

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

Latitude: 55.81 N Longitude: 1.35 E

## Weather Days

Wave Height > 6.0 ft Mean: 10.7 days Range: 7.5 - 14.0 days p50:11 days p75:8 days p90:7 days

Wave Height > 7.0 ft Mean: 7.5 days Range: 4.4 - 10.6 days p50:8 days p75:5 days p90:4 days

Wave Height > 8.0 ft Mean: 5.2 days Range: 2.5 - 7.9 days p50:5.5 days p75:3 days p90:2 days

Wind Speed > 15.0 knots Mean: 16.3 days Range: 13.5 - 19.2 days p50:17.5 days p75:14.5 days p90:12.5 days

Wind Speed > 20.0 knots Mean: 8.8 days Range: 6.1 - 11.5 days p50:9.5 days p75:7 days p90:5.5 days

Wind Speed > 25.0 knots Mean: 3.7 days Range: 1.9 - 5.6 days p50:3.5 days p75:2.5 days p90:2 days

## Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 4.7 times per month  
A 2 day or longer window will statistically occur 2.8 times per month  
A 3 day or longer window will statistically occur 2.0 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 4.3 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 2.3 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 4.0 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 2.3 times per month

## Waves

Mean Height: 4 - 6 ft

The wave heights will occasionally reach 16 - 18 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 12 - 14 sec, but rarely longer.

Principle Direction, from: N

WindSea/Swell: 48% / 52%

## Winds

Mean Speed: 15 - 20 kts

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

Principle Direction, from: SW

## Currents

Mean Speed: 0.01-0.25 kts

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

Principle Direction, to: ESE

Weather Days

Current Speed > 1.0 knots Mean: 0.2 days Range: 0.0 - 0.6 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 16 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 19 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.