



# NWS Beaufort Wind Chart

## Estimating Winds Speeds

Beaufort Number	MPH		Terminology	Description
	Range	Average		
0	0	0	Calm	Calm. Smoke rises vertically.
1	1-3	2	Light air	Wind motion visible in smoke.
2	4-7	6	Light breeze	Wind felt on exposed skin. Leaves rustle.
3	8-12	11	Gentle breeze	Leaves and smaller twigs in constant motion.
4	13-18	15	Moderate breeze	Dust and loose paper is raised. Small branches begin to move.
5	19-24	22	Fresh breeze	Smaller trees sway.
6	25-31	27	Strong breeze	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult.
7	32-38	35	Near gale	Whole trees in motion. Some difficulty when walking into the wind.
8	39-46	42	Gale	Twigs broken from trees. Cars veer on road.
9	47-54	50	<b>Severe gale</b>	<b>Light structure damage.</b>
10	55-63	60	<b>Storm</b>	<b>Trees uprooted. Considerable structural damage.</b>
11	64-73	70	<b>Violent storm</b>	<b>Widespread structural damage.</b>
12	74-95	90	<b>Hurricane</b>	<b>Considerable and widespread damage to structures.</b>