

# Santa Marta Colombia - January

Latitude: 11.45 N Longitude: 74.66 W

## Weather Days

Wave Height > 5.0 ft Mean: 26.1 days Range: 23.1 - 29.1 days p50: 20 days p90: 20 days

Wave Height > 6.0 ft Mean: 21.5 days Range: 16.5 - 26.5 days p50: 20 days p90: 20 days

Wave Height > 7.0 ft Mean: 14.9 days Range: 9.3 - 20.6 days p50: 16 days p90: 20 days

## Working Window Probability

Wave Height < 5.0 ft                    3 days or longer: 16%  
    5 days or longer: 2%  
    7 days or longer: 0%

Wave Height < 6.0 ft                    3 days or longer: 18%  
    5 days or longer: 3%  
    7 days or longer: 2%

Wave Height < 7.0 ft                    3 days or longer: 19%  
    5 days or longer: 5%  
    7 days or longer: 3%

## 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: 90% / 10%

## Winds

Mean Speed: 20 - 25 kts

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

Principle Direction, from: ENE

## Currents

Mean Speed: 0.75-1.00 kts

The currents will occasionally reach 2.25-2.50 kts, but rarely greater.

Principle Direction, to: WSW

## Severe Storms

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