

Expedition Weather

Forecast Weather

As with any diving expedition numerous hours were spent in the week preceding departure constantly refreshing various weather sites hoping for favourable conditions. Fortunately two semi-dependable websites (www.xcweather.com and www.windguru.com) showed similar forecasts for the week with moderate to light winds initially north-westerly before backing southerly/south-westerly. The only exception to the light wind was forecast to be Wednesday 10th Sep with wind speed predicted to be force 4 gusting 6.

Dunvegan										Sun 7 Sep BST									
Highland, Scotland, United Kingdom																			
Lat: 57.44 Long: -6.58																			
Bookmark																			
Fri 5 Sep BST																			
Time	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure		Time	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure	
16:00	NW	12 mph	14 mph	13 C	0 mm	☀	4%	1018 mb		01:00	NNW	18 mph	22 mph	13 C	0.1 mm	☁	85%	1018 mb	
19:00	NNW	14 mph	15 mph	13 C	0.1 mm	☁	69%	1018 mb		04:00	NNW	16 mph	21 mph	13 C	0.1 mm	☁	76%	1018 mb	
22:00	NW	12 mph	14 mph	13 C	0.1 mm	☁	63%	1019 mb		07:00	NNW	14 mph	17 mph	12 C	0.1 mm	☁	53%	1019 mb	
										10:00	NNW	13 mph	15 mph	13 C	0.1 mm	☁	46%	1020 mb	
										13:00	NNW	13 mph	14 mph	13 C	0 mm	☁	74%	1020 mb	
										16:00	NNW	14 mph	15 mph	13 C	0.1 mm	☁	76%	1020 mb	
										19:00	NNW	13 mph	15 mph	13 C	0.1 mm	☁	88%	1020 mb	
										22:00	N	10 mph	14 mph	13 C	0 mm	☁	78%	1021 mb	
Sat 6 Sep BST										Mon 8 Sep BST									
Time	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure		Time	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure	
01:00	NW	14 mph	16 mph	13 C	0.1 mm	☁	23%	1018 mb		01:00	NNW	9 mph	12 mph	13 C	0 mm	☁	32%	1021 mb	
04:00	NW	14 mph	16 mph	12 C	0.1 mm	☁	56%	1017 mb		04:00	NNW	8 mph	10 mph	13 C	0.1 mm	☁	59%	1021 mb	
07:00	NW	15 mph	20 mph	12 C	0.9 mm	☁	97%	1017 mb		07:00	N	8 mph	10 mph	13 C	0.1 mm	☁	90%	1022 mb	
10:00	NW	20 mph	24 mph	13 C	0.8 mm	☁	91%	1017 mb		10:00	N	7 mph	8 mph	13 C	0 mm	☁	83%	1022 mb	
13:00	NW	21 mph	24 mph	13 C	0.2 mm	☁	69%	1016 mb		13:00	NNW	7 mph	7 mph	13 C	0 mm	☁	94%	1022 mb	
16:00	NW	20 mph	22 mph	13 C	0.2 mm	☁	74%	1016 mb		16:00	NW	7 mph	7 mph	13 C	0 mm	☁	91%	1022 mb	
19:00	NW	20 mph	23 mph	13 C	0.1 mm	☁	86%	1016 mb		19:00	NW	6 mph	6 mph	13 C	0 mm	☁	77%	1022 mb	
22:00	NNW	18 mph	22 mph	13 C	0.1 mm	☁	88%	1017 mb		22:00	WNW	3 mph	3 mph	13 C	0 mm	☁	83%	1023 mb	

Tue 9 Sep BST									Thu 11 Sep BST								
	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure		Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure
01:00	WSW	3 mph	5 mph	13 C	0 mm		83%	1022 mb	01:00	SSW	9 mph	13 mph	14 C	0.2 mm		95%	1017 mb
04:00	SW	6 mph	7 mph	13 C	0 mm		87%	1021 mb	04:00	SSW	7 mph	9 mph	14 C	1.1 mm		97%	1016 mb
07:00	SSW	8 mph	9 mph	13 C	0 mm		77%	1021 mb	07:00	WSW	3 mph	5 mph	13 C	6.9 mm		100%	1015 mb
10:00	SSW	10 mph	13 mph	13 C	0 mm		73%	1021 mb	10:00	WNW	5 mph	5 mph	13 C	5.1 mm		100%	1014 mb
13:00	SSW	12 mph	14 mph	13 C	0 mm		54%	1021 mb	13:00	WSW	5 mph	5 mph	13 C	2.3 mm		100%	1015 mb
16:00	SSW	12 mph	14 mph	14 C	0 mm		62%	1020 mb	16:00	SW	7 mph	8 mph	13 C	0 mm		89%	1015 mb
19:00	S	12 mph	15 mph	14 C	0 mm		19%	1019 mb	19:00	WSW	7 mph	9 mph	13 C	0 mm		5%	1015 mb
22:00	S	13 mph	16 mph	13 C	0 mm		10%	1019 mb	22:00	SW	8 mph	9 mph	13 C	0.1 mm		28%	1016 mb

Wed 10 Sep BST									Fri 12 Sep BST								
	Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure		Wind	Avg.	Gust	Temp.	Rain	Weather	Cloud	Pressure
01:00	S	14 mph	18 mph	13 C	0 mm		0%	1018 mb	01:00	SW	9 mph	10 mph	13 C	0.1 mm		42%	1017 mb
04:00	S	15 mph	22 mph	14 C	0 mm		0%	1017 mb	04:00	WSW	9 mph	12 mph	13 C	0 mm		22%	1017 mb
07:00	S	17 mph	25 mph	13 C	0 mm		6%	1016 mb	07:00	WSW	10 mph	13 mph	13 C	0 mm		1%	1018 mb
10:00	S	21 mph	30 mph	14 C	0 mm		28%	1015 mb	10:00	WSW	12 mph	14 mph	13 C	0.1 mm		3%	1018 mb
13:00	S	23 mph	32 mph	14 C	0.5 mm		88%	1014 mb	13:00	WSW	14 mph	16 mph	14 C	0 mm		3%	1019 mb
16:00	S	22 mph	31 mph	14 C	1.6 mm		93%	1015 mb	16:00	SW	14 mph	17 mph	14 C	0 mm		2%	1019 mb
19:00	SSW	15 mph	21 mph	14 C	0.2 mm		90%	1016 mb	19:00	SW	15 mph	18 mph	13 C	0 mm		17%	1019 mb
22:00	SSW	9 mph	12 mph	14 C	0.1 mm		85%	1017 mb	22:00	SSW	16 mph	20 mph	13 C	0.8 mm		44%	1020 mb

www.xcweather.co.uk

United Kingdom - Portree (Borve) [Options]																												
Forecast v 2D Map Webcams Wind reports																												
GFS 50 km		Fr	Fr	Fr	Fr	Fr	Fr	Sa	Sa	Sa	Sa	Sa	Sa	Su	Su	Su	Su	Su	Su	Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo	
05.09.2014		05	05	05	05	05	05	06	06	06	06	06	06	07	07	07	07	07	07	08	08	08	08	08	08	08	08	
06 UTC		07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h	22h
Wind speed (Bft)		3	2	3	3	3	2	3	3	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	2	1	
Wind gusts (Bft)		3	2	3	3	3	4	4	5	5	5	5	5	5	4	4	4	3	4	4	3	2	2	2	2	2	1	
Wind direction		↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	↘	
*Temperature (°C)		12	13	14	14	13	12	11	11	12	12	13	12	11	12	11	12	13	13	12	11	11	11	13	13	14	13	11
Cloud cover (%)		-	-	-	-	-	-	11	28	23	-	-	-	-	-	-	-	-	-	10	63	64	89	89	70	-	-	
high / mid / low		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	14	
*Precip. (mm/3h)		-	-	-	-	-	-	0.4	1.6	1.9	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Windguru rating		☆☆☆☆☆																										
GFS 50 km		Tu	Tu	Tu	Tu	Tu	Tu	We	We	We	We	We	We	We	Th	Th	Th	Th	Th	Th	Th	Fr	Fr	Fr	Fr	Fr	Fr	
05.09.2014		09	09	09	09	09	09	10	10	10	10	10	10	10	11	11	11	11	11	11	11	12	12	12	12	12	12	
06 UTC		04h	07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h	22h	04h	07h	10h	13h	16h	19h
Wind speed (Bft)		2	2	2	3	3	3	3	3	3	4	4	4	4	3	2	1	1	2	2	2	2	2	2	3	3	3	3
Wind gusts (Bft)		2	2	3	3	3	3	3	4	4	5	6	6	5	4	3	2	2	2	2	2	3	3	3	4	4	4	
Wind direction		↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	↗	
*Temperature (°C)		10	11	13	14	14	13	12	12	12	14	16	15	13	13	13	13	13	13	13	12	11	12	11	13	13	14	13
Cloud cover (%)		83	85	61	56	48	55	31	-	-	6	24	31	42	73	73	80	88	99	96	16	-	-	-	-	-	-	
high / mid / low		12	39	29	-	-	-	-	-	-	12	18	11	-	18	99	99	100	86	-	-	-	-	-	-	-	-	-
*Precip. (mm/3h)		-	-	-	-	-	-	-	-	-	57	78	92	88	94	96	89	50	33	5	64	46	32	33	22	6	-	
Windguru rating		☆☆☆☆☆																										
Lat: 57.408, Lon: -6.1771, Alt: 18 m, Timezone: BST (UTC+1) ☀️ 06:39 - 20:06 🌡️ 14 °C [Detail / Map] [Tides] [Link]																												

www.windguru.com

Actual Weather

The table below shows the actual weather data during the expedition. The winds remained light all week and did not increase as was predicted. To our surprise there was very little rain and an unexpected amount of sunshine.

Day	Date	Pressure (mb)	Wind (mph)		Wind Dir	Rain (mm)	Max Temp	Ave Humid
			Mean	Max				
1	Fri 05 Sep 2014	1019	8.1	12.4	NW	0.0	15°C	82%
2	Sat 06 Sep 2014	1018	13	19.9	NW	0.0	14°C	85%
3	Sun 07 Sep 2014	1020	11.8	16.1	NNW	0.0	15°C	80%
4	Mon 08 Sep 2014	1022	6.8	12.4	NW	0.0	16°C	83%
5	Tue 09 Sep 2014	1021	8.1	16.2	SW	0.0	15°C	86%
6	Wed 10 Sep 2014	1021	6.8	12.4	SSW	0.0	18°C	89%
7	Thu 11 Sep 2014	1022	3.1	6.8	W	0.0	17°C	93%
8	Fri 12 Sep 2014	1025	3.1	10.6	SSE	0.0	19°C	91%
9	Sat 13 Sep 2014	1028	3.1	6.8	Variable	0.0	19°C	87%

Water temperature was 13°C throughout the expedition