



BEAUFORT SCALE

Force of wind	Wind speed		Probable wave height
	kns	km/h	
0		0	CALM – Sea like a mirror
1	1-3	1-5	LIGHT AIR – Slight ripples
2	4-6	6-11	LIGHT BREEZE – Small ripples
3	7-10	12-19	GENTLE BREEZE – Larger Wavelets, Few whitecaps
4	11-16	20-28	MODERATE BREEZE – Small waves, Many whitecaps
5	17-21	29-38	FRESH BREEZE – Moderate waves - longer in form, spray starts to fly
6	22-27	39-49	STRONG BREEZE – Larger wave 8-12ft heavier spray
7	28-33	50-61	NEAR GALE – Foam from breaking waves starts blowing in streaks
8	34-40	62-74	GALE – Waves 12-20ft. high –edges of crests break into spindrift
9	41-47	75-88	STRONG GALE – reduced visibility because of flying spray, high waves; sea begins to roll
10	48-55	89-102	STORM – Waves to 30ft with overhanging crests, sea appears white, waves break forcefully.
11	56-63	103-117	VIOLENT STORM – Waves to 45ft., white foam patches, edges of waves turn frothy
12	64+	118+	HURRICANE – Wave over 45ft. air filled with foam – seas appears completely white.