

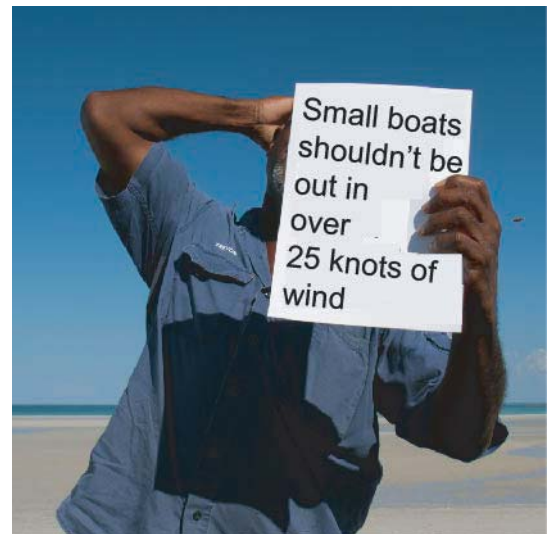


The Bureau of Meteorology (BoM) issues wind warnings with marine forecasts.

Wind warnings tell mariners of dangerous coastal and ocean conditions.



Hurricane Force Wind Warning Conditions









Wind Warning Categories

Strong wind warning	26 to 33 knots.
Gale warning	34 to 47 knots.
Storm force wind warning	48 to 63 knots.
Hurricane force wind warning:	64 knots or more.

Gale Warning
for SOUTHWEST COAST, Southeast Cape to Low Rocky Point
Westerly winds 15 to 25 knots, locally 30 knots in the south, tending northwesterly late in the day and increasing to 30 to 40 knots, 45 knots in the south in the evening.
Seas 2 to 3 metres increasing to 3 to 5 metres. West to southwest swell 1.5 to 2 metres, increasing to 3 to 3 to 4 metres tomorrow.

Beaufort Scale

Wind warnings and forecasts use the Beaufort Scale to describe conditions

Beaufort Number	Description	Wind Speed	Wave Height	Sea Conditions	
0	Calm	0 kn	0 m	Flat. Like a Mirror	
1	Light Air	1-3 kn	0-0.2 m	Ripples without crests	
2	Light Breeze	4-6 kn	0.2-0.5 m	Small wavelets. Glassy crests that do not break	
3	Gentle Breeze	7-10 kn	0.5-1 m	Large wavelets. Glassy crests begin to break. Scattered whitecaps.	
4	Moderate Breeze	11-16 kn	1-2 m	Small waves with breaking crests. Frequent whitecaps.	
5	Fresh Breeze	17-21 kn	2-3 m	Moderate waves of some length. Many whitecaps. Small amounts of spray.	

Beaufort Number	Description	Wind Speed	Wave Height	Sea Conditions
6	Strong Breeze	22-27 kn	3-4 m	Long waves begin to form. Lots of white foam crests. Some spray in the air.
7	Near Gale	28-33 kn	4.5-5.5 m	Sea heaps up. Some foam streaks. Moderate amounts of spray.
8	Gale	34-40 kn	5.5-7.5 m	Moderately high waves with breaking crests. Well marked streaks of foam. Lots of spray
9	Strong Gale	41-47 kn	7-10 m	High waves Crests that sometimes roll over. Thick foam. Lots of airborne spray may reduce visibility.
10	Storm	48-55 kn	10-13 m	Very high waves. Long overhanging crests. Big patches of foam in dense white streaks. The sea looks white. Heavy tumbling sea. Visibility affected by spray.
11	Violent Storm	56-63 kn	11.5-16 m	Exceptionally high waves. Very large patches of foam cover much of the sea surface. Very large amounts of airborne spray severely reduce visibility.
12	Hurricane Force	64 kn+	14 m+	Huge waves. Sea is all white with foam and spray. Air is filled with spray, greatly reducing visibility.

