

PRO-PLAN CHART NO. 19.

BEAUFORT SCALE

Scale Number	Wind Speed mph	Wind Name	Noticeable Effects of Wind on Land	Noticeable Effects of Wind on Sea
0	< 1	CALM	Smoke rises vertically.	Sea is mirror smooth.
1	1-3	LIGHT AIR	Direction shown by smoke drift, but not by vanes.	Small wavelets like scales, but no foam crests.
2	4-7	LIGHT BREEZE	Wind felt on face. Leaves rustle. Wind vane moves.	Waves are short and more pronounced.
3	8-12	GENTLE BREEZE	Leaves and twigs in motion. Wind extends a light flag.	Crests begin to break. Foam has glassy look.
4	13-18	MODERATE BREEZE	Raises dust and loose pages. Moves small branches.	Wave caps are longer. Many whitecaps.
5	19-24	FRESH BREEZE	Small trees in leaf begin to sway.	Waves more pronounced. Foam crests all over.
6	25-31	STRONG BREEZE	Large branches move. Phone wires whistle.	Larger waves form. Foaming crests more extensive.
7	32-38	MODERATE GALE	Whole trees in motion.	Sea heaps up. Foam begins to flow in streaks.
8	39-46	FRESH GALE	Twigs break off. Progress generally impeded.	Waves increase visibly. Foam in dense streaks.
9	47-54	STRONG GALE	Slight structural damage. Chimney pots removed.	Waves increase visibly. Foam blown in dense streaks.
10	55-63	WHOLE GALE	Trees uprooted. Considerable structural damage.	High waves with overhanging crests. Great foam patches.
11	64-75	STORM	Damage widespread around hurricane edges.	Waves so high that ships hidden in troughs. Air full of spray.
12	> 75	HURRICANE	Devastation.	Devastation.