

SpaceX Starship Landing Site - Santiago - September

Latitude: 33.45 S Longitude: 86.65 W

Weather Days

Wave Height > 5.0 ft Mean: 22.6 days Range: 18.6 - 26.6 days p50:23.5 days p75:19.5 days p90:17 days
Wave Height > 6.5 ft Mean: 15.6 days Range: 11.0 - 20.3 days p50:15 days p75:13.5 days p90:9.5 days
Wave Height > 8.0 ft Mean: 8.2 days Range: 4.2 - 12.2 days p50:8 days p75:5.5 days p90:2.5 days

Wind Speed > 15.0 knots Mean: 5.1 days Range: 2.7 - 7.5 days p50:5 days p75:3.5 days p90:2.5 days
Wind Speed > 20.0 knots Mean: 0.6 days Range: 0.0 - 1.3 days p50:0.5 days p75:0.5 days p90:0.5 days
Wind Speed > 25.0 knots Mean: 0.0 days Range: 0.0 - 0.1 days p50:0.5 days p75:0.5 days p90:0.5 days

Working Window

Wave Height < 5.0 ft	A 1 day or longer window will statistically occur 0.0 times per month A 2 day or longer window will statistically occur 0.0 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 1.0 times per month A 2 day or longer window will statistically occur 0.3 times per month A 3 day or longer window will statistically occur 0.1 times per month
Wave Height < 8.0 ft	A 1 day or longer window will statistically occur 2.8 times per month A 2 day or longer window will statistically occur 1.7 times per month A 3 day or longer window will statistically occur 0.9 times per month

Waves

Mean Height: 8 - 10 ft
The wave heights will occasionally reach 16 - 18 ft, but rarely higher.
Mean Period: 12 - 14 sec
The wave periods will occasionally reach 22 - 24 sec, but rarely longer.
Principle Direction, from: SW
WindSea/Swell: 0% / 100%

Winds

Mean Speed: 10 - 15 kts
The winds will occasionally reach 20 - 25 kts, but rarely greater.
Principle Direction, from: SSE

Severe Storms

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