

# UK Cable Route GT - Berwick-upon-Tweed - April

Latitude: 55.81 N Longitude: 1.35 E

## Weather Days

Wave Height > 6.0 ft Mean: 9.9 days Range: 6.7 - 13.1 days p50:10.5 days p75:9 days p90:5 days

Wave Height > 7.0 ft Mean: 6.9 days Range: 3.9 - 9.9 days p50:7 days p75:6 days p90:4.5 days

Wave Height > 8.0 ft Mean: 4.9 days Range: 2.4 - 7.5 days p50:4.5 days p75:4 days p90:3 days

Wind Speed > 15.0 knots Mean: 14.3 days Range: 11.7 - 16.9 days p50:14.5 days p75:13 days p90:11 days

Wind Speed > 20.0 knots Mean: 6.8 days Range: 4.4 - 9.2 days p50:7 days p75:5.5 days p90:4.5 days

Wind Speed > 25.0 knots Mean: 2.5 days Range: 1.0 - 4.1 days p50:2.5 days p75:1.5 days p90:1 days

## Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 4.4 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 2.1 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 4.2 times per month  
A 2 day or longer window will statistically occur 3.2 times per month  
A 3 day or longer window will statistically occur 2.5 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 3.9 times per month  
A 2 day or longer window will statistically occur 3.0 times per month  
A 3 day or longer window will statistically occur 2.4 times per month

## Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach > 18 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 14 - 16 sec, but rarely longer.

Principle Direction, from: N

WindSea/Swell: 41% / 59%

## Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 35 - 40 kts, but rarely greater.

Principle Direction, from: SSW

## Currents

Mean Speed: 0.01-0.25 kts

The currents will occasionally reach 0.50-0.75 kts, but rarely greater.

Principle Direction, to: ENE

Weather Days

Current Speed > 1.0 knots Mean: 0.1 days Range: 0.0 - 0.3 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

There is a 6 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 26 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.