

BEAUFORT'S SCALE

FORCE OF WIND	VELOCITY	
	Statute miles per hour	Nautical miles per hour
0.—CALM. Full-rigged ship, all sail set, little or no headway -----	0 to 3	0 to 2. 6
1.—LIGHT AIR. Just sufficient to give steerage way-----	8	6. 9
2.—LIGHT BREEZE. Speed of 1 or 2 knots "full and by"-----	13	11. 3
3.—GENTLE BREEZE. Speed of 3 or 4 knots, "full and by"-----	18	15. 6
4.—MODERATE BREEZE. Speed of 5 or 6 knots, "full and by"-----	23	20. 0
5.—FRESH BREEZE. All plain sail, "full and by"-----	28	24. 3
6.—STRONG BREEZE. Topgallant sails over single-reefed topsails-----	34	29. 5
7.—MODERATE GALE. Double-reefed topsails-----	40	34. 7
8.—FRESH GALE. Treble-reefed topsails (or reefed upper topsails and courses)-----	48	41. 6
9.—STRONG GALE. Close-reefed topsails and courses (or lower topsails and courses)-----	56	48. 6
10.—WHOLE GALE. Close-reefed main topsail and reefed foresail (or lower main topsail and reefed foresail)-----	65	56. 4
11.—STORM. Storm staysails-----	75	65. 1
12.—HURRICANE. Under bare poles-----	90 and over	78. 1 and over