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Wind Speed Conversion Table

Meters per Second	Kilometer per Hour	Miles per Hour
30	108.0	67.1
31	111.6	69.4
32	115.2	71.6
33	118.8	73.8
34	122.4	76.1
35	126.0	78.3
36	129.6	80.5
38	136.8	85.0
40	144.0	89.5
41	147.6	91.7
42	151.2	94.0
43	154.8	96.2
44	158.4	98.4
45	162.0	100.7
46	165.6	102.9
47	169.2	105.2
48	172.8	107.4
49	176.4	109.6
50	180.0	111.9
51	183.6	114.1
52	187.2	116.3
53	190.8	118.6
54	194.4	120.8
55	198.0	123.1
56	201.6	125.3
57	205.2	127.5
58	208.8	129.8
59	212.4	132.0
60	216.0	134.2
61	219.6	136.5
62	223.2	138.7
63	226.8	141.0
64	230.4	143.2
65	234.0	145.4
66	237.6	147.7
67	241.2	149.9
68	244.8	152.1
69	248.4	154.4
70	252.0	156.6

Convert m/s to mph

meter per second = 2.23693629 (2.24) mph. So, take meters per second and multiply by 2.23693629 (2.24) to get miles per hour. Example, 55 meters per second = 123.03

Convert mph to kph

One mile is 5280 feet. One foot is 0.3048 metres. therefore one mile is 1609.344 meters, or 1.609344 km. so, the formula is $\text{km/h} = \text{mph} \times 1.609344$ - you could use 1.6 or 8/5 for an approximation.

