

Santa Marta Colombia - February

Latitude: 11.45 N Longitude: 74.66 W

Weather Days

Wave Height > 5.0 ft Mean: 26.1 days Range: 22.8 - 29.3 days p50: 20 days p90: 20 days

Wave Height > 6.0 ft Mean: 21.5 days Range: 16.6 - 26.3 days p50: 20 days p90: 20 days

Wave Height > 7.0 ft Mean: 15.2 days Range: 10.1 - 20.3 days p50: 16 days p90: 20 days

Working Window Probability

Wave Height < 5.0 ft
3 days or longer: 18%
5 days or longer: 1%
7 days or longer: 0%

Wave Height < 6.0 ft
3 days or longer: 16%
5 days or longer: 5%
7 days or longer: 1%

Wave Height < 7.0 ft
3 days or longer: 18%
5 days or longer: 6%
7 days or longer: 4%

Waves

Mean Height: 6 - 8 ft

The wave heights will occasionally reach 10 - 12 ft, but rarely higher.

Mean Period: 6 - 8 sec

The wave periods will occasionally reach 8 - 10 sec, but rarely longer.

Principle Direction, from: NE

WindSea/Swell: 91% / 9%

Winds

Mean Speed: 20 - 25 kts

The winds will occasionally reach 30 - 35 kts, but rarely greater.

Principle Direction, from: ENE

Currents

Mean Speed: 0.50-0.75 kts

The currents will occasionally reach 2.00-2.25 kts, but rarely greater.

Principle Direction, to: WSW

Severe Storms

There is a 20 % chance of a storm with winds peaking above 34 kts.