Frequency[1] of Wind SPEED, based on Time of Day

How to use this table: In May, at 1900 (7 pm local), if wind is from NW, the average speed is 9.3 kt (~11 mph).
In December, at 1300 (1 pm local), if the wind is from the East (E), the average speed is 12.7 kts (~15 mph).

	LST	**Wind Speed** *(in knots)* *[speed in mph = 1.15 x knots]*															
		N *349° to 11°*	**NNE** *11° to 34°*	**NE** *34° to 56°*	**ENE** *56° to 79°*	**E** *79° to 101°*	**ESE** *101° to 124°*	**SE** *124° to 146°*	**SSE** *146° to 169°*	**S** *169° to 191°*	**SSW** *191° to 214°*	**SW** *214° to 236°*	**WSW** *236° to 259°*	**W** *259° to 281°*	**WNW** *281° to 304°*	**NW** *304° to 326°*	**NNW** *326° to 349°*
JAN	***07***	4.2	5.0	4.9	7.8	11.4	10.2	9.0	7.7	9.4	12.4	9.3	5.2	3.7	5.6	5.3	5.3
	13	3.6	5.1	4.6	12.3	12.1	11.6	10.2	7.8	11.7	13.2	11.4	9.7	6.1	6.0	5.7	5.5
	19	3.9	4.3	4.5	9.6	11.0	10.1	9.1	8.8	10.0	12.5	10.1	7.3	4.6	5.2	5.6	5.8
FEB	***07***	3.9	3.6	3.8	6.1	9.5	9.5	8.4	7.4	8.8	12.5	9.9	6.3	4.6	5.2	4.9	3.9
	13	4.4	5.0	6.0	7.4	11.4	11.9	10.4	9.4	10.8	13.5	12.0	9.0	6.5	6.3	6.7	4.8
	19	3.8	5.0	4.9	8.5	10.5	10.3	9.0	7.1	9.5	11.8	10.3	8.3	5.6	6.2	7.3	6.6
MAR	***07***	3.6	4.2	3.8	5.1	6.9	8.3	7.2	6.4	8.7	10.5	8.2	5.3	4.5	4.9	5.9	5.3
	13	4.8	4.6	5.4	7.0	10.4	10.5	11.1	10.8	10.9	13.1	11.2	9.9	7.7	7.7	7.3	6.1
	19	6.3	4.5	5.9	5.8	8.1	8.7	8.3	7.7	9.1	10.7	10.6	7.7	6.5	7.0	7.6	6.7
APR	***07***	4.0	4.4	3.5	4.4	5.7	6.9	6.0	5.8	8.0	9.1	8.2	5.8	4.7	5.2	5.5	5.4
	13	4.8	5.1	5.0	7.0	9.6	9.5	8.0	8.5	10.7	11.5	10.3	8.3	7.9	7.9	7.3	7.0
	19	6.6	5.1	4.5	5.6	7.0	7.6	7.3	7.4	8.7	9.7	8.7	8.5	6.6	7.0	8.7	8.7
MAY	***07***	3.9	4.1	3.8	4.1	4.6	6.6	5.8	6.3	6.8	8.0	7.4	5.6	4.4	5.1	5.6	5.5
	13	5.3	5.0	4.9	6.7	7.7	8.2	6.5	7.7	9.2	9.6	9.1	7.7	7.2	7.7	7.2	6.8
	19	7.9	5.6	5.9	6.8	5.9	6.8	7.1	7.3	7.5	9.5	7.8	7.7	7.5	8.0	9.3	9.2
JUN	***07***	4.8	4.6	4.2	4.2	3.8	5.3	5.9	5.6	6.5	8.1	7.6	5.0	4.0	4.9	6.0	6.0
	13	6.0	5.1	5.2	6.4	6.3	6.6	6.7	6.1	8.2	9.5	9.2	7.7	7.3	7.6	7.4	7.1
	19	9.0	6.5	5.0	5.8	4.9	6.5	7.3	7.8	7.4	8.4	7.8	9.0	7.1	7.9	9.5	9.8
JUL	***07***	5.3	4.4	4.3	4.0	4.1	5.8	6.3	6.3	5.9	6.8	6.5	4.3	4.2	5.0	5.5	5.8
	13	5.9	5.3	5.3	6.8	7.5	7.5	5.4	7.1	8.6	9.3	8.3	7.3	7.1	8.1	7.7	7.4
	19	8.9	5.9	5.7	6.7	5.6	6.3	6.9	6.2	7.3	10.9	9.0	7.3	6.5	8.7	10.2	10.3
AUG	***07***	4.6	4.4	4.3	3.9	3.6	5.5	5.4	5.4	5.8	6.8	5.6	4.2	4.1	4.8	5.5	5.6
	13	5.8	5.2	5.4	6.9	8.0	7.4	5.5	7.5	8.0	9.3	8.9	7.7	6.8	7.7	7.5	6.5
	19	8.0	7.3	5.0	5.9	4.9	7.7	6.4	8.2	6.0	8.1	8.3	8.0	6.2	7.8	9.5	9.6
SEP	***07***	4.5	4.2	4.8	5.2	5.1	5.6	5.0	5.3	5.5	7.0	5.0	4.1	4.2	5.2	5.7	5.2
	13	5.5	5.3	6.5	10.4	11.6	8.8	6.6	6.6	9.7	9.6	9.2	6.8	6.8	7.6	6.8	6.5
	19	7.7	6.7	6.2	6.7	6.8	6.6	6.8	5.1	7.0	9.9	8.4	6.7	5.1	6.7	7.7	8.6
OCT	***07***	4.3	4.5	4.2	4.4	6.2	7.4	6.3	5.2	7.0	8.4	6.2	4.0	4.0	4.7	5.1	6.0
	13	4.6	4.9	5.2	8.2	10.8	10.5	9.0	7.9	9.6	10.6	8.8	7.1	5.6	6.6	6.1	5.9
	19	5.1	4.8	4.4	5.7	6.9	7.4	6.5	7.1	7.5	9.4	7.8	4.8	4.7	5.9	6.6	7.5
NOV	***07***	4.0	4.7	4.3	6.0	10.5	9.7	7.9	6.1	8.9	10.7	7.1	5.4	4.9	5.3	5.9	6.4
	13	4.7	4.6	5.5	6.8	12.0	11.3	9.9	8.4	10.4	12.0	11.5	9.2	6.6	6.7	6.5	4.7
	19	4.5	4.3	4.9	8.6	10.3	9.9	8.1	7.8	9.5	11.1	8.2	6.6	4.8	5.8	5.2	6.1
DEC	***07***	3.6	4.8	5.5	6.1	10.9	10.8	9.0	6.0	8.9	12.2	9.6	6.4	4.5	5.2	6.1	5.5
	13	4.5	3.8	5.2	8.0	12.7	11.6	10.0	8.0	10.8	12.7	11.1	7.8	6.5	5.8	6.1	5.8
	19	4.5	4.2	6.2	8.9	11.2	10.6	9.2	6.9	10.3	12.2	9.0	6.2	4.9	5.6	5.6	4.7

[1]*Data based on hourly observations between 1948 and 1995.*