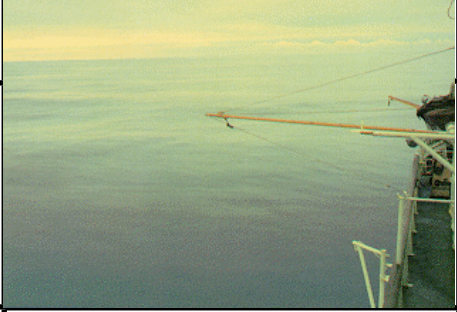





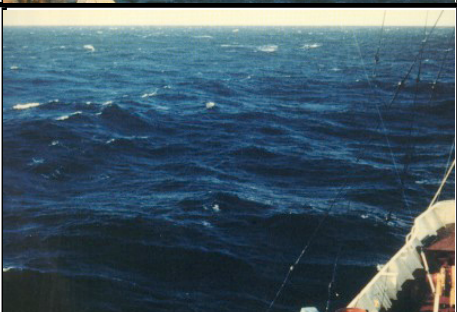
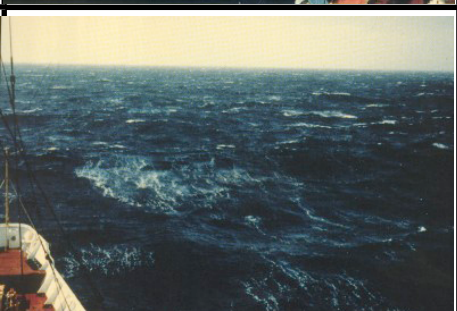








## Scale of the wind forces for the sea

Sym bol	Be auf ort	km/h	m/s	knts.	Designation	Effect at sea	
○	0	1	0-0.2	1	Calm	Smooth sea :	
┌	1	1-5	0.3-1.5	1-3	Quiet course	Small ripples without whitecaps.	
	2	6-11	1.6-3.3	4-6	Easy breeze	Small, short waves, glassy, not breaking combs.	
└	3	12-19	3.4-5.4	7-10	Gentle breeze	Combs begin to break. Foam glassily, isolated whitecaps.	
	4	20-28	5.5-7.9	11-15	Moderate breeze	Small, longer waves. Spreaded whitecaps.	
└└	5	29-38	8.0-10.7	16-21	Fresh breeze	Long, moderate waves. Everywhere whitecaps.	
	6	39-49	10.8-13.8	22-27	High wind	Larger waves and foam surfaces, combs break, some spray.	
└└└	7	50-61	13.9-17.1	28-33	Near gale	Sea piles up, foam puts in wind direction.	
	8	62-74	17.2-20.7	34-40	Stormy wind	Moderately high wave mountains with long combs, spray stripes.	
└└└└	9	75-88	20.8-24.4	41-47	Gale	High wave mountains, dense foam stripes. Spray impairs view.	
	10	89-102	24.5-28.4	48-55	Storm	Very high wave mountains, breaking combs. Sea rolls heavily, spray impairs view.	
└└└└└	11	103-117	28.5-32.6	56-63	Violent storm	Extremely high wave mountains. Wave combs become everywhere spray, view reduction.	
	12	118-133	32.7-36.9	64-71	Hurricane	Waves more highly than 10 meters. Air filled with foam and spray, sea completely white, view strongly reduced.	