



BEAUFORT NUMBER	NAME	WIND SPEED		DESCRIPTION
		MPH	KPH	
				calm; smoke rises vertically
1	light air	1-3	1-5	direction of wind shown by smoke but not by wind vanes
2	light breeze	4-7	6-11	wind felt on face; leaves rustle; wind vane moves
3	gentle breeze	8-12	12-14	leaves and small twigs in constant motion
4	moderate breeze	13-18	15-28	<b>Flag is fully extended from flag pole at 15 Knots and wave whitecaps crest in ocean.</b> <b>On land:</b> Wind raises dust and loose paper; small branches move.
5	fresh breeze	19-24	29-38	small-leaved trees begin to sway; crested wavelets form on inland waters
6	strong breeze	25-31	39-49	large branches move; overhead wires whistle; umbrellas difficult to control
7	moderate gale	32-38	50-61	/or/ near gale; whole trees sway; walking against wind is difficult
8	fresh gale	39-46	62-74	/or/ gale; Twigs break off trees; moving cars veer
9	strong gale	47-54	75-88	<b>At sea, 30-40 Ft. waves (9.3 Meters to 12 M)</b> <b>On land:</b> Slight structural damage occurs; shingles may blow away
10	whole gale	55-63	89-102	/or/ storm, trees uprooted; considerable structural damage occurs
11	violent storm	64-72	103-117	widespread damage occurs
12	Hurricane*	>72	>117	widespread damage and flooding occurs <b>*U.S. uses 74 statute mph as hurricane status.</b>