











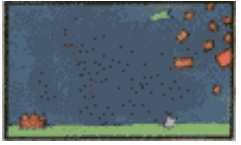


STORMFAX® WEATHER ALMANAC

Beaufort Wind Scale

*Devised by British Rear-Admiral, Sir Francis Beaufort in 1805
based on observations of the effects of the wind*

Beaufort number (force)	Wind Speed		Wave height (feet)	WMO* description	Effects observed on the sea	Effects observed on land
	knots	mph				
0	under 1	under 1	-	Calm	Sea is like a mirror	
1	1 - 3	1 - 3	0.25	Light air	Ripples with appearance of scales; no foam crests	
2	4 - 6	4 - 7	0.5 - 1	Light breeze	Small wavelets; crests of glassy appearance, not breaking	
3	7 - 10	8 - 12	2 - 3	Gentle breeze	Large wavelets; crests begin to break; scattered whitecaps	
4	11-16	13-18	3½ - 5	Moderate breeze	Small waves, becoming longer; numerous whitecaps	
5	17-21	19-24	6 - 8	Fresh breeze	Moderate waves, taking longer form; many whitecaps; some spray	
6	22-27	25-31	9½-13	Strong breeze	Larger waves forming; whitecaps everywhere; more spray	
7	28-33	32-38	13½-19	Near gale	Sea heaps up; white foam from breaking waves begins to be blown in streaks	

8	34-40	39-46	18-25	Gale	Moderately high waves of greater length; edges of crests begin to break into spindrift; foam is blown in well-marked streaks	
9	41-47	47-54	23-32	Strong gale	High waves; sea begins to roll; dense streaks of foam; spray may begin to reduce visibility	
10	48-55	55-63	29-41	Storm	Very high waves with overhanging crests; sea takes white appearance as foam is blown in very dense streaks; rolling is heavy and visibility is reduced	
11	56-63	64-72	37-52	Violent storm	Exceptionally high waves; sea covered with white foam patches; visibility further reduced	
12	64 and over	73 and over	45 and over	Hurricane	Air filled with foam; sea completely white with driving spray; visibility greatly reduced	
* World Meteorological Organization						

Fujita Scale of [Tornado Intensity](#)

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