

WIND SPEED REFERENCE SCALE

Meteorological Research Documentation | Beaufort Standard

Template V.2.0

FORCE	VELOCITY (M/S)	CLASSIFICATION	LAND OBSERVATIONS
0	0.0 - 0.2	Calm	Smoke rises vertically; water surface is mirror-like.
2	1.6 - 3.3	Light Breeze	Wind felt on face; leaves rustle; vanes begin to move.
4	5.5 - 7.9	Moderate Breeze	Dust and loose paper raised; small branches move.
6	10.8 - 13.8	Strong Breeze	Large branches in motion; whistling in overhead wires.
8	17.2 - 20.7	Gale	Twigs break off trees; progress generally impeded.
10	24.5 - 28.4	Storm	Trees uprooted; considerable structural damage occurs.
12+	32.7+	Hurricane	Devastation; widespread structural failure.

This document is a standardized meteorological reference template. Values based on the WMO International Scale.