

# WIND VELOCITY CLASSIFICATION

<b>CLASSIFICATION</b>	<b>VELOCITY (MPH)</b>	<b>LAND OBSERVATIONS</b>
<b>Calm</b>	0 - 1	Smoke rises vertically; leaves are still.
<b>Light Air</b>	1 - 3	Direction shown by smoke drift; vanes remain motionless.
<b>Light Breeze</b>	4 - 7	Wind felt on face; leaves rustle; vanes begin to move.
<b>Gentle Breeze</b>	8 - 12	Leaves and small twigs in constant motion; light flags extend.
<b>Moderate</b>	13 - 18	Raises dust and loose paper; small branches move.
<b>Fresh Breeze</b>	19 - 24	Small trees in leaf begin to sway; crested wavelets on inland waters.
<b>Strong Breeze</b>	25 - 31	Large branches in motion; whistling heard in overhead wires.
<b>Near Gale</b>	32 - 38	Whole trees in motion; resistance felt when walking against wind.
<b>Gale</b>	39 - 46	Twigs break off trees; progress generally impeded.

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<b>Strong Gale</b>	47 - 54	Slight structural damage occurs (chimney pots and slates removed).
<b>Storm</b>	55 - 72	Trees uprooted; considerable structural damage.
<b>Hurricane</b>	73+	Widespread devastation; severe damage to infrastructure.