

UK Cable Route GT - Berwick-upon-Tweed - August

Latitude: 55.81 N Longitude: 1.35 E

Weather Days

Wave Height > 6.0 ft Mean: 6.5 days Range: 3.4 - 9.6 days p50:7 days p75:4.5 days p90:2 days

Wave Height > 7.0 ft Mean: 4.3 days Range: 1.8 - 6.7 days p50:4.5 days p75:3 days p90:2 days

Wave Height > 8.0 ft Mean: 2.8 days Range: 1.0 - 4.6 days p50:3 days p75:1.5 days p90:1 days

Wind Speed > 15.0 knots Mean: 12.3 days Range: 8.4 - 16.2 days p50:13 days p75:10.5 days p90:7.5 days

Wind Speed > 20.0 knots Mean: 5.3 days Range: 2.6 - 8.0 days p50:5.5 days p75:4 days p90:1.5 days

Wind Speed > 25.0 knots Mean: 1.7 days Range: 0.4 - 3.0 days p50:1.5 days p75:1 days p90:0.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 4.5 times per month
A 2 day or longer window will statistically occur 3.1 times per month
A 3 day or longer window will statistically occur 2.2 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.7 times per month
A 2 day or longer window will statistically occur 2.9 times per month
A 3 day or longer window will statistically occur 2.4 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.3 times per month
A 2 day or longer window will statistically occur 2.7 times per month
A 3 day or longer window will statistically occur 2.2 times per month

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 4 - 6 sec

The wave periods will occasionally reach 10 - 12 sec, but rarely longer.

Principle Direction, from: N

WindSea/Swell: 45% / 55%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 30 - 35 kts, but rarely greater.

Principle Direction, from: NNW

Currents

Mean Speed: 0.01-0.25 kts

The currents will occasionally reach 0.75-1.00 kts, but rarely greater.

Principle Direction, to: E

Weather Days

Current Speed > 1.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

Current Speed > 1.5 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

Current Speed > 2.0 knots Mean: 0.0 days Range: 0.0 - 0.0 days p50:1 days p75:1 days p90:1 days

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.