

Namibia TE Luderitz (PEL-83) - December

Latitude: 26.70 S Longitude: 13.50 E

Weather Days

Wave Height > 5.0 ft Mean: 25.7 days Range: 23.6 - 27.8 days p50:26 days p75:24.5 days p90:23 days
Wave Height > 6.5 ft Mean: 20.6 days Range: 17.8 - 23.4 days p50:20.5 days p75:19 days p90:17.5 days
Wave Height > 8.0 ft Mean: 14.5 days Range: 11.7 - 17.4 days p50:14.5 days p75:12.5 days p90:10.5 days

Wind Speed > 15.0 knots Mean: 20.6 days Range: 17.9 - 23.2 days p50:20.5 days p75:19.5 days p90:18 days
Wind Speed > 20.0 knots Mean: 13.7 days Range: 10.9 - 16.6 days p50:14.5 days p75:12 days p90:10 days
Wind Speed > 25.0 knots Mean: 5.5 days Range: 3.1 - 8.0 days p50:5.5 days p75:4 days p90:3.5 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 1.8 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 3.2 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 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: 18% / 82%

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 1.50-1.75 kts, but rarely greater.
Principle Direction, to: NW

Weather Days

Current Speed > 0.5 knots Mean: 16.7 days Range: 10.6 - 22.8 days p50:19 days p75:13 days p90:9 days
Current Speed > 1.0 knots Mean: 2.4 days Range: 0.0 - 6.4 days p50:2 days p75:1 days p90:1 days
Current Speed > 1.5 knots Mean: 0.4 days Range: 0.0 - 1.9 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.