

## BEAUFORT WIND SCALE

Force No.	Wind Speed(Knots)	Description	State of Sea	Probable Wave Height(Feet)
0	Less than 1	Calm	Sea flat	
1	1-3	Light air	Ripples with the appearance of scales are formed but without foam crests.	0.25
2	4-6	Light Breeze	Small wavelets. still short but more pronounced. Crests have a glassy appearance and do not break.	0.5
3	7-10	Gentle Breeze	Large wavelets. Crests begin to break. Glassy foam. Perhaps scattered white horses.	2
4	11-16	Moderate Breeze	Small waves, becoming longer. Frequent white horses	3.5
5	17-21	Fresh Breeze	Moderate waves. taking a more pronounced long form. Many white horses. some spray.	6
6	22-27	Strong Breeze	Large waves begin to form. The white foam crests are more extensive everywhere. Some spray.	9.5
7	28-33	Near Gale	Sea heaps up and white foam from breaking waves begins to be blown in streaks.	13.5
8	34-40	Gale	Moderately high waves of greater length. edges of crests begin to break into spindrift. The foam is blown in well marked streaks.	18
9	41-47	Strong Gale	High waves. Dense streaks of foam. Crests of waves begin to topple, tumble and roll over. Spray may affect visibility.	23
10	48-55	Storm	Very high waves with long overhanging crests. Foam in great patches is blown in dense white streaks. The surface takes on a white appearance and the tumbling of the sea becomes heavy and shocklike. Visibility affected.	29
11	56-63	Violent Storm	Exceptionally high waves. Small ships might be for a time lost to view behind waves. Sea completely covered with long white patches of foam. Edges of wave crests are blown into froth. Visibility affected.	37
12	64+	Hurricane	The air is filled with foam and spray. Sea completely white. Visibility seriously affected.	45