

UK Cable Route GT - Middlesborough - April

Latitude: 54.60 N Longitude: 0.81 E

Weather Days

Wave Height > 6.0 ft Mean: 6.2 days Range: 3.5 - 8.9 days p50:7 days p75:4.5 days p90:2.5 days

Wave Height > 7.0 ft Mean: 4.1 days Range: 2.0 - 6.1 days p50:4.5 days p75:3 days p90:1.5 days

Wave Height > 8.0 ft Mean: 2.8 days Range: 1.0 - 4.5 days p50:2.5 days p75:1.5 days p90:0.5 days

Wind Speed > 15.0 knots Mean: 14.1 days Range: 11.6 - 16.6 days p50:14 days p75:13 days p90:11.5 days

Wind Speed > 20.0 knots Mean: 6.2 days Range: 3.7 - 8.7 days p50:6.5 days p75:5.5 days p90:3 days

Wind Speed > 25.0 knots Mean: 2.0 days Range: 0.8 - 3.3 days p50:2.5 days p75:1.5 days p90:0.5 days

Working Window

Wave Height < 6.0 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 2.4 times per month

Wave Height < 7.0 ft
A 1 day or longer window will statistically occur 3.6 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 2.3 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 3.0 times per month
A 2 day or longer window will statistically occur 2.5 times per month
A 3 day or longer window will statistically occur 2.1 times per month

Waves

Mean Height: 2 - 4 ft

The wave heights will occasionally reach 14 - 16 ft, but rarely higher.

Mean Period: 4 - 6 sec

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

Principle Direction, from: N

WindSea/Swell: 43% / 57%

Winds

Mean Speed: 10 - 15 kts

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

Principle Direction, from: S

Currents

Mean Speed: 0.01-0.25 kts

The currents will occasionally reach 1.00-1.25 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

There is a 10 % chance of a storm occurring in the month with winds peaking above 34 kts.

There is a 16 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.