

Beaufort Scale of Wind Force

Beaufort Number	Description	Knots	m/s
0	Sea like a mirror	0-0.9	0-0.2
1	Ripples with the appearance of scales are formed, but without foam create	1-3	0.3-1.5
2	Small wavelets, still short but more pronounced; crests have a glassy appearance and do not break	4-6	1.6-3.3
3	Large wavelets. Crest begin to break; scattered whitecaps	7-10	3.4-5.4
4	Small waves with breaking crests. Fairly frequent whitecaps. Small amounts of spray.	11-16	5.5-7.9
5	Moderate waves of some length. Many whitecaps. Small amounts of spray.	17-21	8.0-10.7
6	Long waves begin to form. White foam crests are very frequent. Some airborne spray is present	22-27	10.8-13.8
7	Sea heaps up. Some foam from breaking waves is blown into streaks along wind direction. Moderate amounts of airborne spray.	28-33	13.9-17.1
8	Moderate high waves with breaking crests forming spindrift. Well-marked streaks of foam are blown along wind direction. Considerable airborne spray.	34-40	17.2-20.7
9	High waves whose crests sometimes roll over. Dense foam is blown along wind direction. Large amounts of airborne spray may begin to reduce visibility	41-47	20.8-24.4
10	Very high waves with overhanging crests. Large patches of foam from wave crests give the sea a white appearance. Considerable tumbling of waves with heavy impact. Large amounts of airborne spray reduce visibility.	48-55	24.5-28.4
11	Exceptionally high waves. Very large patches of foam, driven before the wind, cover much of the sea surface. Very large amounts of airborne spray severely reduce visibility	56-63	28.5-32.6
12	Huge waves. Sea is completely white with foam and spray. Air is filled with driving spray, greatly reducing visibility.	over 64	over 32.7