

## BEAUFORT SCALE

Beaufort Force	Speed (mph)	Wind Description	State of Sea	Effects on Land
0	<b>Less 1</b>	Calm	Mirror-like	Smoke rises vertically
1	<b>1-3</b>	Light Air	Ripples look like scales; No crests of foam	Smoke drift shows direction of wind, but wind vanes do not
2	<b>4-7</b>	Light Breeze	Small but pronounced wavelets; Crests do not break	Wind vanes move; Leaves rustle; You can feel wind on the face
3	<b>8-12</b>	Gentle Breeze	Large Wavelets; Crests break; Glassy foam; A few whitecaps	Leaves and small twigs move constantly; Small, light flags are extended
4	<b>13-18</b>	Moderate Breeze	Longer waves; Whitecaps	Wind lifts dust and loose paper; Small branches move
5	<b>19-24</b>	Fresh Breeze	Moderate, long waves; Many whitecaps; Some spray	Small trees with leaves begin to move
6	<b>25-31</b>	Strong Breeze	Some large waves; Crests of white foam; Spray	Large branches move; Telegraph wires whistle; Hard to hold umbrellas
7	<b>32-38</b>	Near Gale	White foam from breaking waves blows in streaks with the wind	Whole trees move; Resistance felt walking into wind
8	<b>39-46</b>	Gale	Waves high and moderately long; Crests break into spin drift, blowing foam in well marked streaks	Twigs and small branches break off trees; Difficult to walk
9	<b>47-54</b>	Strong Gale	High waves with wave crests that tumble; Dense streaks of foam in wind; Poor visibility from spray	Slight structural damage
10	<b>55-63</b>	Storm	Very high waves with long, curling crests; Sea surface appears white from blowing foam; Heavy tumbling of sea; Poor visibility	Trees broken or uprooted; Considerable structural damage
11	<b>64-73</b>	Violent Storm	Waves high enough to hide small and medium sized ships; Sea covered with patches of white foam; Edges of wave crests blown into froth; Poor visibility	Seldom experienced inland; Considerable structural damage
12	<b>&gt;74</b>	Hurricane	Sea white with spray. Foam and spray render visibility almost non-existent	Widespread damage. Very rarely experienced on land.