WNW	17	20	23	290	22	29	290	24	31	dz	12	12	11	9	good	82	1000	71	1011
Wednesday 25 June 2025																				
00	W	9	10	11	280	12	14	290	13	15	dz	11	11	11	9	good	88	1000	64	1015

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

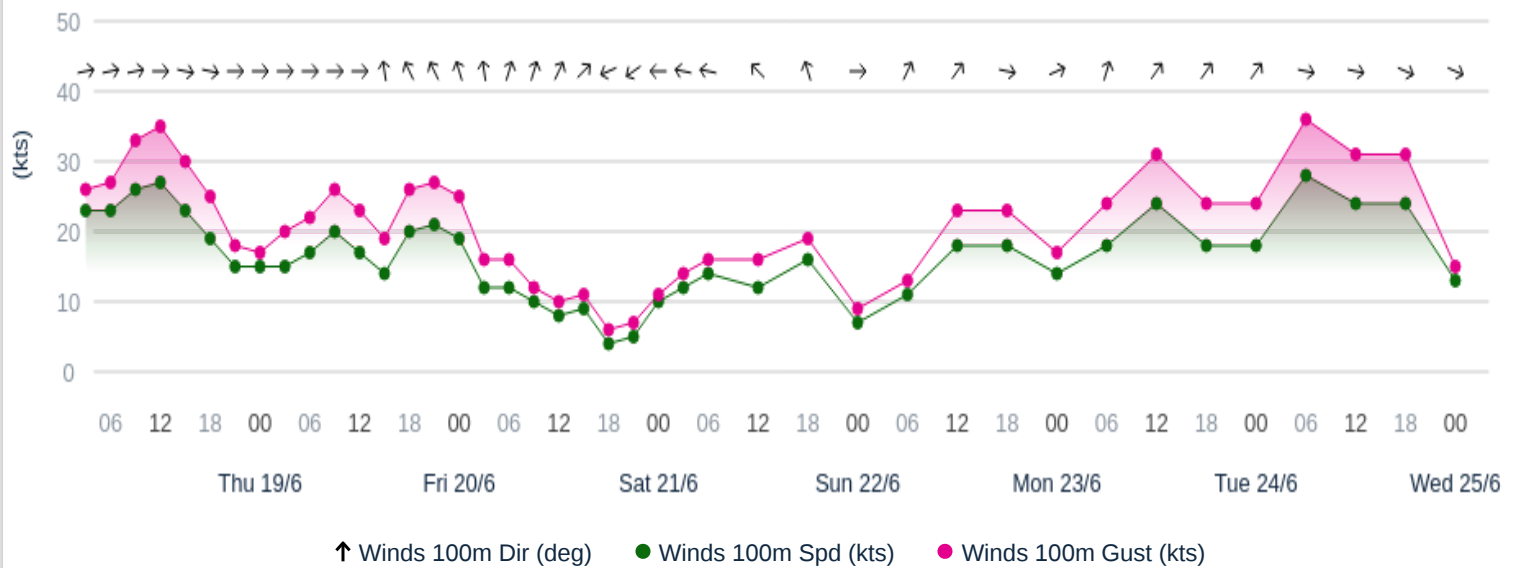
10m Wind Graph - 7 Day Scapa Flow



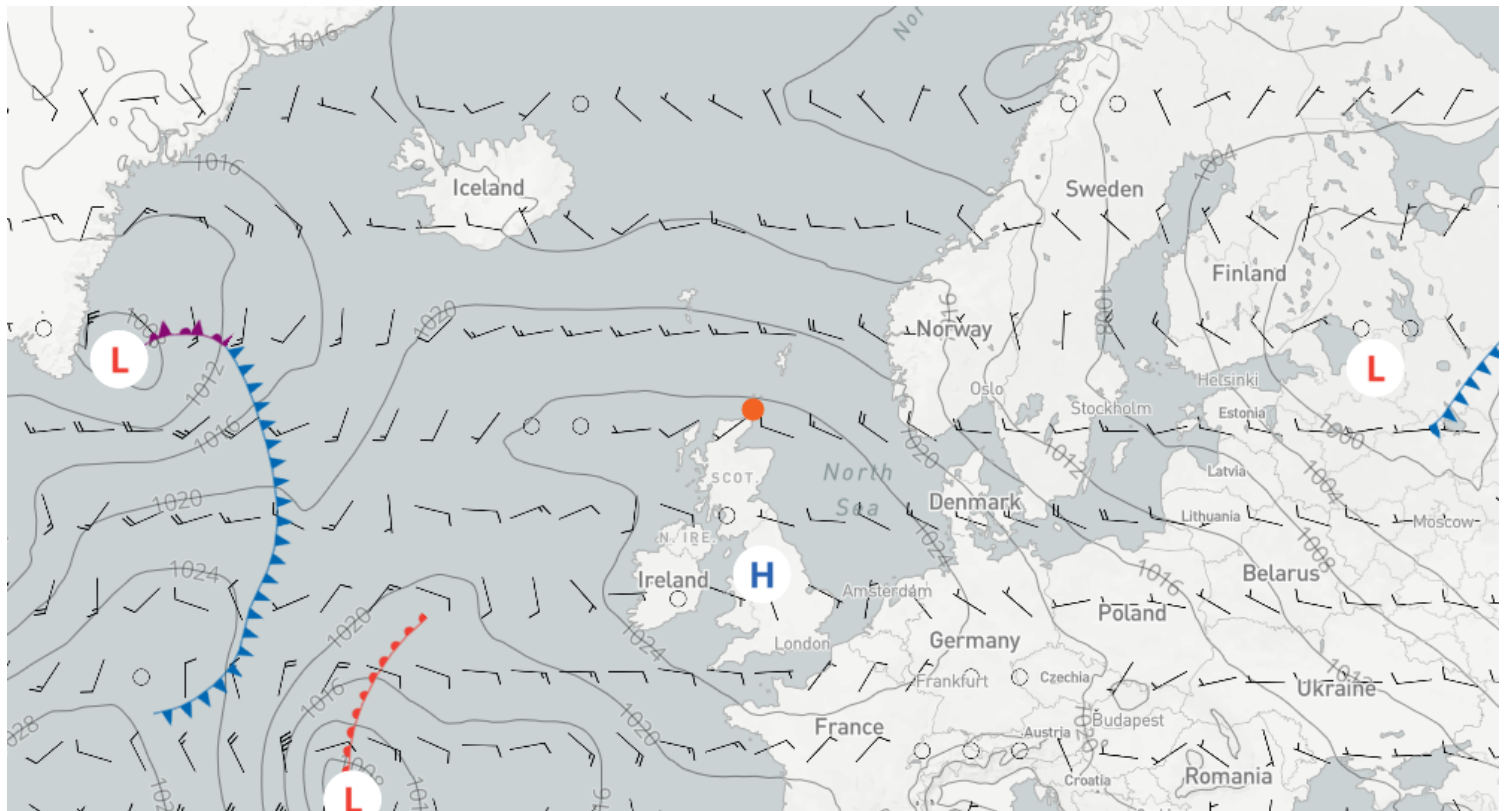
50m Wind Graph - 7 Day Scapa Flow



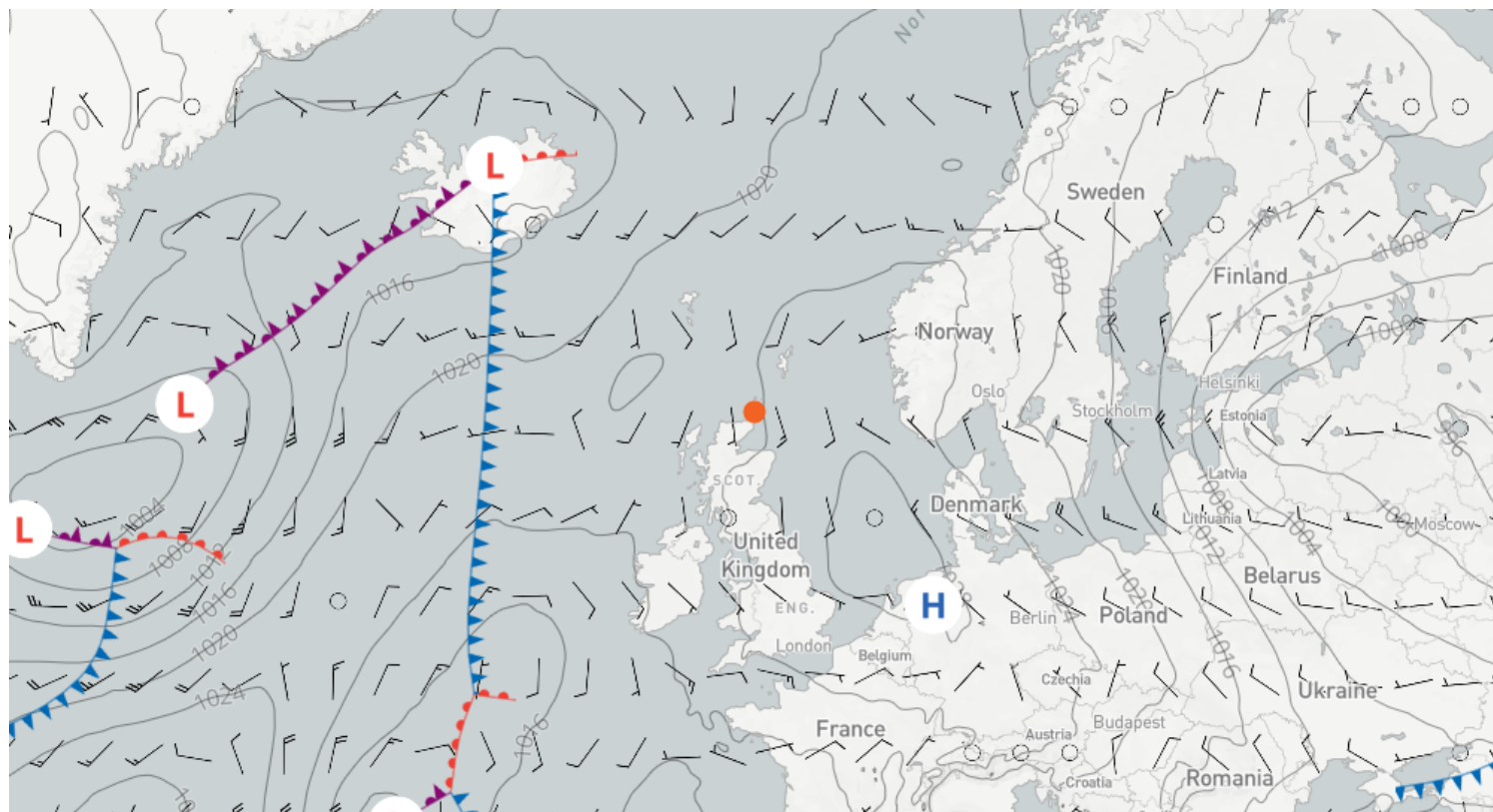
100m Wind Graph - 7 Day Scapa Flow



Issued on 18 June 2025, 00:00 UTC | Forecast for 19 June 2025, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 18 June 2025, 00:00 UTC | Forecast for 20 June 2025, 00:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts



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