



Single Location Forecast - 7 Day

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

Issued on 16 April 2024, 04:01 UTC

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

Meteorological Situation

A deep low-pressure area over the North Sea is influencing the weather today with unsettled conditions pushing through the region. This Low is forecast to gradually move towards Eastern Europe, building a northerly flow in its wake until Wednesday 17th. Afterwards, a high-pressure over the Atlantic will build a ridge towards the UK and the North Sea however, it will be pushed away quickly as a new Low will push frontal trough over the area on Thursday 18th. This Low is then expected to move SE, across the North Sea towards the Baltic Sea, bringing unsettled weather conditions on Friday 19th. Local conditions next 72 hrs: Wind: variable direction, fresh, increasing to strong breeze (risk of gale). Sea temperature: 7-8C.

Warnings (next 24 Hours)

Gale
Tue17-Wed00
UTC.

Wind Shear
● Tue 16-04-
2024 21:00

Lightning Risk
● Low

Confidence
● Low

Criteria Levels

Winds 10m Spd
35 kts

Winds											Weather									
UTC	10m				50m			100m			Type (text)	Air						Cloud		MSLP (hPa)
	Dir (text)	Spd (kts)	Risk (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)	Dir (deg)	Spd (kts)	Gust (kts)		T10 (°C)	T50 (°C)	T100 (°C)	Td10 (°C)	Vis10 (text)	RH (%)	Base (ft)	Frac (%)	
Tuesday 16 April 2024																				
03	NW	18	25	23	330	23	29	330	25	31	nsw	6	5	5	1	good	73	3500	46	1009
06	NW	17	22	22	330	21	27	330	23	29	nsw	5	5	4	0	good	71	2000	37	1011
09	NW	15	19	21	320	18	24	320	20	26	nsw	6	5	5	-1	good	63	3500	49	1012
12	WNW	12	15	17	290	14	19	290	15	20	shra	6	5	5	0	good	68	3500	69	1012
15	NW	17	23	22	320	20	26	320	22	29	shra	5	4	4	0	mod	73	3500	36	1011
18	W	24	32	31	280	30	38	280	34	43	shra	5	5	4	2	good	79	1000	74	1010
21	NW	22	35	28	320	30	38	320	34	43	shra	6	5	5	3	good	82	3500	54	1009
Wednesday 17 April 2024																				
00	N	22	33	28	10	27	35	20	30	38	nsw	5	5	4	2	good	83	nlc	16	1012
03	N	14	27	19	10	20	26	10	21	27	nsw	5	5	4	0	good	71	3500	35	1014
06	N	10	20	14	0	14	19	0	16	21	nsw	6	5	5	2	good	79	2000	47	1015
09	N	8	16	12	0	11	15	0	13	18	nsw	6	6	6	2	good	75	2000	51	1016
12	NE	7	10	11	40	8	12	40	9	13	shra	7	7	6	2	good	71	2000	43	1017
15	NE	6	6	9	50	6	9	50	6	9	nsw	7	7	6	2	good	68	2000	59	1018
18	NNE	4	5	6	10	3	6	0	3	6	nsw	7	6	6	2	good	73	2000	58	1019
21	W	4	5	6	270	4	6	270	3	6	nsw	6	5	5	2	good	79	3500	36	1020
Thursday 18 April 2024																				
00	WSW	3	7	6	250	4	7	260	5	8	nsw	6	5	5	3	good	82	3500	64	1019
03	SW	7	10	10	230	9	13	230	9	13	nsw	6	5	5	3	good	82	nlc	77	1018
06	SW	10	16	14	230	13	18	230	14	19	dz	6	6	5	2	good	79	3500	80	1016
09	WSW	14	18	19	250	18	24	250	21	27	ra	7	7	6	4	md/gd	82	2000	80	1014
12	WSW	15	22	20	240	19	25	240	21	27	ra	7	7	6	5	md/gd	84	2000	80	1013



Single Location Forecast - 7 Day

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

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

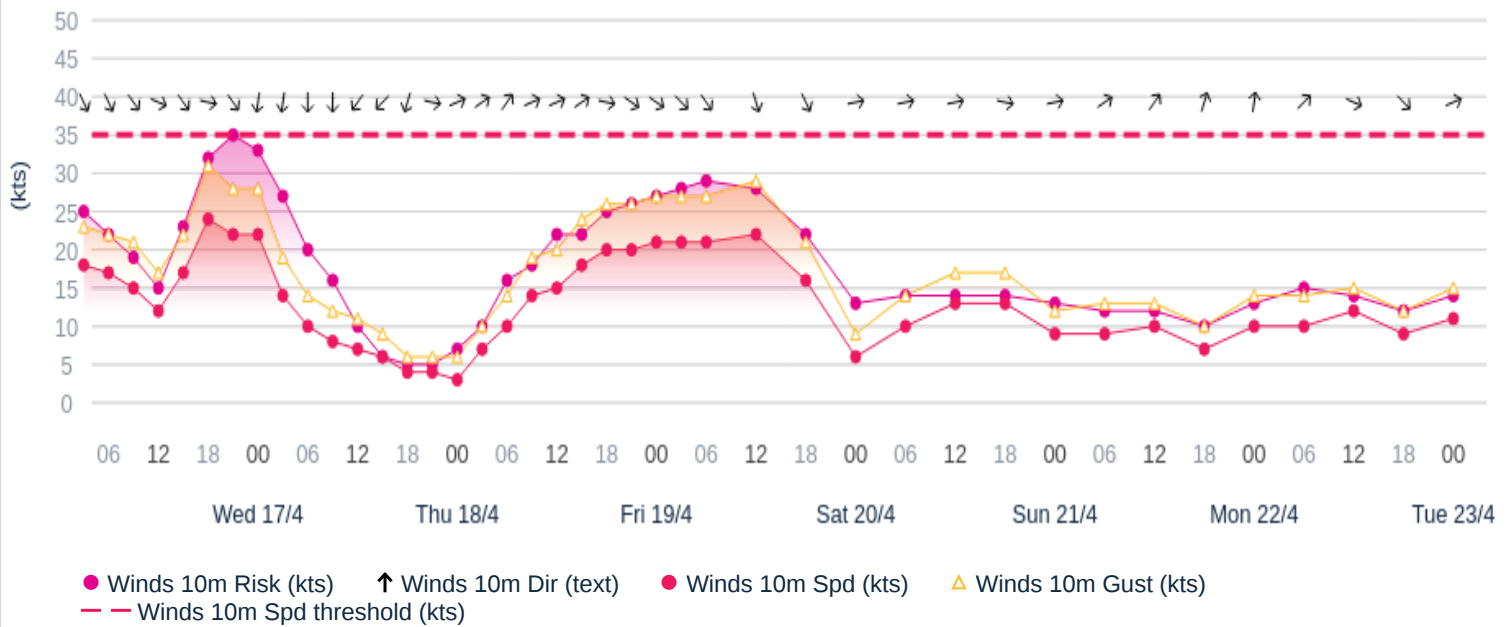
Issued on 16 April 2024, 04:01 UTC

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)
15	SW	18	22	24	240	23	30	240	25	32	ra	8	8	7	6	md/gd	86	3500	80	1010
18	W	20	25	26	280	27	34	280	29	37	ra	8	8	8	6	good	89	1000	73	1008
21	WNW	20	26	26	300	24	31	300	27	34	nsw	7	7	7	5	good	86	3500	44	1009
Friday 19 April 2024																				
00	WNW	21	27	27	300	26	33	300	28	36	nsw	7	7	7	5	good	85	3500	59	1009
03	NW	21	28	27	310	26	34	310	28	36	ra	7	6	6	4	good	82	3500	59	1010
06	NW	21	29	27	320	26	34	320	28	36	ra	6	6	5	2	good	78	3500	59	1011
12	NNW	22	28	29	340	26	33	340	28	36	nsw	6	6	5	1	good	71	3500	56	1017
18	NW	16	22	21	330	18	24	330	21	27	nsw	6	6	5	0	good	68	3500	35	1021
Saturday 20 April 2024																				
00	WSW	6	13	9	260	7	11	270	8	12	nsw	6	6	6	2	good	74	3500	67	1023
06	WSW	10	14	14	260	14	19	260	15	20	ra	7	7	7	5	good	83	3500	72	1024
12	WSW	13	14	17	260	16	21	260	18	23	ra	9	8	8	7	md/gd	91	500	79	1025
18	W	13	14	17	280	16	20	280	17	22	ra	9	9	8	7	good	91	500	77	1027
Sunday 21 April 2024																				
00	WSW	9	13	12	260	13	17	260	15	18	nsw	9	8	8	7	good	92	500	79	1029
06	SW	9	12	13	250	12	16	250	14	17	nsw	8	8	8	7	good	91	500	80	1030
12	SW	10	12	13	220	12	15	220	13	16	nsw	9	9	9	7	good	83	3500	79	1030
18	SSW	7	10	10	210	9	12	220	10	13	dz	9	9	9	7	good	85	3500	80	1028
Monday 22 April 2024																				
00	S	10	13	14	190	15	19	190	17	21	nsw	9	8	8	7	good	87	2000	79	1027
06	SW	10	15	14	230	13	17	240	15	18	ra	8	8	7	5	good	83	2000	78	1026
12	WNW	12	14	15	300	14	18	300	15	19	ra	9	8	8	5	good	80	3500	68	1025
18	NW	9	12	12	300	10	13	300	10	14	dz	8	8	7	3	good	70	3500	71	1024
Tuesday 23 April 2024																				
00	WSW	11	14	15	260	14	18	260	15	19	nsw	7	7	7	4	good	80	2000	48	1023

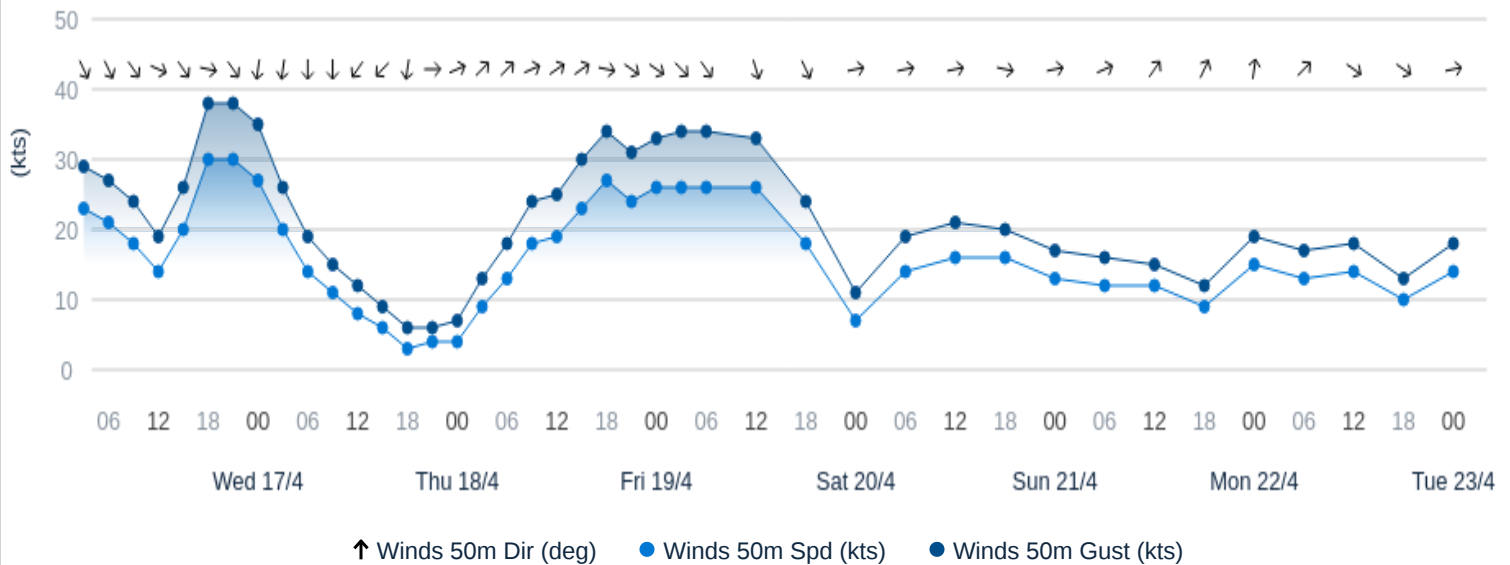
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

Copyright 2024© DTN

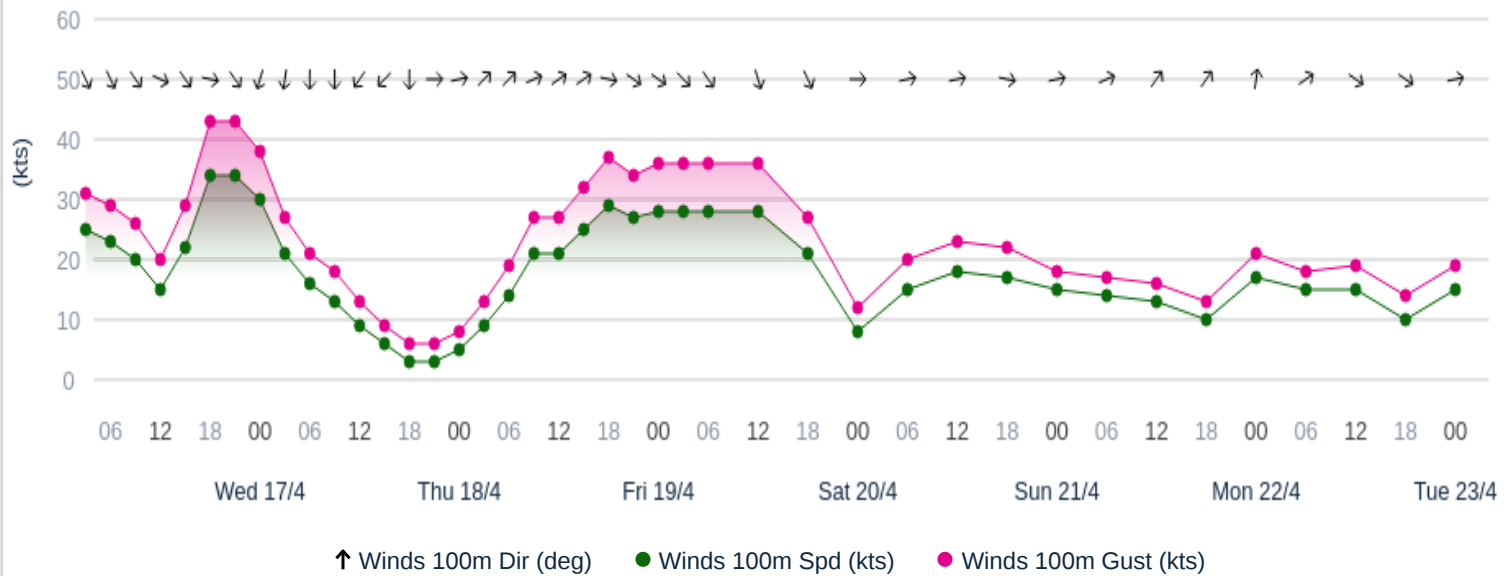
10m Wind Graph - 7 Day Scapa Flow



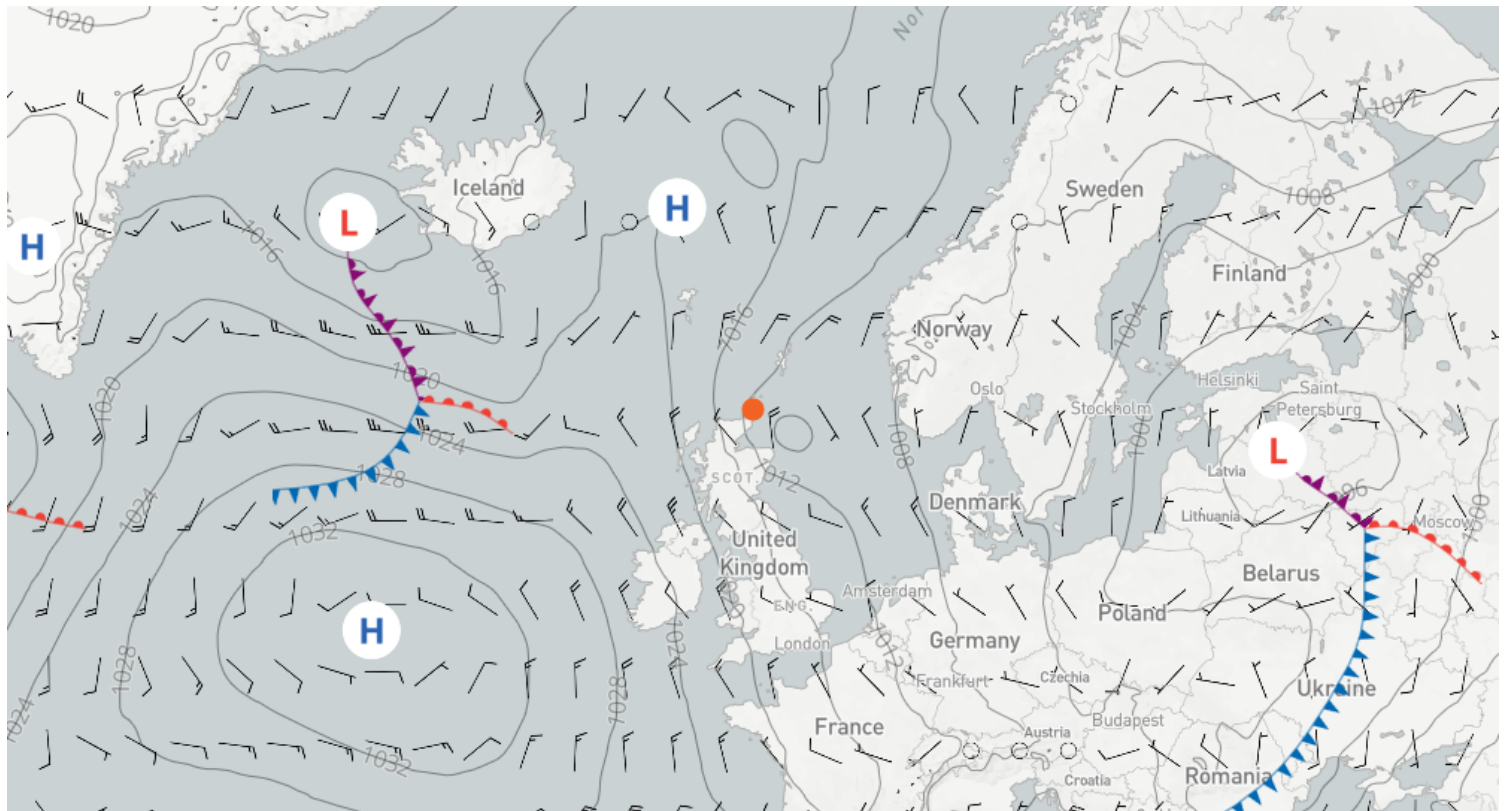
50m Wind Graph - 7 Day Scapa Flow



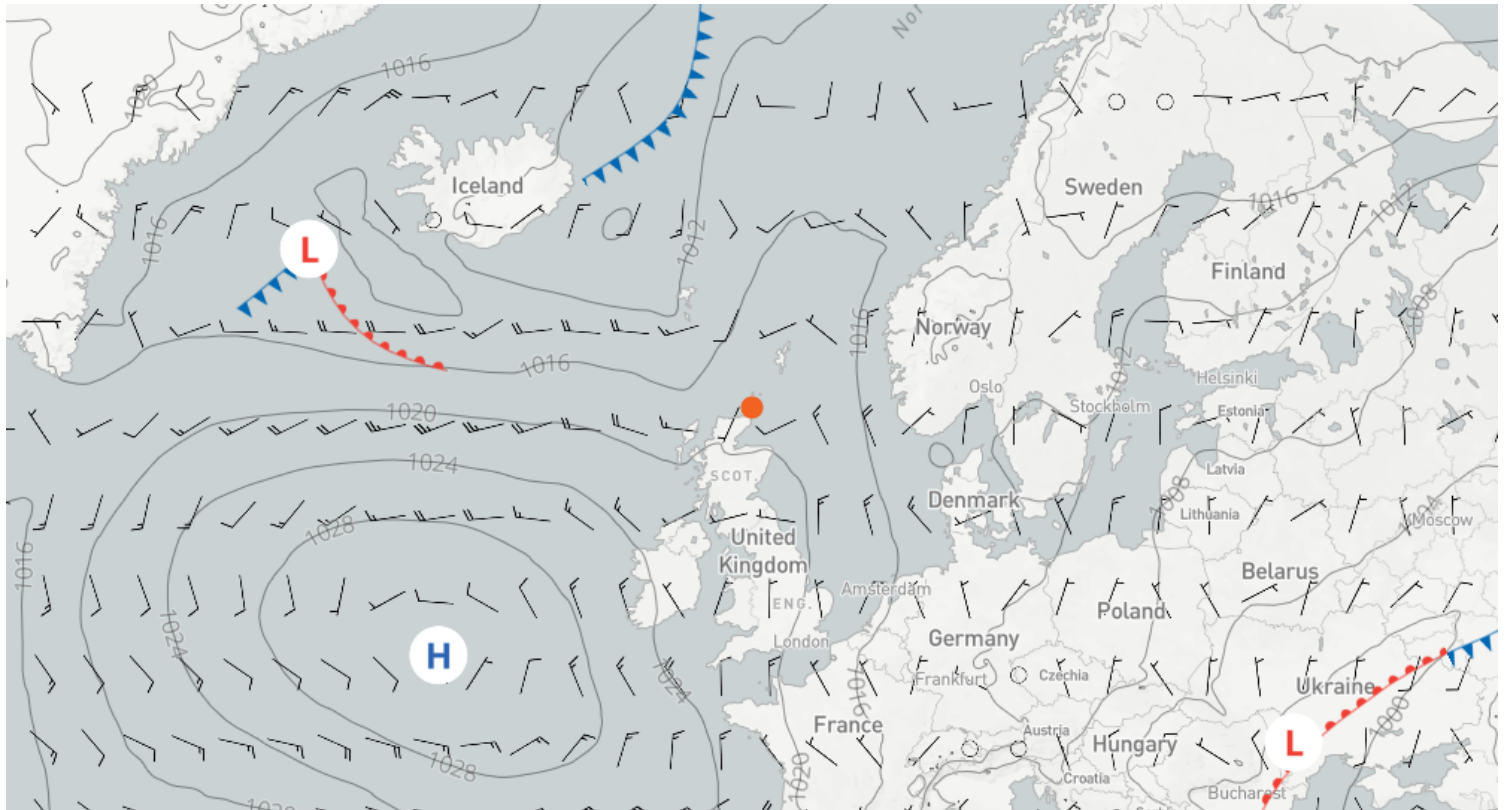
100m Wind Graph - 7 Day Scapa Flow



Issued on 16 April 2024, 00:00 UTC | Forecast for 17 April 2024, 00:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 16 April 2024, 00:00 UTC | Forecast for 18 April 2024, 00:00 UTC (+48) | 10m Wind Speed + Surface Pressure and Fronts



page intentionally left blank