

BEAUFORT SCALE: LAND CONDITIONS

FORCE	DESCRIPTION	WIND SPEED (MPH)	OBSERVATIONS ON LAND
0	Calm	< 1 mph	Smoke rises vertically. Trees and flags are still.
1	Light Air	1 - 3 mph	Direction of wind shown by smoke drift, but not by wind vanes.
2	Light Breeze	4 - 7 mph	Wind felt on face; leaves rustle; ordinary vanes moved by wind.
3	Gentle Breeze	8 - 12 mph	Leaves and small twigs in constant motion; light flags extended.
4	Moderate Breeze	13 - 18 mph	Raises dust and loose paper; small branches are moved.
5	Fresh Breeze	19 - 24 mph	Small trees in leaf begin to sway; crested wavelets form on inland waters.
6	Strong Breeze	25 - 31 mph	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty.
7	Near Gale	32 - 38 mph	Whole trees in motion; resistance felt when walking against wind.
8	Gale	39 - 46 mph	Breaks twigs off trees; generally impedes progress.
9	Strong Gale	47 - 54 mph	Slight structural damage occurs (chimney pots and slates removed).
10	Storm	55 - 63 mph	Trees uprooted; considerable structural damage occurs.
11	Violent Storm	64 - 72 mph	Widespread damage. Rare inland.
12	Hurricane	73+ mph	Devastation.