

# UK Cable Route GT - Middlesborough - August

Latitude: 54.60 N Longitude: 0.81 E

## Weather Days

Wave Height > 6.0 ft Mean: 3.3 days Range: 1.4 - 5.3 days p50:3.5 days p75:2.5 days p90:1 days

Wave Height > 7.0 ft Mean: 2.0 days Range: 0.6 - 3.5 days p50:2.5 days p75:2 days p90:1 days

Wave Height > 8.0 ft Mean: 1.2 days Range: 0.2 - 2.3 days p50:1.5 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 11.3 days Range: 7.4 - 15.1 days p50:12 days p75:9 days p90:6.5 days

Wind Speed > 20.0 knots Mean: 4.4 days Range: 2.0 - 6.8 days p50:4.5 days p75:3 days p90:1.5 days

Wind Speed > 25.0 knots Mean: 1.2 days Range: 0.2 - 2.2 days p50:1.5 days p75:0.5 days p90:0.5 days

## Working Window

Wave Height < 6.0 ft  
A 1 day or longer window will statistically occur 3.3 times per month  
A 2 day or longer window will statistically occur 2.9 times per month  
A 3 day or longer window will statistically occur 2.5 times per month

Wave Height < 7.0 ft  
A 1 day or longer window will statistically occur 2.6 times per month  
A 2 day or longer window will statistically occur 2.4 times per month  
A 3 day or longer window will statistically occur 2.1 times per month

Wave Height < 8.0 ft  
A 1 day or longer window will statistically occur 2.0 times per month  
A 2 day or longer window will statistically occur 1.9 times per month  
A 3 day or longer window will statistically occur 1.8 times per month

## Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 4 - 6 sec

The wave periods will occasionally reach 8 - 10 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: 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: NNE

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.