

BEAUFORT WIND SCALE

No.	Velocity Knots	Description
0	0	Calm.
1	1 - 3	Light Air.
2	4 - 6	Light Breeze
3	7 - 10	Gentle Breeze.
4	11 - 15	Moderate Breeze.
5	16 - 20	Fresh Breeze.
6	21 - 26	Strong Breeze.
7	27 - 33	Moderate Gale.
8	34 - 40	Fresh Gale.
9	41 - 47	Strong Gale.
10	48 - 55	Whole Gale.
11	56 - 65	Strom.
12	Above 65	Hurricane.

SEA DISTURBANCE SCALE

No.	Description	Height of Wave, Crest to Trough
0	Calm	0
1	Very Smooth	Less than 1 ft.
2	Smooth	1 - 2 ft.
3	Slight	2 - 3 ft.
4	Moderate	3 - 5 ft.
5	Rather Rough	5 - 8 ft.
6	Rough	8 - 12 ft.
7	High	12 - 20 ft.
8	Very High	20 - 40 ft.
9	Precipitous	40 ft. and over

VISIBILITY SCALE

No.	Description	Distance of Vision
0	Dense Fog	Objects not visible at 50 yd.
1	Thick Fog	Objects not visible at 300 yd.
2	Fog	Objects not visible at 600 yd.
3	Moderate Fog	Objects are not visible at ½ ml.
4	Mist or Thin Fog	Objects not visible at 1 ml.
5	Poor Visibility	Objects not visible at 2 ml.
6	Moderate Visibility	Objects not visible at 5 ml.
7	Good Visibility	Objects not visible at 10 ml.
8	Very Good Visibility	Objects not visibility at 30 ml.
9	Exceptional Visibility	Objects visible at more than 30 miles.

BEAUFORT NOTATION TO INDICATE THE STATE OF THE WEATHER

Weather	Beaufort Letter	Weather	Beaufort Letter
Blue sky (0 - 2 / 3 clouded)	b	Overcast sky. (The Whole sky covered with unbroken cloud)	o
Sky partly clouded (3 - 5 / 8 clouded)	bc	Squally weather	q
Cloudy (6 - 8 / 8 clouded)	c	Rain	r
Drizzle	d	Sleet (i.e. rain and snow together)	rs
Wet air (without precipitation)	e		
Fog	f	Snow	s
Gale	g	Thunder	t
Hail	h	Thunderstorm with rain or snow	tir or tis
Precipitation in sight of ship or station	jp	Ugly threatening sky	u
Line squall	kq	Unusual visibility	v
Strom of drifting snow	ks	Dew	w
Sandstorm or duststorm	kz	Hoar frost	x
Lightning	l	Dry air	y
Mist	m	Dust haze	z