

Namibia TE Luderitz (PEL-83) - February

Latitude: 26.70 S Longitude: 13.50 E

Weather Days

Wave Height > 5.0 ft Mean: 24.8 days Range: 22.4 - 27.1 days p50:25 days p75:23 days p90:22 days
Wave Height > 6.5 ft Mean: 18.4 days Range: 15.3 - 21.6 days p50:19 days p75:15.5 days p90:14 days
Wave Height > 8.0 ft Mean: 12.2 days Range: 9.0 - 15.4 days p50:13 days p75:10 days p90:7.5 days

Wind Speed > 15.0 knots Mean: 14.8 days Range: 11.2 - 18.4 days p50:14.5 days p75:12.5 days p90:11.5 days
Wind Speed > 20.0 knots Mean: 7.7 days Range: 4.9 - 10.6 days p50:7.5 days p75:6 days p90:5 days
Wind Speed > 25.0 knots Mean: 2.8 days Range: 1.3 - 4.3 days p50:3 days p75:2 days p90:1.5 days

Working Window

Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 0.5 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 2.0 times per month A 2 day or longer window will statistically occur 0.9 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 3.4 times per month A 2 day or longer window will statistically occur 2.0 times per month A 3 day or longer window will statistically occur 1.3 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach > 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: 5% / 95%

Winds

Mean Speed: 10 - 15 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: 14.8 days Range: 7.4 - 22.2 days p50:14 days p75:12 days p90:3 days
Current Speed > 1.0 knots Mean: 2.6 days Range: 0.0 - 5.6 days p50:2 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.1 days Range: 0.0 - 0.7 days p50:1 days p75:1 days p90:1 days

Severe Storms

There is a 16 % chance of a storm occurring in the month with winds peaking above 34 kts.
There is a 10 % chance of a storm occurring in the month with waves exceeding 3 m (10 ft) above the mean wave height.