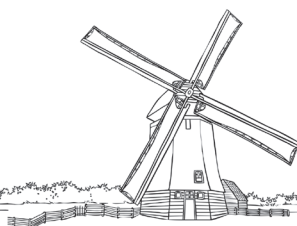


# The Beaufort Scale

The Beaufort Scale measures wind speed, by observing the effect the wind is having on the sea or land. The scale ranges from force 0 (calm), to force 12 (hurricane).

Force	Type of Wind	Speed	Observed Effects
0	Calm	Less than 1mph	Smoke rises vertically. Trees are still.
1	Light Air	1-3mph	Smoke drifts. Wind vanes are still.
2	Light Breeze	4-7mph	Leaves on trees rustle. Wind felt on face.
3	Gentle Breeze	8-12mph	Flags flap. Leaves and twigs move constantly.
4	Moderate Breeze	13-18mph	Small branches move. Dust and loose paper are lifted.
5	Fresh Breeze	19-24mph	Small trees begin to sway. Flags are fully extended.



# The Beaufort Scale



Force	Type of Wind	Speed	Observed Effects
6	Strong Breeze	25-31mph	Umbrellas are difficult to use. Whistling heard in wires.
7	Near Gale	32-38mph	Resistance felt when walking against the wind. Whole trees sway.
8	Gale	39-46mph	Whole trees shake. Twigs break off trees.
9	Strong Gale	47-54mph	Branches break. Slates blown from roofs. Damage to chimneys.
10	Storm	55-63mph	Shallow-rooted trees are pushed over. Broken branches cause damage.
11	Violent Storm	64-72mph	Windows may blow out. Widespread structural damage.
12	Hurricane Force	73mph or more	Mature trees uprooted. Walls and roofs torn off. Cars moved and lifted.