

BEAUFORT WIND SCALE

NO.	DESCRIPTION	KNOTS / MPH	SEA CONDITIONS & LAND EFFECTS
0	Calm	< 1 / < 1	<i>Smoke rises vertically. Sea like a mirror.</i>
1	Light Air	1-3 / 1-3	<i>Direction shown by smoke drift but not wind vanes.</i>
2	Light Breeze	4-6 / 4-7	<i>Wind felt on face; leaves rustle; vanes moved.</i>
3	Gentle Breeze	7-10 / 8-12	<i>Leaves and small twigs in constant motion.</i>
4	Moderate Breeze	11-16 / 13-18	<i>Raises dust and loose paper; small branches move.</i>
5	Fresh Breeze	17-21 / 19-24	<i>Small trees in leaf begin to sway.</i>
6	Strong Breeze	22-27 / 25-31	<i>Large branches in motion; umbrellas used with difficulty.</i>
7	Near Gale	28-33 / 32-38	<i>Whole trees in motion; resistance felt walking against wind.</i>
8	Gale	34-40 / 39-46	<i>Twigs break off trees; progress generally impeded.</i>
9	Strong Gale	41-47 / 47-54	<i>Slight structural damage occurs (chimney pots/slates removed).</i>
10	Storm	48-55 / 55-63	<i>Trees uprooted; considerable structural damage.</i>

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11	Violent Storm	56-63 / 64-72	<i>Widespread damage; visibility affected by sea foam.</i>
12	Hurricane	64+ / 73+	<i>Devastation; air filled with foam and spray.</i>