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, 04:01 UTC

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

A complex low pressure system is forecast to be the dominant feature through today with fresh winds expected across Orkney. The main centre is to the west of Cornwall early in the morning and is expected to rotate up into the Irish Sea through the day. Another centre over the Irish Sea early in the morning is forecast to pass over Northern Ireland through the day. And another centre is expected to pass northwards over Denmark through today too. Low pressure is forecast to continue to influence into tomorrow however relatively calm conditions are forecast across Orkney. Low pressure is expected to remain near to Ireland through Saturday and Sunday with a new shallow centre passing northwards along the Norwegian coast on Sunday. Local conditions next 72 hrs: Wind: SE-ly, moderate, increasing to 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																				
03	SSE	16	20	21	150	21	27	150	23	30	nsw	7	7	6	5	good	86	nlc	8	981
06	SE	15	18	20	130	20	26	130	22	29	nsw	6	6	6	5	good	89	nlc	21	982
09	ESE	15	18	20	110	18	24	120	20	26	nsw	7	7	7	5	good	87	nlc	56	983
12	E	17	20	22	100	21	27	100	23	30	nsw	8	7	7	5	good	86	nlc	79	983
15	E	18	21	24	80	22	29	80	23	30	nsw	7	7	7	6	good	89	2000	80	982
18	E	17	21	22	80	20	27	80	22	29	ra	7	6	6	5	good	89	1000	80	981
21	E	13	20	17	80	15	21	80	16	22	ra	6	6	6	4	md/gd	88	1000	80	981
Friday 29 March 2024																				
00	E	6	18	10	80	9	13	80	11	15	ra	6	6	5	4	good	89	1000	80	979
03	ESE	4	10	7	110	6	9	110	7	10	nsw	5	5	5	4	good	89	1000	80	977
06	SE	5	10	8	130	8	10	130	9	11	nsw	6	6	5	4	good	86	2000	73	976
09	ESE	9	12	11	110	10	13	110	11	14	nsw	7	7	6	4	good	82	2000	45	977
12	ESE	6	9	9	120	7	10	120	7	10	nsw	7	7	7	4	good	81	2000	70	978
15	S	8	9	12	180	9	12	190	9	12	shra	7	7	7	5	good	84	1000	79	979
18	SSE	8	13	12	170	11	15	160	12	16	ra	7	6	6	4	good	85	nlc	58	980
21	SSE	9	13	13	170	11	14	170	12	15	shra	6	6	6	5	good	89	nlc	69	983
Saturday 30 March 2024																				
00	SSE	8	13	10	160	11	14	170	13	15	nsw	7	7	7	5	good	87	nlc	21	984
03	SSE	8	12	12	170	11	15	170	13	16	nsw	6	6	6	4	good	87	nlc	48	985
06	SSE	10	13	14	170	13	17	170	15	18	nsw	6	6	6	4	good	86	nlc	16	987
09	SSE	10	13	13	170	12	14	170	13	15	nsw	7	7	7	4	good	82	nlc	10	989
12	SSE	12	14	15	170	14	17	170	15	18	nsw	8	8	7	5	good	80	nlc	2	991
15	SSE	11	12	15	150	14	18	150	15	19	nsw	8	8	8	5	good	82	nlc	42	992

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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	SE	8	14	11	140	12	14	150	13	15	nsw	8	8	7	5	good	86	nlc	14	993
21	SSE	7	13	10	160	10	13	170	12	14	nsw	7	7	7	5	good	87	nlc	26	995
Sunday 31 March 2024																				
00	SSE	9	11	12	170	12	15	170	13	16	nsw	7	7	7	5	good	87	nlc	11	997
03	SSE	8	11	12	180	12	15	180	13	16	nsw	7	7	7	5	good	88	nlc	18	998
06	S	7	10	11	180	11	15	180	12	16	nsw	6	6	6	5	good	88	nlc	24	999
12	SSE	9	10	12	160	11	14	170	12	15	nsw	8	8	8	6	good	83	2000	33	1001
18	SE	12	15	16	140	16	21	140	18	22	nsw	8	8	8	6	good	85	nlc	75	1002
Monday 01 April 2024																				
00	SE	11	13	15	140	15	20	140	17	21	nsw	7	7	7	6	good	91	nlc	31	1003
06	ESE	10	13	14	110	13	17	120	15	18	nsw	7	7	7	6	good	93	500	61	1004
12	E	13	15	18	90	15	20	90	16	21	nsw	7	7	7	4	good	82	1000	53	1005
18	ENE	13	16	18	60	16	21	60	17	22	nsw	7	7	7	4	good	81	2000	69	1006
Tuesday 02 April 2024																				
00	NE	18	23	24	50	22	28	50	24	30	nsw	6	6	6	4	good	82	2000	71	1007
06	NE	19	24	24	50	23	28	50	24	29	dz	6	5	5	2	good	76	2000	78	1008
12	NE	18	21	23	50	22	26	50	23	28	nsw	6	5	5	1	good	71	3500	80	1010
18	NE	16	19	20	50	19	23	50	20	24	nsw	5	4	4	-1	good	66	3500	80	1011
Wednesday 03 April 2024																				
00	NE	13	17	18	50	16	20	50	17	21	nsw	4	4	4	-2	good	63	3500	79	1010
06	ENE	14	17	17	70	16	20	70	17	21	dz	4	3	3	-2	good	67	3500	79	1009
12	ENE	15	17	19	70	17	21	70	18	22	nsw	4	4	4	-3	good	60	3500	70	1009
18	NE	13	16	17	50	15	19	50	16	20	nsw	4	4	3	-4	good	57	3500	77	1009
Thursday 04 April 2024																				
00	NNE	10	13	13	30	11	13	30	11	14	nsw	3	3	3	-4	good	59	nlc	68	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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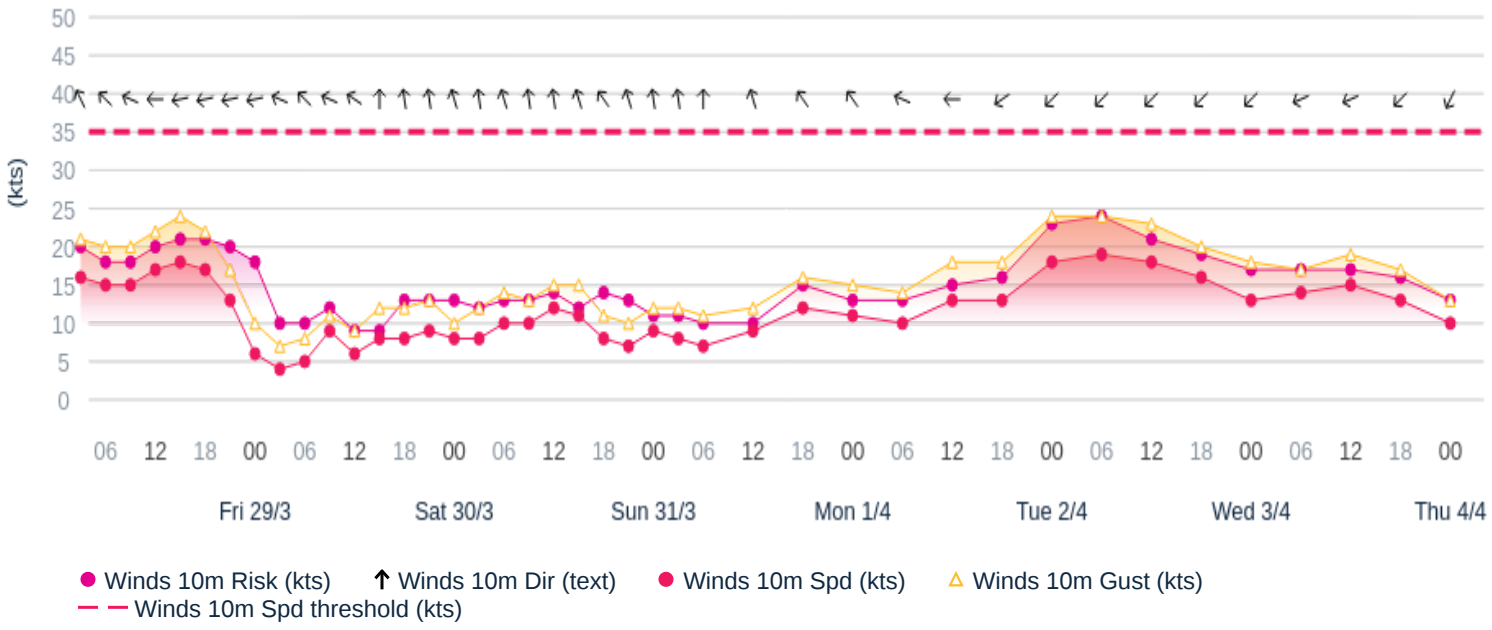
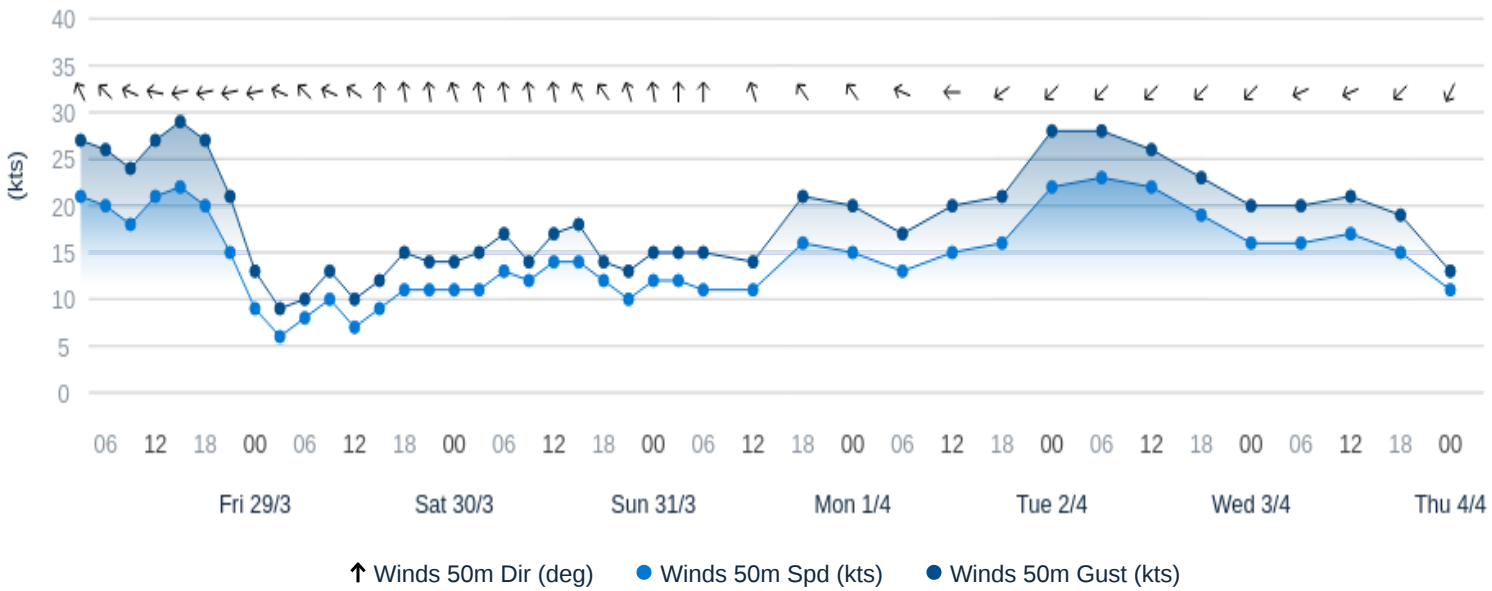
10m Wind Graph - 7 Day **Scapa Flow**



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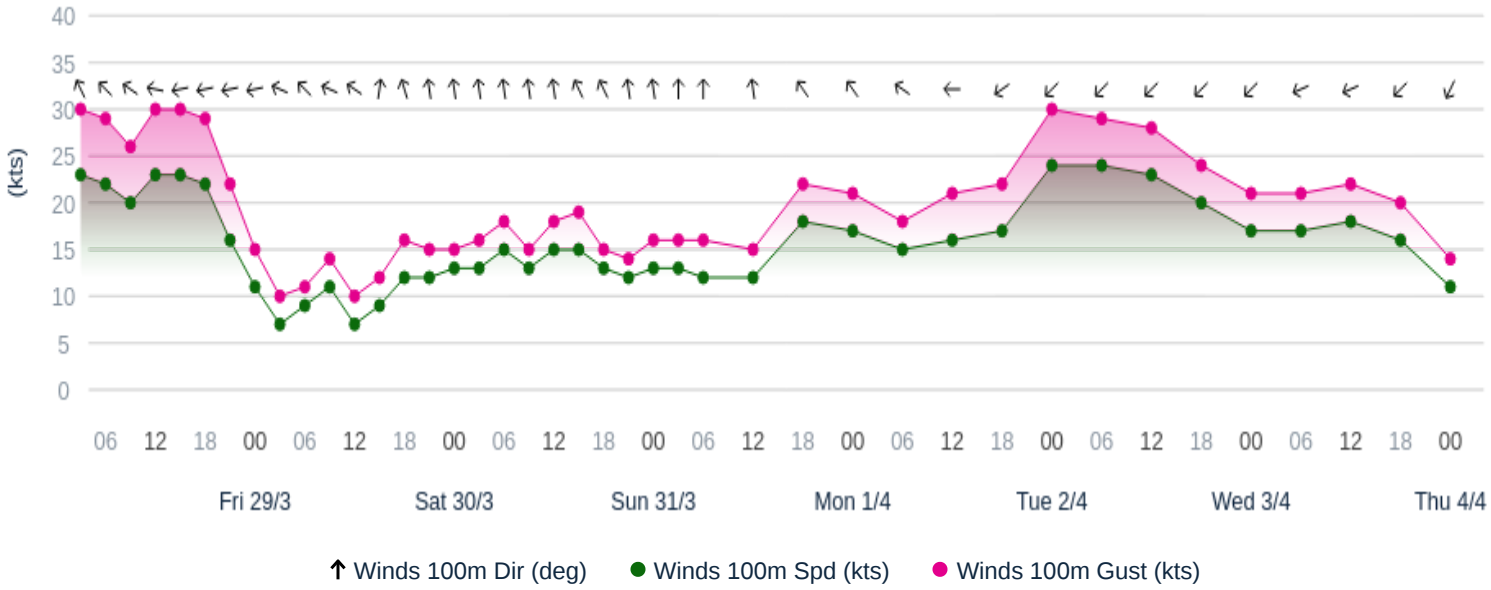
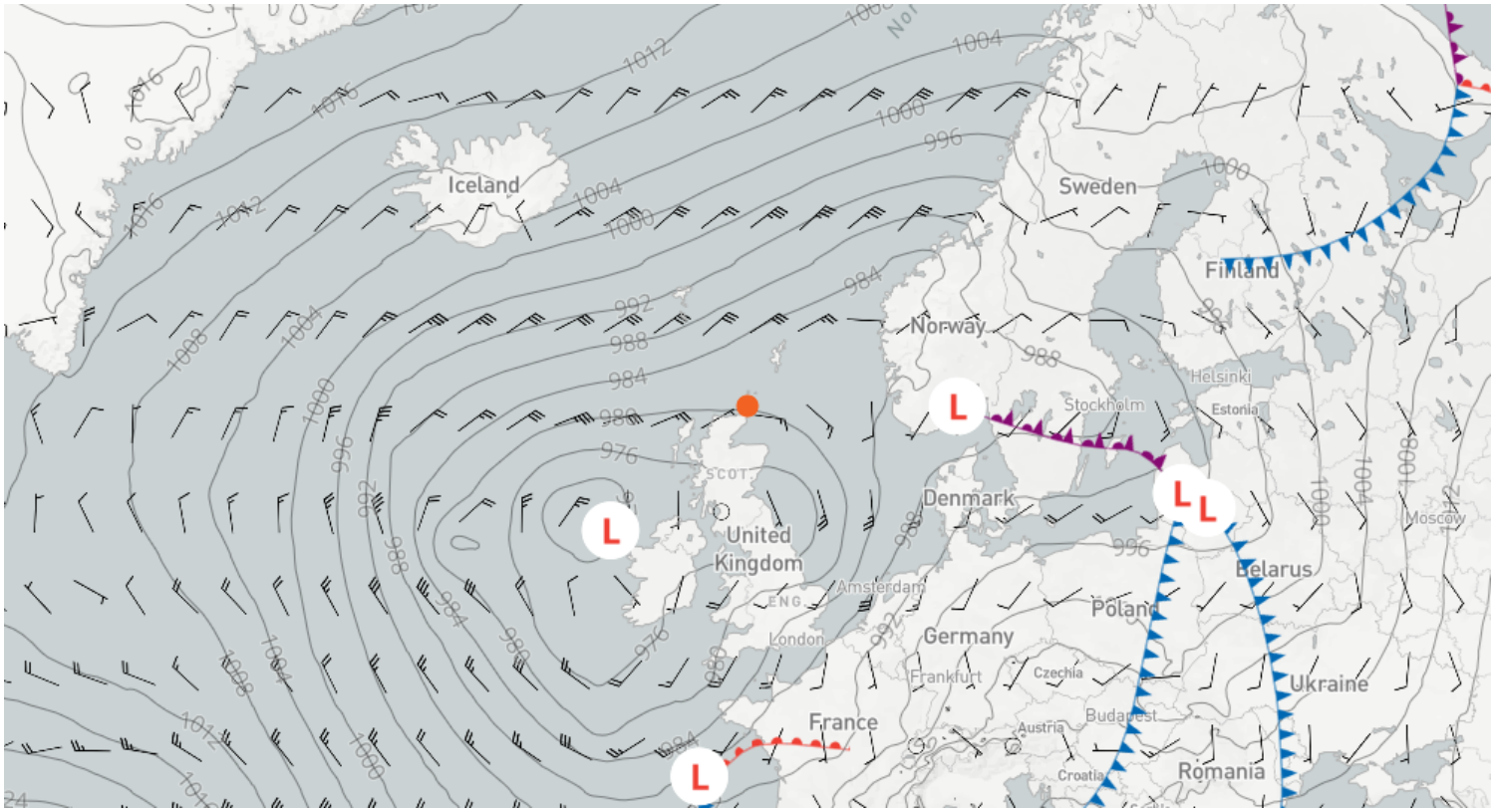
100m Wind Graph - 7 Day **Scapa Flow**



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



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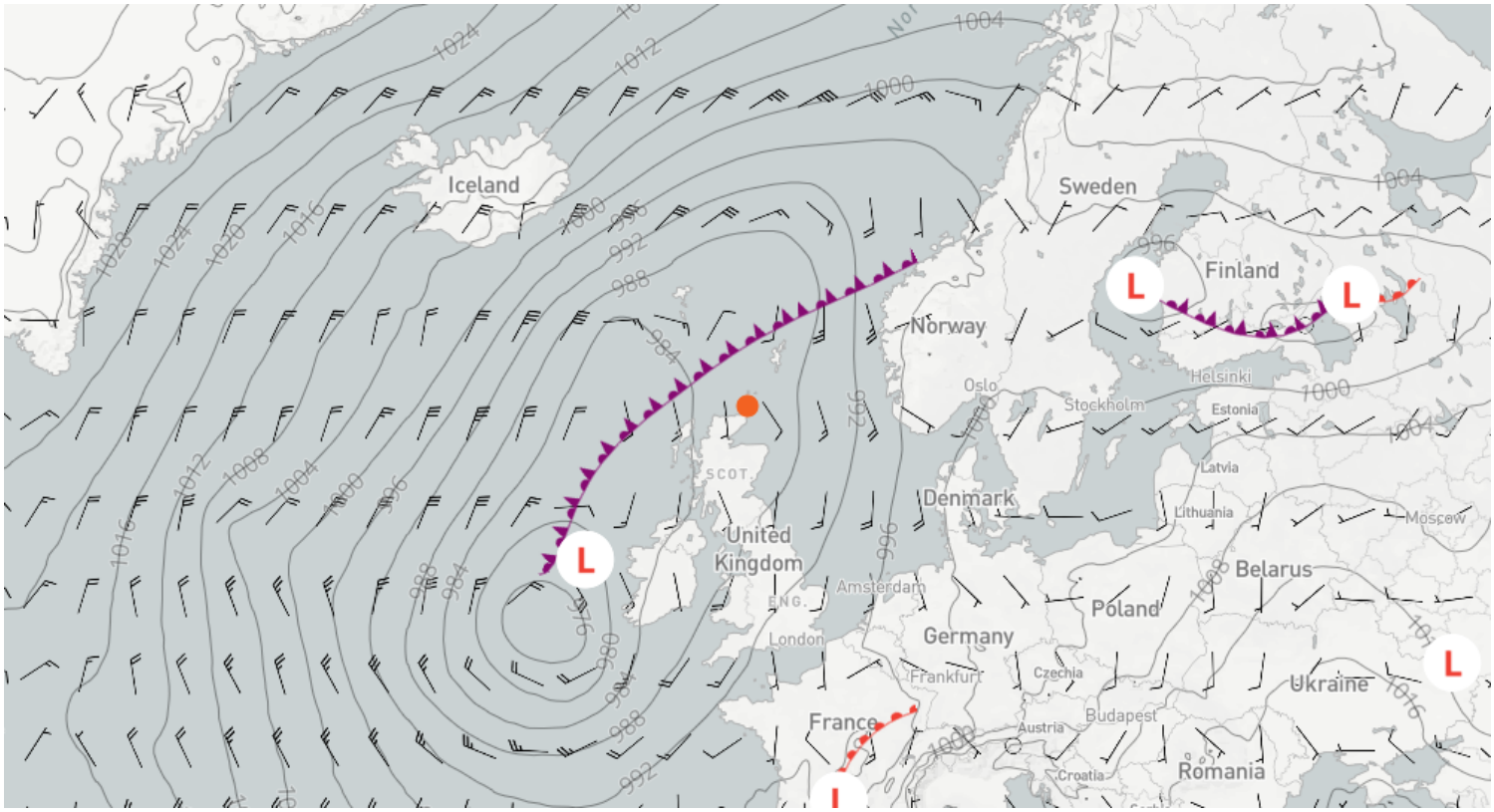
Issued on 28 March 2024, 00:00 UTC | Forecast for 30 March 2024, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



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