
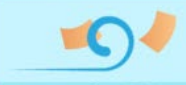


# BEAUFORT WIND SCALE

Beaufort Number	Description	Wind speed	Wave height	Sea conditions	Land conditions	
0	Calm	< 1 knot < 1 mph < 2 km/h	0 ft 0 m	Sea like a mirror	Smoke rises vertically	
1	Light air	1-3 knots 1-3 mph 2-5 km/h	0-1 ft 0-0.3 m	Ripples	Direction shown by smoke drift	
2	Light breeze	4-6 knots 4-7 mph 6-11 km/h	1-2 ft 0.3-0.6 m	Small wavelets	Wind felt on face	
3	Gentle breeze	7-10 knots 8-12 mph 12-19 km/h	2-4 ft 0.6-1.2 m	Large wavelets	Leaves and small twigs in constant motion	
4	Moderate breeze	11-16 knots 13-18 mph 20-28 km/h	3.5-6 ft 1-2 m	Small waves	Raises dust and loose paper	
5	Fresh breeze	17-21 knots 19-24 mph 29-38 km/h	6-10 ft 2-3 m	Moderate waves	Small trees and leaves begin to sway	
6	Strong breeze	22-27 knots 25-31 mph 39-49 km/h	9-13 ft 3-4 m	Large waves	Large branches in motion	
7	High wind, moderate gale, near gale	28-33 knots 32-38 mph 50-61 km/h	13-19 ft 4-5.5 m	Sea heaps up	Whole trees in motion	
8	Gale, fresh gale	34-40 knots 39-46 mph 62-74 km/h	18-25 ft 5.5-7.5 m	Moderately high waves	Twigs break off trees	
9	Strong/severe gale	41-47 knots 47-54 mph 75-88 km/h	23-32 ft 7-10 m	High waves	Slight structural damage	
10	Storm, whole gale	48-55 knots 55-63 mph 89-102 km/h	29-41 ft 9-12.5 m	Very high waves	Trees uprooted, considerable structural damage	
11	Violent storm	56-63 knots 64-72 mph 103-117 km/h	37-52 ft 11.5-16 m	Exceptionally high waves	Widespread damage	
12	Hurricane force	≥ 64 knots ≥ 73 mph ≥ 118 km/h	≥ 46 ft ≥ 14 m	Exceptionally high waves, sea is completely white	Devastation	