

WIND SPEED SCALE

Aviation Reference Chart â€œ ICAO Standard

Unit: Knots (kt)

BEAUFORT	CATEGORY	KNOTS (KT)	AVIATION IMPACT / VISUAL CUES
0	Calm	< 1	Smoke rises vertically. No wind drift.
1-3	Light Air	1 - 10	Ideal for light aircraft; wind socks move slightly.
4	Moderate	11 - 16	Dust raised; small branches move. Standard pattern.
5	Fresh	17 - 21	Small trees sway. Crosswind corrections required.
6	Strong	22 - 27	Large branches in motion. Difficult taxiing.
7	Near Gale	28 - 33	Whole trees in motion. Turbulence on approach.
8-9	Gale	34 - 47	Flight operations hazardous. Structural risk.
10+	Storm	48+	Grounding mandatory. Severe turbulence/shear.

Conversion: 1 Knot = 1.15 mph = 1.85 km/h. For informational purposes only.