

Namibia TE Luderitz (PEL-83) - January

Latitude: 26.70 S Longitude: 13.50 E

Weather Days

Wave Height > 5.0 ft Mean: 24.0 days Range: 21.4 - 26.7 days p50:24.5 days p75:22.5 days p90:21 days
Wave Height > 6.5 ft Mean: 17.7 days Range: 14.6 - 20.9 days p50:18 days p75:16.5 days p90:13 days
Wave Height > 8.0 ft Mean: 11.9 days Range: 9.1 - 14.7 days p50:12 days p75:10 days p90:8.5 days

Wind Speed > 15.0 knots Mean: 16.8 days Range: 13.5 - 20.1 days p50:17.5 days p75:14 days p90:12.5 days
Wind Speed > 20.0 knots Mean: 9.8 days Range: 7.0 - 12.6 days p50:10 days p75:7.5 days p90:6.5 days
Wind Speed > 25.0 knots Mean: 3.6 days Range: 2.2 - 5.0 days p50:4 days p75:3 days p90:2 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 0.1 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 2.2 times per month A 2 day or longer window will statistically occur 1.0 times per month A 3 day or longer window will statistically occur 0.5 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 3.4 times per month A 2 day or longer window will statistically occur 2.3 times per month A 3 day or longer window will statistically occur 1.2 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 16 - 18 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 18 - 20 sec, but rarely longer.
Principle Direction, from: SW
WindSea/Swell: 9% / 91%

Winds

Mean Speed: 15 - 20 kts
The winds will occasionally reach 30 - 35 kts, but rarely greater.
Principle Direction, from: SSE

Currents

Mean Speed: 0.50-0.75 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: 17.9 days Range: 11.1 - 24.7 days p50:19 days p75:16 days p90:6 days
Current Speed > 1.0 knots Mean: 2.6 days Range: 0.0 - 5.3 days p50:3 days p75:2 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

Severe Storms

There is a 10 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is little chance of a storm occurring in the month with waves peaking at 4m (13 ft) or greater.