

## Wind Scale and Wind Speed List

Wind Scale	Wind Name	Status	wind speed	Wind Pressure
			km/h	m/s
0	Calm	Calm	< 1	0~0.2
1	Gentle breeze	Smoke rises vertically. Direction of wind shown by smoke drift, but not by wind vanes.	1~5	0.3~1.5
2	Light Wind	Wind felt on face; leaves rustle; ordinary vanes move by wind.	6~11	1.6~3.3
3	Gentle breeze	Leaves and small twigs in constant motion; wind extends light flag.	12~19	3.4~5.4
4	Moderate breeze	Raises dust and loose paper.	20~28	5.5~7.9
5	Fresh breeze	Small trees in leaf begin to sway.	29~38	8.0~10.7
6	Strong breeze	Large branches in motion; whistling heard in telegraph wires.	39~49	10.8~13.8
7	Moderate gale	Whole trees in motion; inconvenience felt when walking against the wind.	50~61	13.9~17.1
8	Fresh gale	Breaks twigs off trees; generally impedes progress.	62~74	17.2~20.7
9	Strong gale	Slight structural damage occurs (chimney-pots and slates removed).	75~88	20.8~24.4
10	Very strong wind	Trees uprooted; considerable structural damage occurs.	89~102	24.5~28.4
11	Storm	Seldom experienced inland; accompanied by wide-spread damage.	103~117	28.5~32.6
12	Hurricane	Very rarely experienced; accompanied by serious damage.	118~133	32.7~36.9