

Beaufort Number (Force)	Wind Speed			Description	Observed Effects
	Knots	Mph	Kph		
0	under 1	under 1	0	Calm	Calm, smoke rises vertically
1	1 - 3	1 - 3	< 19	Light Air	Smoke drift indicates wind direction, still wind vanes
2	4 - 6	4 - 7	< 19	Light Breeze	Wind felt on face, leaves rustle, vanes begin to move
3	7 - 10	8 - 12	< 19	Gentle Breeze	Leaves and small twigs constantly moving, light flags extended
4	11 - 16	13 - 18	20 - 29	Moderate Breeze	Dust, leaves, and loose paper lifted, small tree branches move
5	17 - 21	19 - 24	30 - 39	Fresh Breeze	Small trees in leaf begin to sway
6	22 - 27	25 - 31	40 - 50	Strong Breeze	Larger tree branches moving, whistling in wires
7	28 - 33	32 - 38	51 - 62	Near Gale	Whole trees moving, resistance felt walking against wind
8	34 - 40	39 - 46	63 - 75	Gale	Whole trees in motion, resistance felt walking against wind
9	41 - 47	47 - 54	76 - 87	Strong Gale	Slight structural damage occurs, slate blows off roofs
10	48 - 55	55 - 63	88 - 102	Storm	Seldom experienced on land, trees broken or uprooted, "considerable structural damage"
11	56 - 63	64 - 72	103 - 117	Violent Storm	Very rarely experienced inland; Whole gale accompanied by widespread damage
12	64 +	73 +	118 +	Hurricane	