

Namibia TE Oranjemund (PEL-104) - December

Latitude: 28.60 S Longitude: 14.00 E

Weather Days

Wave Height > 5.0 ft Mean: 25.4 days Range: 23.4 - 27.3 days p50:26 days p75:24.5 days p90:22.5 days

Wave Height > 6.5 ft Mean: 19.7 days Range: 16.6 - 22.9 days p50:20 days p75:17 days p90:15.5 days

Wave Height > 8.0 ft Mean: 13.1 days Range: 10.1 - 16.1 days p50:13 days p75:10.5 days p90:9.5 days

Wind Speed > 15.0 knots Mean: 18.1 days Range: 15.3 - 21.0 days p50:19.5 days p75:17 days p90:15.5 days

Wind Speed > 20.0 knots Mean: 8.6 days Range: 6.2 - 11.1 days p50:9 days p75:7.5 days p90:6 days

Wind Speed > 25.0 knots Mean: 2.1 days Range: 1.0 - 3.1 days p50:2 days p75:1.5 days p90:1 days

Working Window

Wave Height < 5.0 ft
A 1 day or longer window will statistically occur 0.6 times per month
A 2 day or longer window will statistically occur 0.2 times per month
A 3 day or longer window will statistically occur 0.1 times per month

Wave Height < 6.5 ft
A 1 day or longer window will statistically occur 1.8 times per month
A 2 day or longer window will statistically occur 0.8 times per month
A 3 day or longer window will statistically occur 0.3 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 2.1 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Waves

Mean Height: 8 - 10 ft

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

Mean Period: 10 - 12 sec

The wave periods will occasionally reach 18 - 20 sec, but rarely longer.

Principle Direction, from: SW

WindSea/Swell: 11% / 89%

Winds

Mean Speed: 15 - 20 kts

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

Principle Direction, from: SSE

Currents

Mean Speed: 0.75-1.00 kts

The currents will occasionally reach 1.50-1.75 kts, but rarely greater.

Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 24.7 days Range: 20.0 - 29.4 days p50:27 days p75:22 days p90:19 days

Current Speed > 1.0 knots Mean: 9.1 days Range: 2.5 - 15.7 days p50:8 days p75:5 days p90:2 days

Current Speed > 1.5 knots Mean: 0.7 days Range: 0.0 - 1.9 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.