

WIND SPEED CONVERSION CHART

Knots (kts)	Miles Per Hour (mph)	Description
1	1.15	Light Air
5	5.75	Light Breeze
10	11.51	Gentle Breeze
15	17.26	Moderate Breeze
20	23.02	Fresh Breeze
25	28.77	Strong Breeze
30	34.52	Near Gale
35	40.28	Gale
40	46.03	Strong Gale
45	51.79	Storm
50	57.54	Violent Storm
64+	73.65+	Hurricane Force

Formula: $\text{mph} = \text{knots} \tilde{A} - 1.15078$