

Sandpiper Marine Phosphate Project Namibia - February

Latitude: 24.00 S Longitude: 13.40 E

Weather Days

Wave Height > 6.0 ft Mean: 16.8 days Range: 13.0 - 20.6 days p50:25 days p75:22 days p90:19 days

Wave Height > 7.0 ft Mean: 11.7 days Range: 7.3 - 16.2 days p50:20 days p75:16.5 days p90:13.5 days

Wave Height > 8.0 ft Mean: 7.5 days Range: 2.8 - 12.3 days p50:13.5 days p75:10 days p90:9 days

Wind Speed > 10.0 knots Mean: 21.2 days Range: 16.9 - 25.5 days p50:22.5 days p75:19 days p90:15 days

Wind Speed > 15.0 knots Mean: 12.1 days Range: 7.4 - 16.7 days p50:11.5 days p75:10 days p90:7 days

Wind Speed > 20.0 knots Mean: 3.2 days Range: 1.1 - 5.3 days p50:3 days p75:1.5 days p90:1 days

Working Window

Wave Height < 6.0 ft
A 1 day or longer window will statistically occur 1.8 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 3.0 times per month
A 2 day or longer window will statistically occur 1.8 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 3.8 times per month
A 2 day or longer window will statistically occur 2.9 times per month
A 3 day or longer window will statistically occur 1.8 times per month

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 12 - 14 ft, but rarely higher.

Mean Period: 10 - 12 sec

The wave periods will occasionally reach 18 - 20 sec, but rarely longer.

Principle Direction, from: SSW

WindSea/Swell: 6% / 94%

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.