

# THE BEAUFORT WIND SCALE

## THE BEAUFORT SCALE OF WIND SPEED EQUIVALENTS

General Description	Specifications	Limits of Velocity 33 ft. (10 m) above level ground Miles / Hour
Calm	Smoke rises vertically	Under 1
	Direction of wind shown by Smoke drift but not wind vanes	1 to 3
Light	Wind felt on face; leaves rustle; Ordinary vane moved by wind	4 to 7
Gentle	Leaves and small twigs in constant Motion ; wind extends light flag	8 to 12
Moderate	Rises dust and loose paper Small branches are moved	13 to 18
Fresh	Small trees in leaf begin to sway; Crested wavelets form on inland Waters	19 to 24
	Large branches in motion; whistling Heard in telegraph wires; Umbrellas used with difficulty	25 to 31
Strong	Whole trees in motion; inconvenience Felt in walking against wind	32 to 38
	Breaks twigs off trees; generally Impedes progress	39 to 46
Gale	Slight structural damage occurs	47 to 54
	Trees uprooted; considerable Structural damage occurs	55 to 63
Whole Gale	Rarely experienced; accompanied By widespread damage	64 to 75
Hurricane		Above 75