

Converting Knots (KT) to Miles per Hour (MPH)

(ex. to convert 25 kt, find the 20 on left, then follow across til you intersects column with 5.

That value at the intersection is the miles per hour. So 25 kt is equal to 29 mph.)

MPH	0 kt	1	2	3	4	5	6	7	8	9	
0 kt	0	1	2	4	5	6	7	8	9	10	
10	12	13	14	15	16	17	18	20	21	22	
20	23	24	25	27	28	29	30	31	32	33	
30	35	36	37	38	39	40	41	43	44	45	
40	46	47	48	50	51	52	53	54	55	56	
50	58	59	60	61	62	63	64	66	67	68	
60	69	70	71	73	74	75	76	77	78	79	
70	81	82	83	84	85	86	88	89	90	91	
80	92	93	94	96	97	98	99	100	101	102	
90	104	105	106	107	108	109	111	112	113	114	
Marine Warnings:				Gale			Storm		Hurricane Force		

Converting Miles per Hour (MPH) to Knots (KT)

(ex. to convert 37 mph, find the 30 on left, then follow across til you intersects column with 7.

That value at the intersection is the miles per hour. So 37 mph is equal to 32 kts)

KTs	0 mph	1	2	3	4	5	6	7	8	9	
0 mph	0	1	2	3	4	4	5	6	7	8	
10	9	10	10	11	12	13	14	15	16	17	
20	17	18	19	20	21	22	23	24	24	25	
30	26	27	28	29	30	30	31	32	33	34	
40	35	36	37	37	38	39	40	41	42	43	
50	43	44	45	46	47	48	49	50	50	51	
60	52	53	54	55	56	57	57	58	59	60	
70	61	62	63	63	64	65	66	67	68	69	
80	70	70	71	72	73	74	75	76	77	77	
90	78	79	80	81	82	83	83	84	85	86	
Marine Warnings:				Gale			Storm		Hurricane Force		

Source: NWS Portland, <http://weather.gov/portland>