

Beaufort number	Description	Wind speed				Land conditions
		<a href="#">km/h</a>	<a href="#">mph</a>	<a href="#">kts</a>	<a href="#">m/s</a>	
0	<a href="#">Calm</a>	< 1	< 1	< 1	< 0.3	Calm. Smoke rises vertically.
1	<a href="#">Light air</a>	1 – 5	1 – 3	1 – 2	0.3 – 1.5	Wind motion visible in smoke.
2	Light breeze	6 – 11	3 – 7	3 – 6	1.5 – 3.3	Wind felt on exposed skin. Leaves rustle.
3	Gentle breeze	12 – 19	8 – 12	7 – 10	3.3 – 5.5	Leaves and smaller twigs in constant motion.
4	Moderate breeze	20 – 28	13 – 17	11 – 15	5.5 – 8.0	Dust and loose paper raised. Small branches begin to move.
5	Fresh breeze	29 – 38	18 – 24	16 – 20	8.0 – 11	Branches of a moderate size move. Small trees begin to sway.
6	Strong breeze	39 – 49	25 – 30	21 – 26	11 – 14	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic garbage cans tip over.
7	High wind, Moderate gale, Near gale	50 – 61	31 – 38	27 – 33	14 – 17	Whole trees in motion. Effort needed to walk against the wind. Swaying of skyscrapers may be felt, especially by people on

						upper floors.
<b>8</b>	Gale, Fresh gale	62 – 74	39 – 46	34 – 40	17 – 20	Some twigs broken from trees. Cars veer on road. Progress on foot is seriously impeded.
<b>9</b>	Strong gale	75 – 88	47 – 54	41 – 47	21 – 24	Some branches break off trees, and some small trees blow over. Construction/temporary signs and barricades blow over. Damage to circus tents and canopies.
<b>10</b>	Storm <sup>[5]</sup> , Whole gale	89 – 102	55 – 63	48 – 55	25 – 28	Trees are broken off or uprooted, saplings bent and deformed. Poorly attached asphalt shingles and shingles in poor condition peel off roofs.
<b>11</b>	Violent storm	103 – 117	64 – 72	56 – 63	29 – 32	Widespread vegetation damage. Many roofing surfaces are damaged; asphalt tiles that have curled up and/or fractured due to age may break away completely.
<b>12</b>	Hurricane <sup>[5]</sup>	≥ 118	≥ 73	≥ 64	≥ 33	Very widespread damage to vegetation. Some windows may break; mobile homes and poorly constructed sheds and barns are damaged. Debris may be hurled about.