

WIND SPEED REFERENCE CHART

CLASSIFICATION	MPH	KNOTS	VISIBLE EFFECTS
Calm	0 - 1	0 - 1	<i>Smoke rises vertically; water is mirror-like.</i>
Light Breeze	4 - 7	4 - 6	<i>Wind felt on face; leaves rustle; vanes move.</i>
Gentle Breeze	8 - 12	7 - 10	<i>Leaves and small twigs in constant motion.</i>
Moderate Breeze	13 - 18	11 - 16	<i>Small branches move; dust and paper fly.</i>
Fresh Breeze	19 - 24	17 - 21	<i>Small trees in leaf begin to sway.</i>
Strong Breeze	25 - 31	22 - 27	<i>Large branches in motion; umbrellas difficult to use.</i>
Moderate Gale	32 - 38	28 - 33	<i>Whole trees in motion; resistance felt walking.</i>
Fresh Gale	39 - 46	34 - 40	<i>Twigs break off trees; progress generally impeded.</i>
Strong Gale	47 - 54	41 - 47	<i>Slight structural damage occurs; slate blows off roofs.</i>
Storm	55 - 63	48 - 55	<i>Trees uprooted; considerable structural damage.</i>

