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Single Location Forecast - 7 Day

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

Issued on 28 March 2024, 14:01 UTC

Meteorological Situation

A low-pressure centre is positioned to the south-west of the Celtic Sea and is likely to shift northeast towards the Irish Sea by mid-day today while another low passes through Denmark. E/NE 'lies are likely to reach fresh conditions today and abate further ahead as the pressure gradients slacken. By tonight, another low-pressure centre is likely to develop to the northwest of Ireland, which is expected to linger around to the west of Ireland till next week. By the start of next week, a low-pressure system that developed over France is expected to track northwards with its multiple cores bringing unsettled weather conditions across southern North Sea and the Baltic Sea. Local conditions next 72 hrs: Wind: E-ly, veering to SSE, fresh breeze. 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)
Thursday 28 March 2024																				
12	E	17	18	23	90	20	26	100	21	28	nsw	8	7	7	6	good	87	1000	75	984
15	E	18	21	25	90	21	28	90	23	30	nsw	7	7	7	5	good	88	1000	80	983
18	E	17	21	23	80	21	27	80	22	29	ra	7	7	6	5	good	88	1000	80	983
21	ENE	14	19	19	70	17	22	80	18	23	ra	6	6	6	4	md/gd	87	1000	80	981
Friday 29 March 2024																				
00	E	8	17	11	80	9	13	90	10	13	ra	6	6	6	4	good	87	2000	80	980
03	E	4	9	7	100	5	7	100	5	7	nsw	6	6	5	4	good	88	3500	73	978
06	E	6	9	8	100	7	9	90	8	10	nsw	6	6	6	3	good	83	2000	80	977
09	ESE	8	10	10	100	8	10	100	8	11	nsw	7	6	6	4	good	82	1000	75	978
12	SE	8	9	10	130	8	10	130	8	11	nsw	7	7	7	4	good	82	2000	64	979
15	SSE	8	9	11	160	8	11	160	8	12	nsw	7	7	7	5	good	84	nlc	53	980
18	SSE	8	10	10	180	9	11	180	9	11	nsw	7	7	7	5	good	84	nlc	37	981
21	S	8	11	10	180	10	12	180	11	13	nsw	7	7	7	5	good	87	nlc	39	983
Saturday 30 March 2024																				
00	SSE	8	13	10	170	11	13	170	12	14	nsw	7	7	7	5	good	89	nlc	28	984
03	SSE	8	12	11	170	10	13	170	11	13	nsw	7	7	6	5	good	87	nlc	23	986
06	SSE	7	11	9	170	10	12	170	12	14	nsw	6	6	6	4	good	88	nlc	9	987
09	S	7	10	9	180	8	10	190	8	10	nsw	7	7	7	5	good	85	nlc	2	989
12	SSE	10	11	12	160	11	13	160	11	13	nsw	8	8	7	5	good	81	nlc	1	991
15	SSE	9	11	12	160	10	13	160	11	14	nsw	8	8	8	5	good	80	nlc	42	993
18	SE	5	10	7	140	8	10	140	9	11	nsw	8	8	7	5	good	85	nlc	40	994
21	SE	5	11	7	140	8	10	150	9	11	nsw	7	7	7	5	good	88	nlc	13	995
Sunday 31 March 2024																				

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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	5	9	7	170	8	10	170	9	11	nsw	7	7	7	5	good	87	nlc	15	997
03	SSE	5	7	7	170	6	8	180	6	8	nsw	6	6	6	5	good	88	nlc	22	997
06	SW	3	6	5	210	5	6	210	5	7	nsw	6	6	6	4	mod	89	100	51	998
09	SSE	5	6	8	160	5	9	160	5	9	nsw	7	7	7	5	mod	85	100	47	999
12	SSE	5	6	8	160	5	8	170	5	8	nsw	8	8	8	5	md/gd	81	200	41	1000
18	ESE	7	9	10	130	8	11	130	9	12	nsw	8	8	7	5	good	85	nlc	63	1000
Monday 01 April 2024																				
00	ESE	7	10	10	120	10	13	120	11	13	nsw	7	7	7	6	good	93	nlc	78	1002
06	E	9	13	13	80	12	15	80	13	16	nsw	7	7	6	5	good	90	500	77	1003
12	ENE	15	18	20	70	17	22	70	18	22	dz	7	7	7	4	good	81	2000	78	1005
18	NE	17	22	23	50	21	26	50	23	28	nsw	6	6	6	3	good	81	2000	76	1007
Tuesday 02 April 2024																				
00	NE	19	23	24	40	22	28	40	24	29	dz	6	5	5	1	good	74	2000	80	1009
06	NE	17	22	22	40	21	25	40	22	27	dz	5	4	4	-0	good	69	3500	79	1010
12	NNE	15	17	19	30	17	21	40	18	22	nsw	5	5	4	-2	good	63	3500	80	1012
18	NE	14	17	18	50	17	21	50	18	21	dz	5	4	4	-3	good	59	3500	80	1012
Wednesday 03 April 2024																				
00	NE	12	16	16	40	14	18	40	15	19	nsw	4	4	3	-4	good	57	nlc	79	1011
06	ENE	14	18	19	60	18	22	60	19	23	nsw	3	3	3	-3	good	65	3500	78	1010
12	NE	14	16	18	50	16	20	50	17	21	nsw	4	4	3	-4	good	56	nlc	49	1010
18	NNE	12	15	16	30	14	17	30	14	18	nsw	4	3	3	-4	good	55	nlc	25	1010
Thursday 04 April 2024																				
00	NNE	10	13	14	30	11	15	30	12	16	nsw	3	2	2	-3	good	66	nlc	27	1010
06	NE	9	10	15	40	9	15	40	9	15	nsw	3	2	2	-3	good	65	nlc	28	1010

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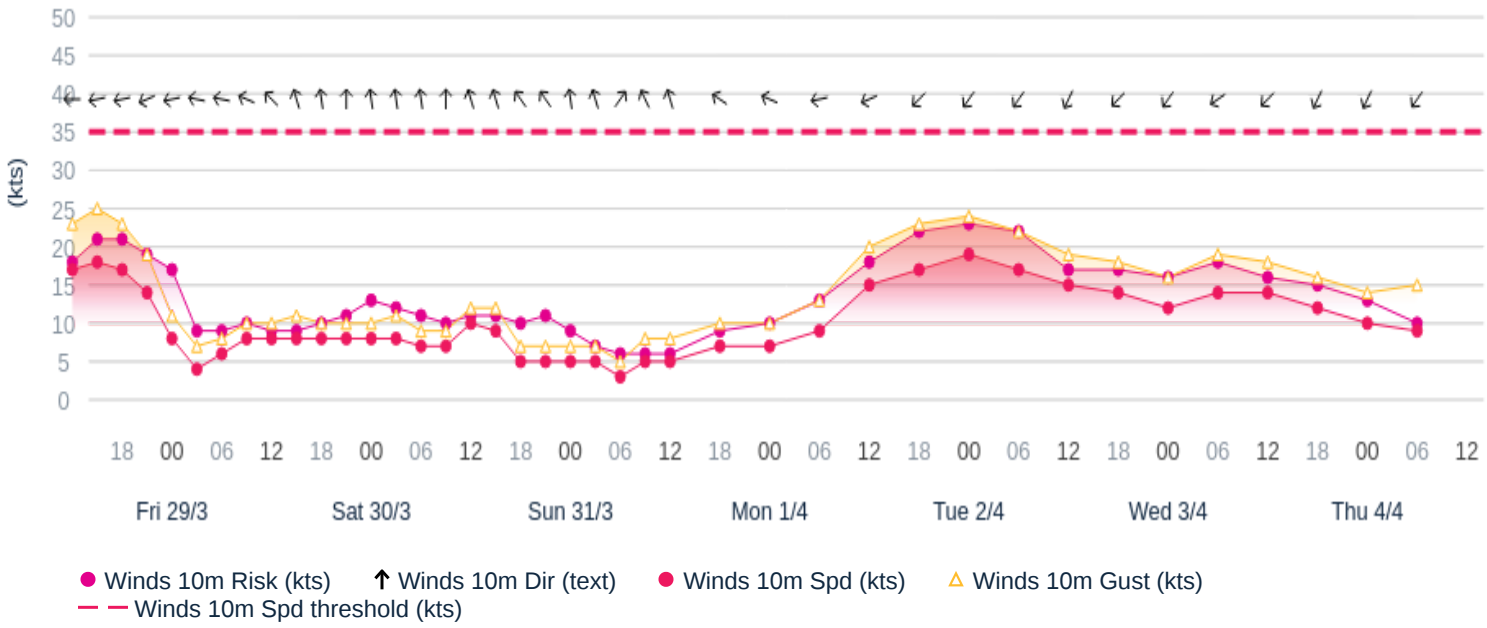
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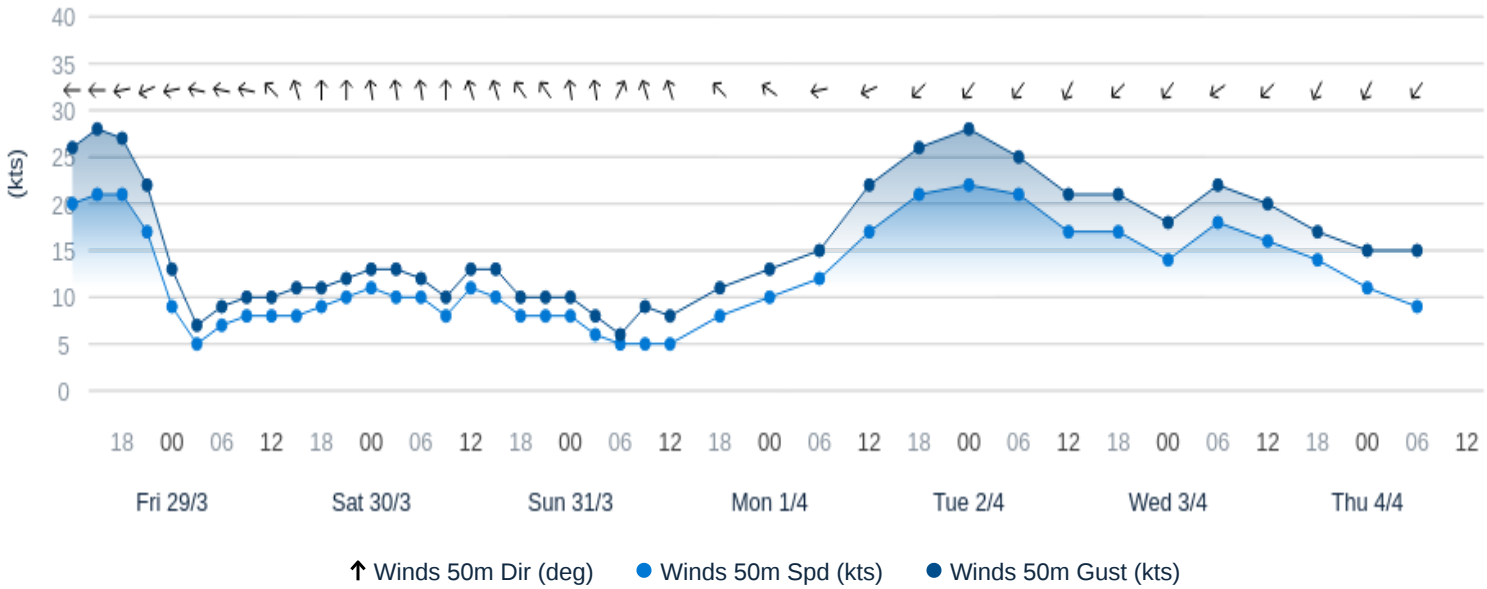
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10m Wind Graph - 7 Day **Scapa Flow**



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)

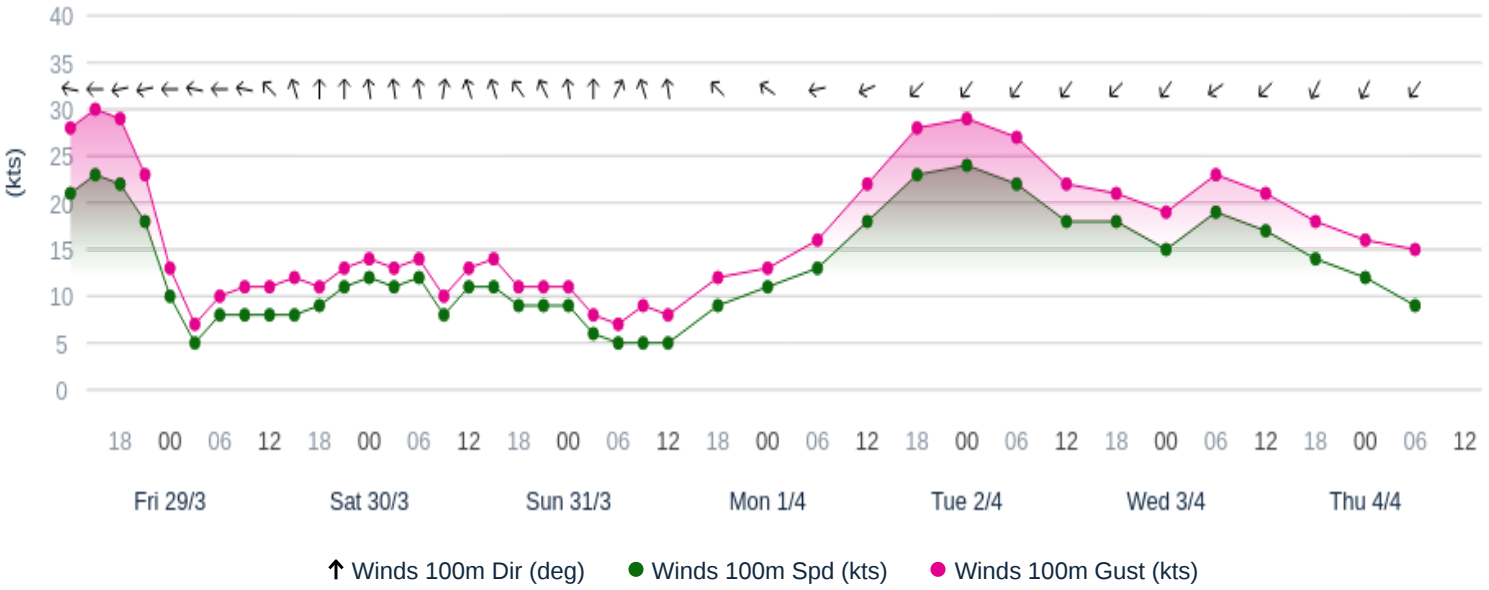
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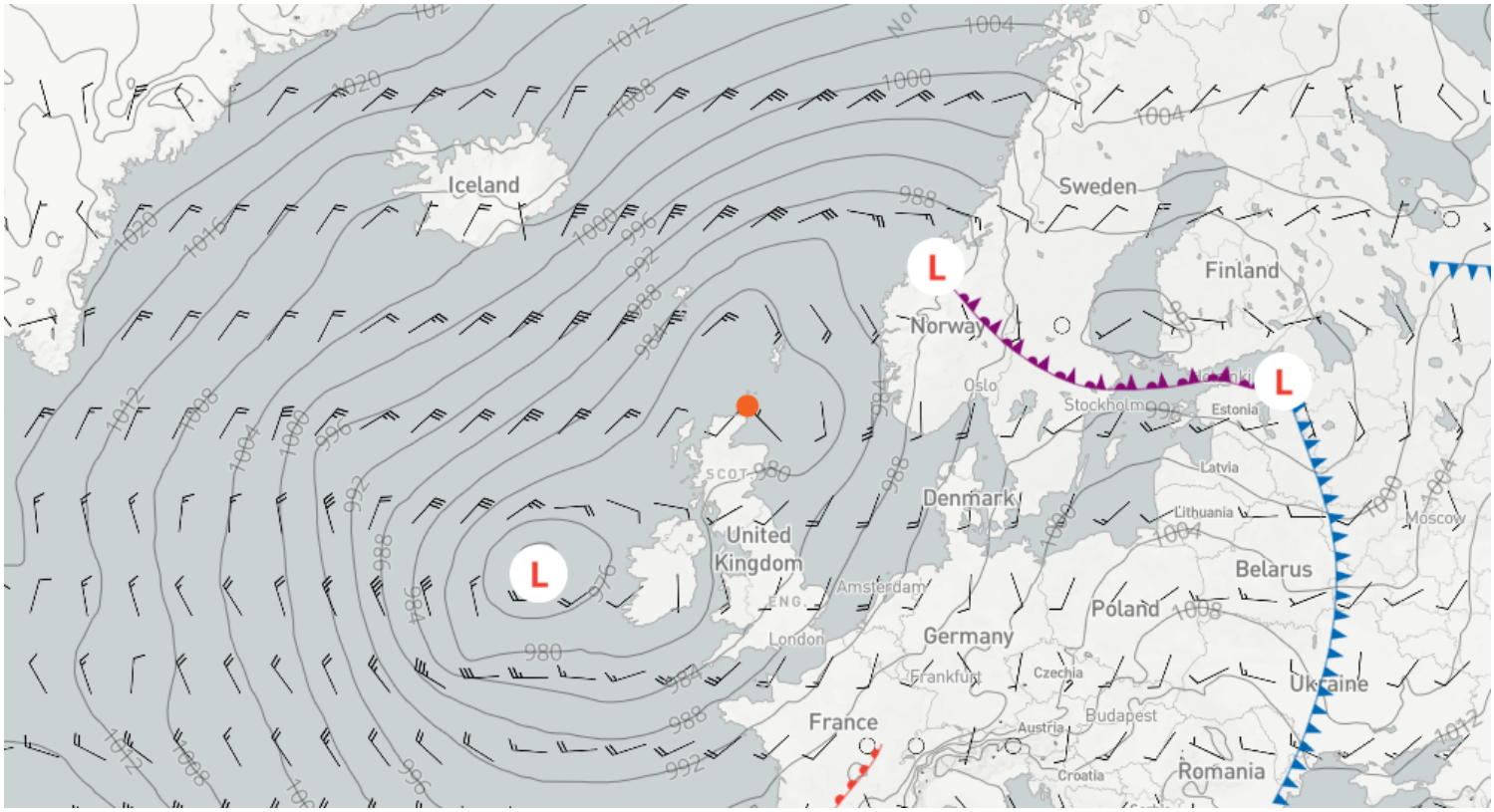
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Orkney Harbour DTNO_REF_19049545

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

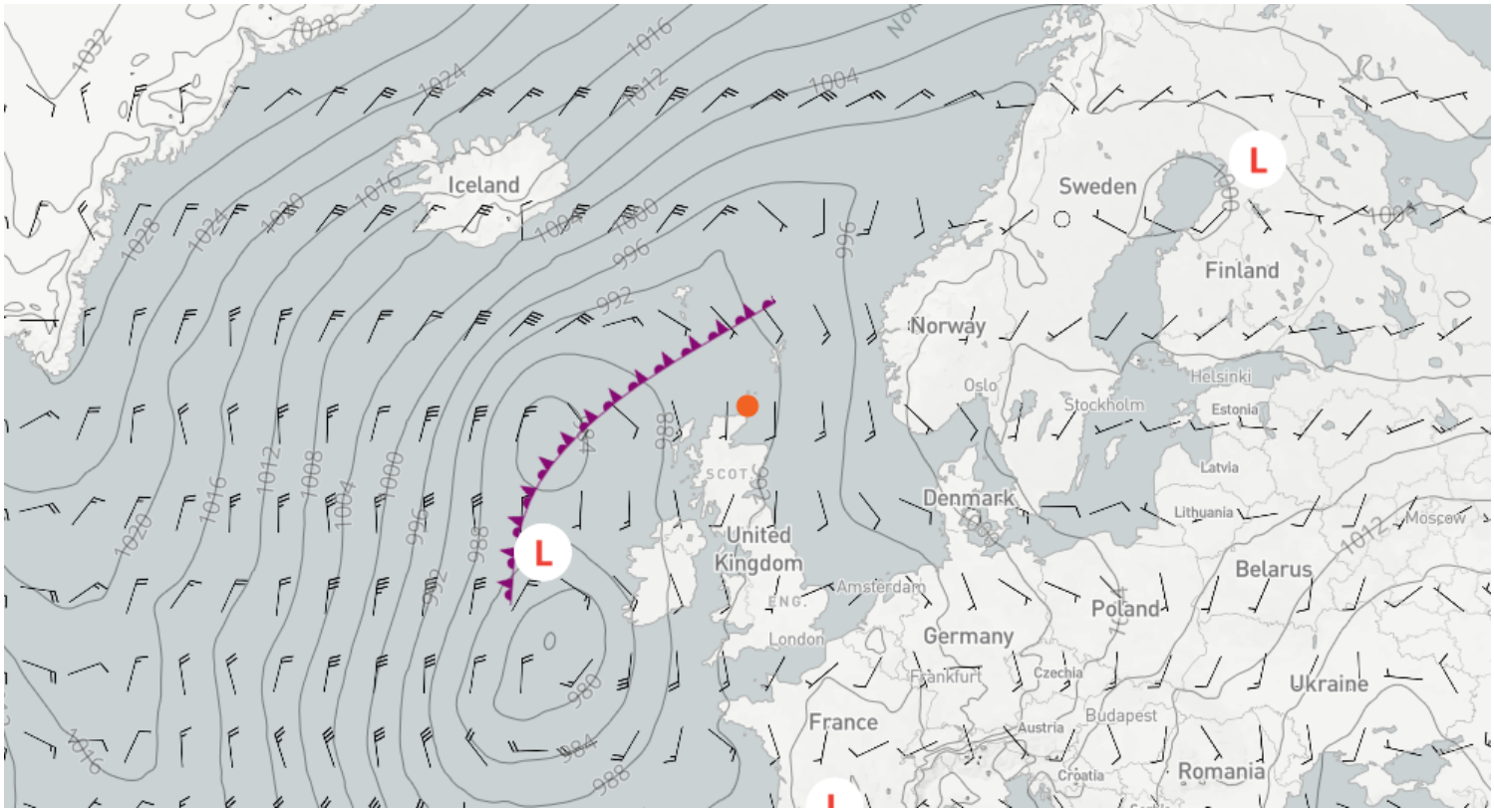


Issued on 28 March 2024, 12:00 UTC | Forecast for 29 March 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



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