

Meteorological Situation

Northerly flow will end today while tonight a weak mobile ridge will cross Orkney. Thursday a low will cross Shetland and the associated frontal trough will move across Orkney with rain and winds peaking into F6, risk F7. Atlantic high will settle across Scotland in the weekend with weak disturbances crossing Scapa and the high will cover Orkney on Monday before moving slowly westward later next week. The slightly unsettled N-lies will then return to Scapa, being limited to F 4. Local conditions next 72 hrs: Wind: N-ly, backing, light, increasing to strong breeze on 18 April 15 UTC (risk of near gale). Sea temperature: 7-8C.

Warnings (next 24 Hours)

Gale
● Nil

Wind Shear
● Thu 18-04-
2024 12:00

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 (%)		
Wednesday 17 April 2024																					
12	N	5	8	7	10	6	8	10	6	8	nsw	7	7	7	2	good	67	3500	43	1017	
15	E	4	6	6	80	4	6	70	4	6	dz	8	7	7	2	good	68	3500	43	1018	
18	N	2	5	4	0	2	4	0	2	4	nsw	7	7	6	3	good	73	2000	55	1019	
21	SW	3	4	5	240	4	6	250	5	7	nsw	6	6	6	3	good	79	3500	46	1020	
Thursday 18 April 2024																					
00	W	6	9	8	270	8	10	270	9	11	dz	6	6	5	3	good	82	3500	78	1019	
03	SW	8	15	11	230	12	15	230	13	16	nsw	6	5	5	3	good	83	nlc	80	1017	
06	SW	12	19	17	220	15	20	220	17	21	ra	6	6	5	3	good	80	3500	80	1015	
09	SW	15	20	21	240	20	26	240	22	28	ra	7	7	6	5	md/gd	87	2000	80	1012	
12	WSW	17	22	24	250	22	29	250	24	31	ra	8	8	7	6	md/gd	87	2000	77	1007	
15	WNW	23	25	32	290	30	39	290	33	42	ra	8	8	8	6	good	87	2000	64	1005	
18	NW	20	26	28	310	25	32	310	27	35	nsw	8	7	7	5	good	85	3500	38	1006	
21	NW	22	28	29	310	27	34	310	29	37	nsw	7	7	6	4	good	83	nlc	23	1008	
Friday 19 April 2024																					
00	NW	23	31	30	320	29	36	320	31	39	dz	6	6	5	3	good	78	3500	77	1009	
03	NW	23	32	31	320	30	39	320	33	42	nsw	6	5	5	2	good	76	3500	58	1011	
06	NW	24	32	32	330	31	39	330	34	43	nsw	5	5	4	1	good	72	3500	53	1014	
09	NW	23	30	30	340	28	36	340	31	38	nsw	5	5	4	-0	good	67	3500	42	1017	
12	NW	23	29	31	330	27	35	330	29	37	nsw	5	5	4	-1	good	64	3500	50	1019	
15	NNW	20	27	27	340	25	32	340	27	34	nsw	5	5	4	-1	good	62	3500	62	1021	
18	NNW	18	24	23	340	21	27	340	23	28	nsw	5	4	4	-1	good	65	3500	74	1023	
21	NNW	13	21	19	340	17	22	340	19	23	nsw	5	4	4	-2	good	64	3500	78	1025	
Saturday 20 April 2024																					



Single Location Forecast - 7 Day

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

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

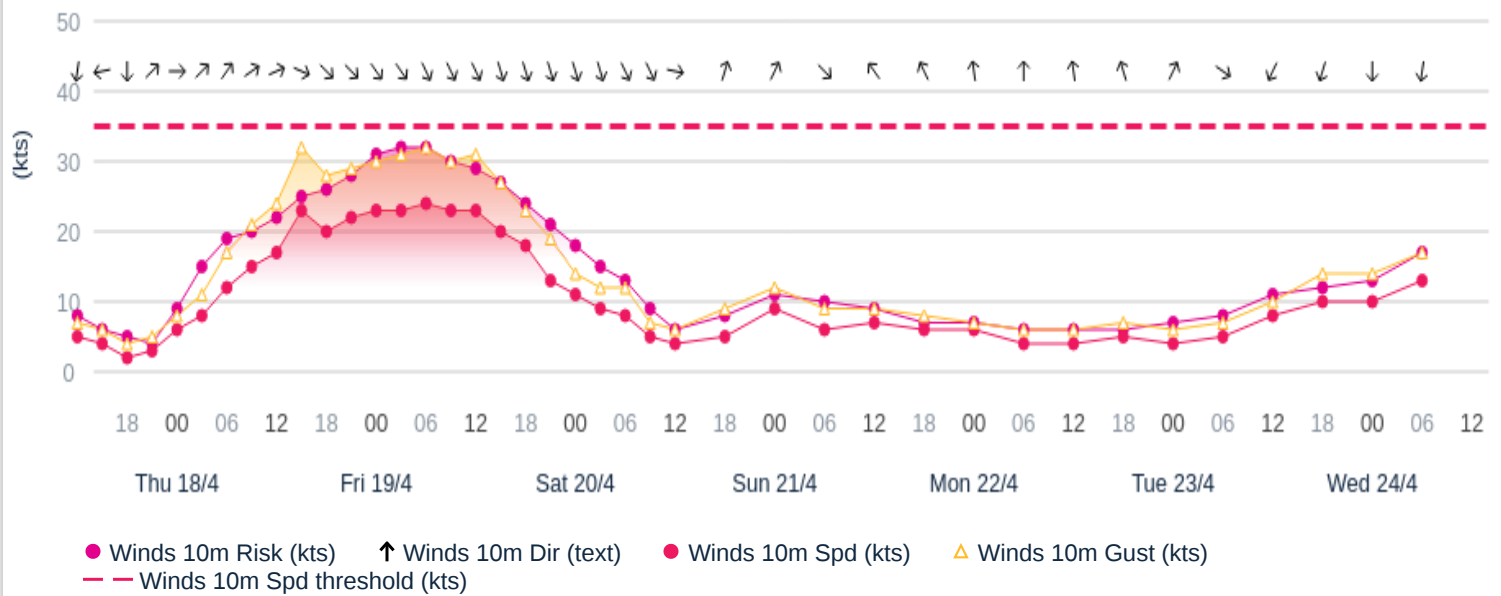
Issued on 17 April 2024, 14:01 UTC

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)
00	NNW	11	18	14	340	14	18	340	16	19	nsw	4	4	3	-2	good	65	3500	71	1026
03	NNW	9	15	12	340	13	16	340	14	17	nsw	4	4	3	-2	good	66	3500	73	1027
06	NW	8	13	12	330	10	14	340	11	15	nsw	4	4	4	-2	good	65	3500	74	1028
09	NW	5	9	7	330	5	7	330	5	7	nsw	5	5	4	-1	good	62	nlc	76	1030
12	W	4	6	6	280	4	6	280	3	6	nsw	6	6	5	-1	good	61	nlc	79	1031
18	SSW	5	8	9	200	5	9	200	5	9	ra	5	5	5	2	md/gd	80	3500	80	1031
Sunday 21 April 2024																				
00	SSW	9	11	12	210	11	14	220	12	15	ra	7	6	6	5	md/gd	91	1000	80	1031
06	NW	6	10	9	310	8	11	310	9	12	ra	8	8	8	7	good	94	500	80	1031
12	SE	7	9	9	140	7	10	150	7	10	ra	8	8	8	6	good	87	1000	80	1033
18	SSE	6	7	8	160	7	9	160	7	9	nsw	8	8	7	6	good	87	1000	79	1034
Monday 22 April 2024																				
00	SSE	6	7	7	170	6	8	170	7	9	nsw	7	7	7	5	good	87	1000	79	1035
06	S	4	6	6	180	4	6	180	4	6	nsw	7	7	7	5	good	86	2000	78	1035
12	SSE	4	6	6	170	4	6	170	4	6	nsw	8	8	7	5	good	79	3500	78	1035
18	SSE	5	6	7	160	4	7	160	4	7	nsw	7	7	7	4	good	80	nlc	76	1034
Tuesday 23 April 2024																				
00	SSW	4	7	6	200	4	6	200	4	6	nsw	7	6	6	4	good	85	nlc	59	1034
06	WNW	5	8	7	310	6	8	310	6	8	nsw	7	7	7	5	good	85	1000	79	1033
12	NNE	8	11	10	30	8	10	30	9	11	dz	9	9	8	6	good	84	1000	80	1032
18	NNE	10	12	14	20	12	15	20	12	16	dz	8	8	8	6	good	88	200	79	1031
Wednesday 24 April 2024																				
00	N	10	13	14	0	12	16	10	13	17	nsw	8	7	7	6	good	87	1000	65	1030
06	N	13	17	17	10	15	20	10	17	21	nsw	7	6	6	4	good	81	2000	45	1029

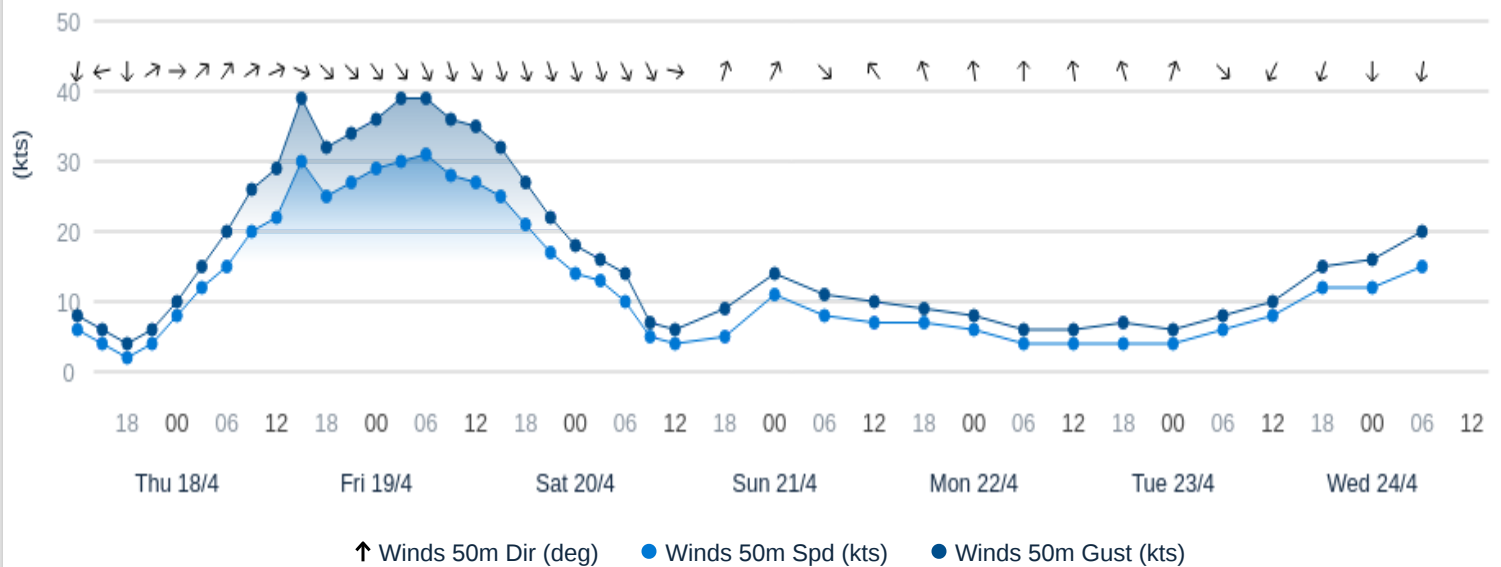
WX=Weather, FG=Fog, DZ=Drizzle, RA=Rain, SN=Snow, SHRA=Rainshower, SHSN=Snowshower, GR=Hail, TS=Thunderstorm, NSW=No sig weather

Copyright 2024© DTN

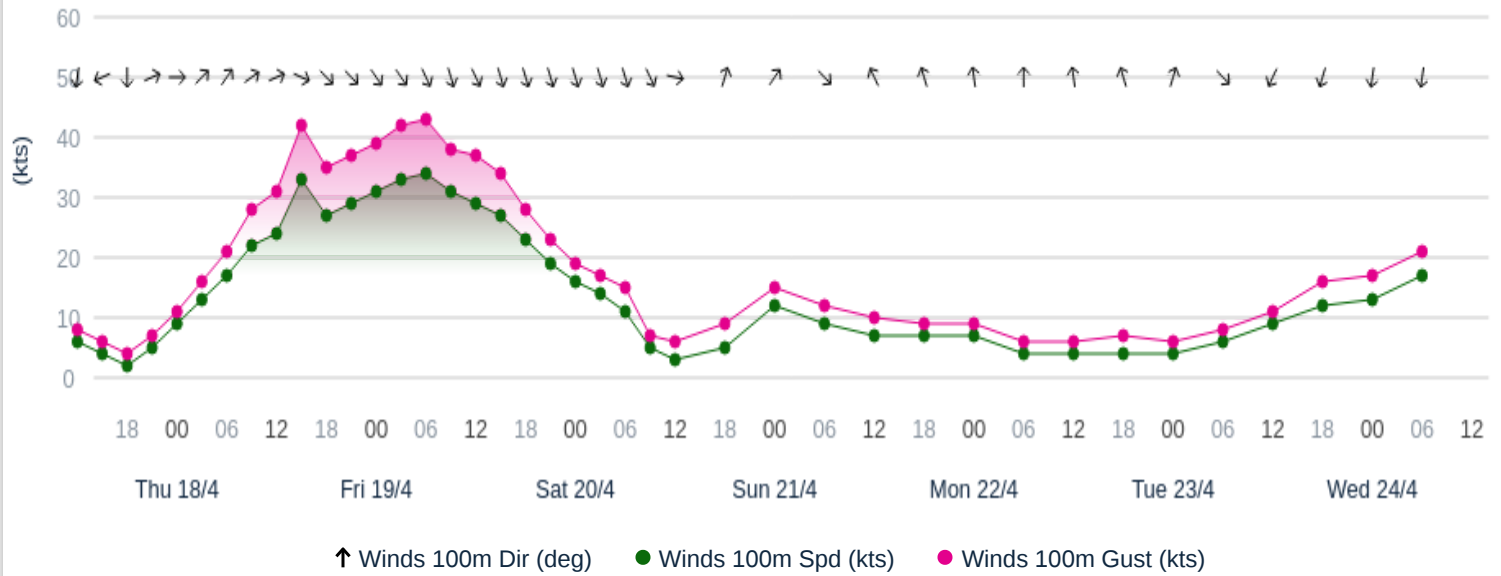
10m Wind Graph - 7 Day Scapa Flow



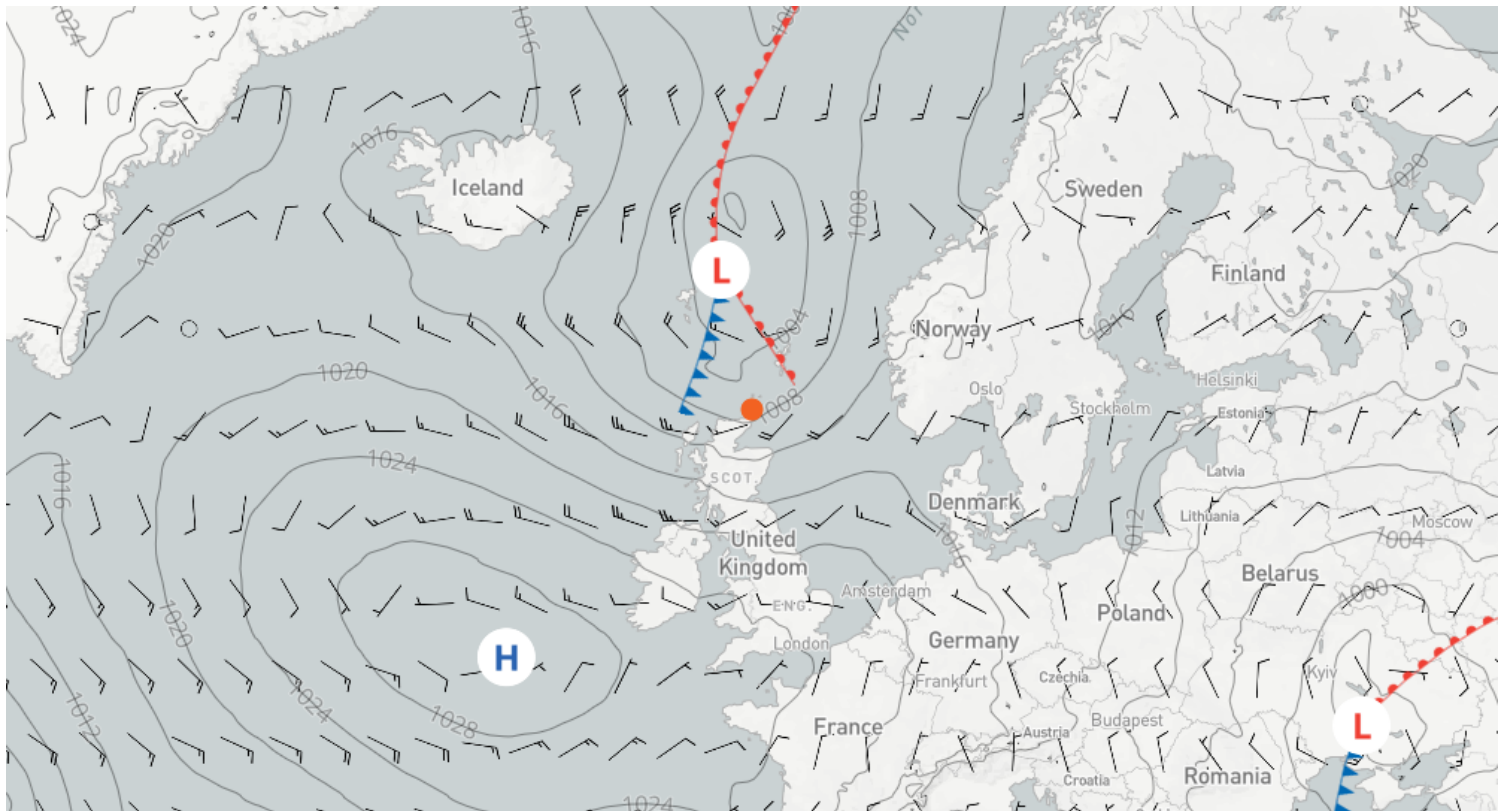
50m Wind Graph - 7 Day Scapa Flow



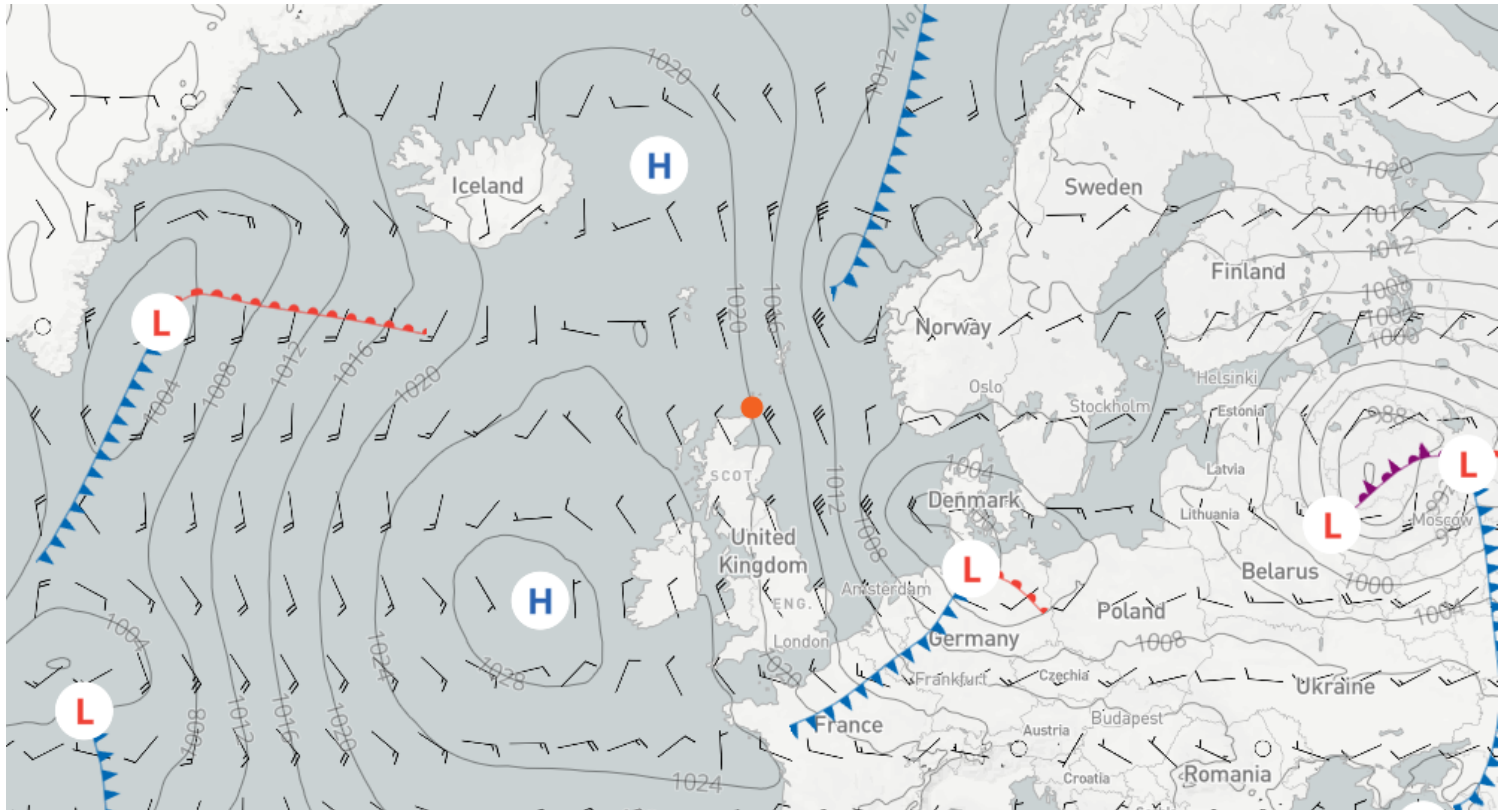
100m Wind Graph - 7 Day Scapa Flow



Issued on 17 April 2024, 12:00 UTC | Forecast for 18 April 2024, 12:00 UTC (+24) | 10m Wind Speed + Surface Pressure and Fronts



Issued on 17 April 2024, 14:01 UTC

Issued on 17 April 2024, 12:00 UTC | Forecast for 19 April 2024, 12:00 UTC (+48) | 10m Wind Speed +
Surface Pressure and Fronts

page intentionally left blank