

BEAUFORT SCALE

FORCE	EQUIVALENT SPEED		DESCRIPTION	SPECIFICATIONS FOR USE ON LAND
	10 m above ground			
	MPH	KTS		
0	0-1	0-1	Calm	Calm wind; smoke rises vertically, with little if any drift.
1	1-3	1-3	Light air	Direction of wind shown by smoke drift, but not by wind vanes. Little if any movement with flags. Wind barely moves tree leaves.
2	4-7	4-6	Light Breeze	Wind felt on face; leaves rustle; ordinary wind vanes moved by wind. Small twigs move.
3	8-12	7-10	Gentle Breeze	Leaves and small twigs in constant motion; Flags are extended out. Wind blows up dry leaves from the ground.
4	13-18	11-16	Moderate Breeze	Raises dust, leaves & loose paper; small branches are moved.
5	19-24	17-21	Fresh Breeze	Small trees in leaf begin to sway; crested wavelets form on inland waters. Large branches in begin to sway.
6	25-31	22-27	Strong Breeze	Large branches in continous motion. Whistling sounds heard in overhead or nearby power/telephone lines; umbrellas used with difficulty.
7	32-38	28-33	Near Gale	Whole trees in motion; inconvenience felt when walking against the wind.
8	39-46	34-40	Gale	Twigs & small branches broken off trees. Moving cars veer. Generally impedes walking.
9	47-54	41-47	Severe Gale	Structural damage occurs; such as chimney covers, shingles/roofing tiles blown off, TV antennas damaged. Ground is littered with many small twigs & broken branches.
10	55-63	48-55	Storm	Considerable structural damage occurs, especially on roofs. Small trees may be blown over & uprooted
11	64-72	56-63	Violent Storm	Widespread damage occurs. Larger trees blown over & uprooted.
12	73-83	64-71	Hurricane	Severe and extensive damage. Roofs can be peeled off. Windows broken. Trees uprooted. RVs and small automobile homes overturned. Moving automobiles can be pushed off the roadways.