

Sandpiper Marine Phosphate Project Namibia - March

Latitude: 24.00 S Longitude: 13.40 E

Weather Days

Wave Height > 6.0 ft Mean: 16.7 days Range: 14.0 - 19.5 days p50:25.5 days p75:22.5 days p90:20.5 days

Wave Height > 7.0 ft Mean: 12.2 days Range: 8.6 - 15.8 days p50:20 days p75:18.5 days p90:16 days

Wave Height > 8.0 ft Mean: 8.3 days Range: 4.3 - 12.2 days p50:15.5 days p75:12 days p90:11 days

Wind Speed > 10.0 knots Mean: 23.7 days Range: 21.1 - 26.2 days p50:23.5 days p75:22.5 days p90:21.5 days

Wind Speed > 15.0 knots Mean: 14.8 days Range: 12.1 - 17.6 days p50:15.5 days p75:13 days p90:11 days

Wind Speed > 20.0 knots Mean: 4.6 days Range: 2.7 - 6.6 days p50:4.5 days p75:3.5 days p90:2.5 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 2.0 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 < 7.0 ft
A 1 day or longer window will statistically occur 3.3 times per month
A 2 day or longer window will statistically occur 2.0 times per month
A 3 day or longer window will statistically occur 1.1 times per month

Wave Height < 8.0 ft
A 1 day or longer window will statistically occur 4.1 times per month
A 2 day or longer window will statistically occur 2.8 times per month
A 3 day or longer window will statistically occur 2.2 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 22 - 24 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 7% / 93%

Winds

Mean Speed: 10 - 15 kts

The winds will occasionally reach 25 - 30 kts, but rarely greater.

Principle Direction, from: S

Severe Storms

Severe storms with gale force winds and extreme waves are not expected during this month.