

Beaufort Wind Scale

Beaufort Number	Knots	Wind Speed MPH	Wind Speed KPH	Wind Force	Sea Surface	Near Coast	Ships	Sea State	Height (m)	Code
0	<1	<1	<1	Calm	Calm	Sea like mirror	Calm	0	0	Calm
1	1-3	1-3	1-5	Light air	Ripples with the appearance of scales; no foam crests.	Fishing smack just has steerage way.	Man-of-war with all sails set will just have steerage way.	0	0	Calm
2	4-6	4-7	6-11	Light Breeze	Small wavelets; crests of glassy appearance, not breaking.	Wind fills the sails of smacks which then travel at about 1-2 MPH.	Man-of-war will sail at 1 to 2 knots.	1	0-0.1	Calm, rippled
3	7-10	8-12	12-19	Gentle Breeze	Large wavelets; crests begin to break; scattered whitecaps.	Smacks begin to careen and travel about 3-4 MPH.	Man-of-war will sail at 3 to 4 knots.	2	0.1-0.5	Smooth
4	11-16	13-18	20-28	Moderate Breeze	Small waves, becoming longer; numerous whitecaps.	Good working breeze, smacks carry all canvas with good list.	Man-of-war sails clean and full at about 5 to 6 knots.	3	0.5-1.25	Slight
5	17-21	19-24	29-38	Fresh Breeze	Moderate waves, taking longer form; many whitecaps; some spray.	Smacks shorten sail.	Man-of-war in chase will just carry royals and courses.	4	1.25-2.5	Moderate
6	22-27	25-31	39-49	Strong Breeze	Larger waves forming; whitecaps everywhere; more spray.	Smacks have double reef in mainsail; care required when fishing.	Man-of-war will have single reefed topsails and top-gallant sails.	5	2.5-4	Rough
7	28-33	32-38	50-61	Near Gale	Sea heaps up; white foam from breaking waves begins to blow in streaks.	Smacks remain in harbour and those at sea lie-to.	Man-of-war will have double-reefed topsails, jib and courses.	6	4-6	Very Rough
8	34-40	39-46	62-74	Gale	Moderately high waves of greater length; edges of crests begin to break into spindrift; foam is blown into wellmarked streaks.	All smacks make for harbour, if near.	Man-of-war will have triple-reefed topsails, jib and courses.	6	4-6	Very Rough
9	41-47	47-54	75-88	Strong Gale	High waves; seas begin to roll; dense streaks of foam; spray may reduce visibility.		Man-of-war will have close-reefed topsails and courses.	6	4-6	Very Rough
10	48-55	55-63	89-102	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.		Man-of-war will scarcely bear close-reefed main-topsail and reefed foresail.	7	6-9	High
11	56-63	64-72	103-117	Violent Storm	Exceptionally high waves; sea covered with white foam patches; visibility still more reduced.		Man-of-war will reduce sail to storm-staysails.	8	9-14	Very High
12	>64	>73	>118	Hurricane	Air filled with foam; sea completely white with driving spray; visibility still more reduced.		Man-of-war will carry no sails.	9	>14	Phenomenal