

Beaufort number	Description	Wind speed	Wave height	Sea conditions	Land conditions
0	Calm	< 1 knot < 1 mph < 2 km/h < 0.5 m/s	0 ft (0 m)	Sea like a mirror	Smoke rises vertically.
1	Light air	1–3 knots	0–1 ft	Ripples with appearance of scales are formed, without foam crests	Direction shown by smoke drift but not by wind vanes.
		1–3 mph	0–0.3 m		
		2–5 km/h			
		0.5–1.5 m/s			
2	Light breeze	4–6 knots	1–2 ft	Small wavelets still short but more pronounced; crests have a glassy appearance but do not break	Wind felt on face; leaves rustle; wind vane moved by wind.
		4–7 mph	0.3–0.6 m		
		6–11 km/h			
		1.6–3.3 m/s			
3	Gentle breeze	7–10 knots	2–4 ft	Large wavelets; crests begin to break; foam of glassy appearance; perhaps scattered white horses	Leaves and small twigs in constant motion; light flags extended.
		8–12 mph	0.6–1.2 m		
		12–19 km/h			
		3.4–5.5 m/s			
4	Moderate breeze	11–16 knots	3.5–6 ft	Small waves becoming longer; fairly frequent white horses	Raises dust and loose paper; small branches moved.
		13–18 mph	1–2 m		
		20–28 km/h			
		5.5–7.9 m/s			
5	Fresh breeze	17–21 knots	6–10 ft	Moderate waves taking a more pronounced long form; many white horses are formed; chance of some spray	Small trees in leaf begin to sway; crested wavelets form on inland waters.
		19–24 mph	2–3 m		
		29–38 km/h			
		8–10.7 m/s			
6	Strong breeze	22–27 knots	9–13 ft	Large waves begin to form; the white foam crests are more extensive everywhere; probably some spray	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty.
		25–31 mph	3–4 m		
		39–49 km/h			
		10.8–13.8 m/s			
7		28–33 knots	13–19 ft		

	High wind, moderate gale, near gale	32–38 mph 50–61 km/h 13.9–17.1 m/s	4–5.5 m	Sea heaps up and white foam from breaking waves begins to be blown in streaks along the direction of the wind; spindrift begins to be seen	Whole trees in motion; inconvenience felt when walking against the wind.
8	Gale, fresh gale	34–40 knots 39–46 mph 62–74 km/h 17.2–20.7 m/s	18–25 ft 5.5–7.5 m	Moderately high waves of greater length; edges of crests break into spindrift; foam is blown in well-marked streaks along the direction of the wind	Twigs break off trees; generally impedes progress.
9	Strong/severe gale	41–47 knots 47–54 mph 75–88 km/h 20.8–24.4 m/s	23–32 ft 7–10 m	High waves; dense streaks of foam along the direction of the wind; sea begins to roll; spray affects visibility	Slight structural damage (chimney pots and slates removed).
10	Storm whole gale	48–55 knots 55–63 mph 89–102 km/h 24.5–28.4 m/s	29–41 ft 9–12.5 m	Very high waves with long overhanging crests; resulting foam in great patches is blown in dense white streaks along the direction of the wind; on the whole the surface of the sea takes on a white appearance; rolling of the sea becomes heavy; visibility affected	Seldom experienced inland; trees uprooted; considerable structural damage.
11	Violent storm	56–63 knots 64–72 mph 103–117 km/h 28.5–32.6 m/s	37–52 ft 11.5–16 m	Exceptionally high waves; small- and medium-sized ships might be for a long time lost to view behind the waves; sea is covered with long white patches of foam; everywhere the edges of the wave crests are blown into foam; visibility affected	Very rarely experienced; accompanied by widespread damage.
12	Hurricane force	≥ 64 knots ≥ 73 mph ≥ 118 km/h ≥ 32.7 m/s	≥ 46 ft ≥ 14 m	The air is filled with foam and spray; sea is completely white with driving spray; visibility very seriously affected	Devastation.

SOURCE: https://en.wikipedia.org/wiki/Beaufort_scale