

Beaufort Wind Scale					
Information sourced from The Australian Bureau of Meteorology					
Beaufort Scale Number	Descriptive Term	Units in Km/h	Units in Knots	Description on Land	Description at Sea
0	Calm	0	0	Smoke rises vertically	Sea like a mirror
1 - 3	Light winds	19 Km/h or less	10 Knots or less	Wind felt on face; leaves rustle; ordinary vanes moved by wind.	small wavelets; ripples formed but do not break; a glassy appearance maintained
4	Moderate winds	20-29 Km/h	11-16 Knots	Raises dust and loose paper; small branches are moved.	Small waves- becoming longer; fairly frequent white horses.
5	Fresh winds	30-39 Km/h	17-21 Knots	Small trees in leaf begin to sway; crested wavelets form on inland waters.	Moderate waves, taking a more pronounced long form; many white horses are formed- a chance of some spray.
6	Strong winds	40-50 Km/h	22-27 Knots	Large Branches in motion; whistling heard in telephone wires; umbrellas used with difficulty	Large waves begin to form; the white foam crests are more extensive with probably some spray.
7	Near gale	51-62 Km/h	28-33 Knots	Whole trees in motion; inconvenience felt when walking against wind.	Sea heaps up and white foam from breaking waves begins to be blown in streaks along direction of wind.
8	Gale	63-75 Km/h	34-40 Knots	Twigs break off trees; progress generally impeded.	Moderately high waves of greater length; edges of crests begin to break into spindrift; foam is blown in well-marked streaks along the direction of the wind.
9	Strong gale	76-87 Km/h	41-47 Knots	Slight structural damage occurs- roofing dislodged; larger branches break off.	High waves; dense streaks of foam; crests of waves begin to topple, tumble and roll over; spray may affect visibility.
10	Storm	88-102 Km/h	48-55 Knots	Seldom experienced inland; trees uprooted; considerable structural damage.	Very high waves with long overhanging crests; the resulting foam in great patches is blown in dense white streaks; the surface of the sea takes on a white appearance; the tumbling of the sea becomes heavy with visibility affected.
11	Violent storm	103-117 Km/h	56-63 Knots	Very rarely experienced- widespread damage.	Exceptionally high waves; small and medium sized ships occasionally lost from view behind waves; the sea is completely covered with long white patches of foam; the edges of waves crests are blown into froth.
12+	Hurricane	118 Km/h or more	64 Knots or more	Very rarely experienced- widespread damage.	The air is filled with foam and spray. Sea completely white with driving spray; visibility very seriously affected.

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