



Beaufort	Description	Wind speed	Wave height	Conditions	Sail	Power Vessel
0	Calm	< 1 knot	0 m	Mirror like	Drifting	Fast planing
1	Light air	1–3 knots	0 - 0.3 m	Ripples	Drifting	Fast planing
2	Light breeze	4–6 knots	0.3 - 0.6 m	Small wavelets	Full main, light headsail	Fast planing
3	Gentle breeze	7–10 knots	0.6 - 1.2 m	Large wavelets, occasional white caps	Full sail	Fast planing
4	Moderate breeze	11–16 knots	1 - 2 m	Small waves, frequent white caps	Reefed headsail	Reduce speed to prevent slamming
5	Fresh breeze	17–21 knots	2 - 3 m	Moderate waves, many white crests	Reefed mainsail	Reduce speed to prevent slamming
6	Strong breeze	22–27 knots	3 - 4 m	Large waves, white foam crests	Reefed main headsail	Displacement speed
7	Near gale	28–33 knots	4 - 5.5 m	Breaking waves, foam in streaks	Deep reefed main, stay sail	Displacement speed
8	Gale	34–40 knots	5.5 - 7.5 m	Moderately high waves, breaking crests	Deep reefed main, storm jib	Displacement speed, stern waves
9	Severe gale	41–47 knots	7 - 10 m	High waves, visible spray	Trysail, storm jib	Displacement speed, stern waves
10	Storm	48–55 knots	9 - 12.5 m	Very high waves, long breaking crests	Survival tactics	
11	Violent storm	56–63 knots	11.5 - 16 m	Exceptionally high seas, continuously breaking waves	Survival tactics	
12	Hurricane Force	≥ 64 knots	≥ 14 m	Exceptionally high seas, continuously breaking waves	Survival tactics	



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Beaufort Force 0

Calm Wind: < 1 knot Waves: 0 m Mirror like



Beaufort Scale

Beaufort Force 1

Light air Wind: 1–3 knots Waves: 0 - 0.3 m Ripples



Beaufort Force 2

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Light breeze Wind: 4–6 knots Waves: 0.3 - 0.6 m Small wavelets





Beaufort Force 3

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Gentle breeze Wind: 7–10 knots Waves: 0.6 - 1.2 m Large wavelets, occasional white caps

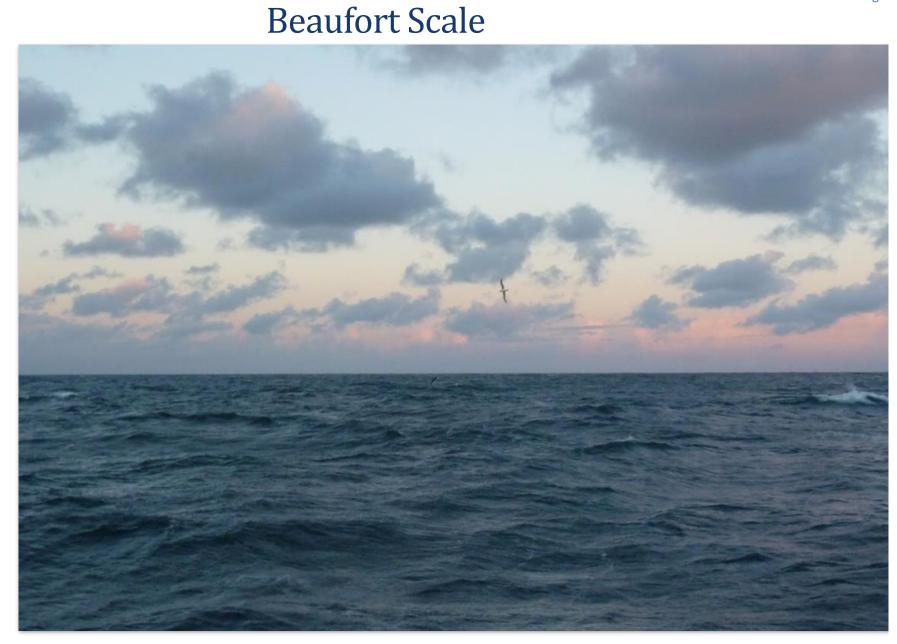




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Beaufort Force 4

Moderate breeze Wind: 11–16 knots Waves: 1 - 2 m Small waves, frequent white caps





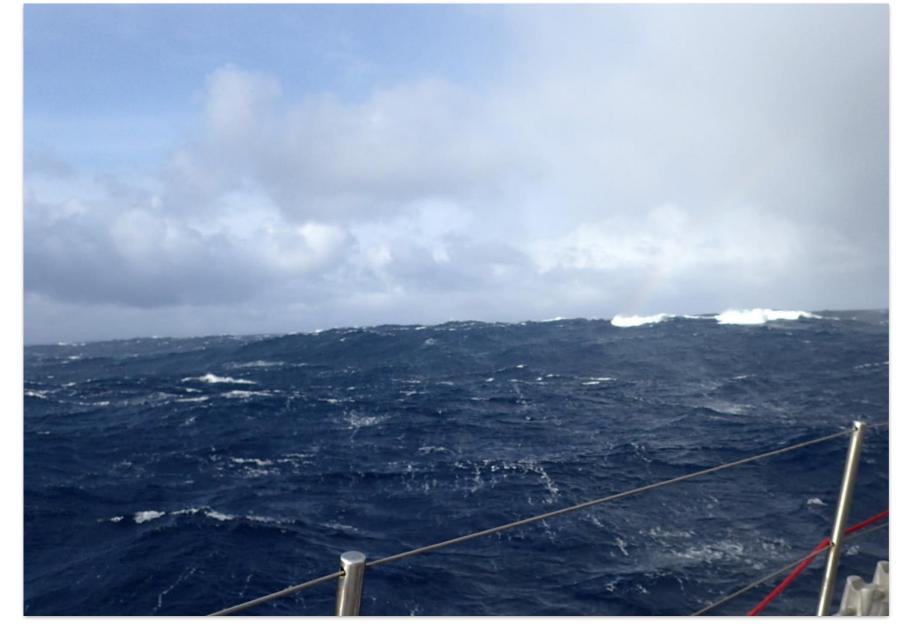
Fresh breeze Wind: 17–21 knots Waves: 2 - 3 m Moderate waves, many white crests





Beaufort Force 6

Strong breeze Wind: 22–27 knots Waves: 3 - 4 m Large waves, white foam crests





Near gale Wind: 28–33 knots Waves: 4 - 5.5 m Breaking waves, foam in streaks





Beaufort Scale

Beaufort Force 8

Gale Wind: 34–40 knots Waves: 5.5 - 7.5 m Moderately high waves, breaking crests

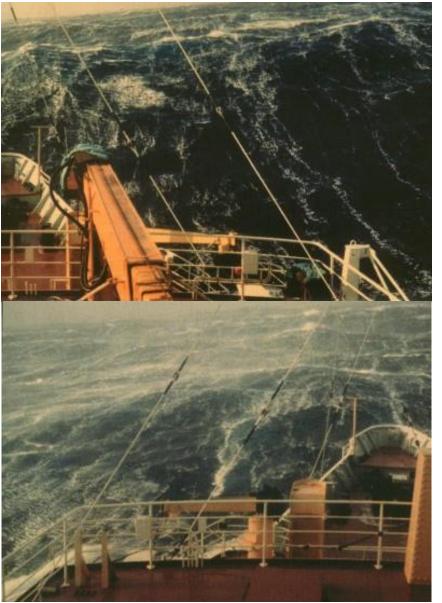




Severe gale Wind: 41–47 knots Waves: 7 - 10 m High waves, visible spray

Beaufort Force 10

Storm Wind: 48–55 knots Waves: 9 - 12.5 m Very high waves, long breaking crests





Violent storm Wind: 56–63 knots Waves: 11.5 - 16 m Exceptionally high seas, continuously breaking waves

Beaufort Force 12

Hurricane Force Wind: ≥ 64 knots Waves: ≥ 14 m Exceptionally high seas, continuously breaking waves

