

Namibia TE Oranjemund (PEL-104) - January

Latitude: 28.60 S Longitude: 14.00 E

Weather Days

Wave Height > 5.0 ft Mean: 26.8 days Range: 24.7 - 28.8 days p50:27 days p75:25.5 days p90:24.5 days
Wave Height > 6.5 ft Mean: 21.5 days Range: 18.5 - 24.5 days p50:22 days p75:20 days p90:16.5 days
Wave Height > 8.0 ft Mean: 14.1 days Range: 11.2 - 17.1 days p50:14.5 days p75:12.5 days p90:11 days

Wind Speed > 15.0 knots Mean: 20.1 days Range: 16.4 - 23.7 days p50:21 days p75:18 days p90:14 days
Wind Speed > 20.0 knots Mean: 9.5 days Range: 6.9 - 12.2 days p50:10 days p75:7.5 days p90:6.5 days
Wind Speed > 25.0 knots Mean: 2.2 days Range: 1.0 - 3.4 days p50:2.5 days p75:1 days p90:1 days

Working Window

Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 0.3 times per month A 2 day or longer window will statistically occur 0.1 times per month A 3 day or longer window will statistically occur 0.0 times per month
Wave Height < 6.5 ft	A 1 day or longer window will statistically occur 1.5 times per month A 2 day or longer window will statistically occur 0.6 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 3.5 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 1.1 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 14 - 16 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: 17% / 83%

Winds

Mean Speed: 15 - 20 kts
The winds will occasionally reach 25 - 30 kts, but rarely greater.
Principle Direction, from: SSE

Currents

Mean Speed: 0.50-0.75 kts
The currents will occasionally reach 1.25-1.50 kts, but rarely greater.
Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 23.4 days Range: 17.9 - 28.9 days p50:25 days p75:22 days p90:19 days
Current Speed > 1.0 knots Mean: 5.3 days Range: 1.3 - 9.4 days p50:5 days p75:3 days p90:1 days
Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.6 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.