

Wind Speeds - Crosswind and Headwind Components

Wind Angle	Crosswind Factor	Head/Tail Factor	5 Knot Winds		10 Knot Winds		15 Knot Winds		20 Knot Winds		25 Knot Winds	
			Crosswind	Headwind	Crosswind	Headwind	Crosswind	Headwind	Crosswind	Headwind	Crosswind	Headwind
0	0.0000	1.0000	0.00	5.00	0.00	10.00	0.00	15.00	0.00	20.00	0.00	25.00
2	0.0349	0.9994	0.17	5.00	0.35	9.99	0.52	14.99	0.70	19.99	0.87	24.98
4	0.0698	0.9976	0.35	4.99	0.70	9.98	1.05	14.96	1.40	19.95	1.74	24.94
6	0.1045	0.9945	0.52	4.97	1.05	9.95	1.57	14.92	2.09	19.89	2.61	24.86
8	0.1392	0.9903	0.70	4.95	1.39	9.90	2.09	14.85	2.78	19.81	3.48	24.76
10	0.1736	0.9848	0.87	4.92	1.74	9.85	2.60	14.77	3.47	19.70	4.34	24.62
12	0.2079	0.9781	1.04	4.89	2.08	9.78	3.12	14.67	4.16	19.56	5.20	24.45
14	0.2419	0.9703	1.21	4.85	2.42	9.70	3.63	14.55	4.84	19.41	6.05	24.26
16	0.2756	0.9613	1.38	4.81	2.76	9.61	4.13	14.42	5.51	19.23	6.89	24.03
18	0.3090	0.9511	1.55	4.76	3.09	9.51	4.64	14.27	6.18	19.02	7.73	23.78
20	0.3420	0.9397	1.71	4.70	3.42	9.40	5.13	14.10	6.84	18.79	8.55	23.49
22	0.3746	0.9272	1.87	4.64	3.75	9.27	5.62	13.91	7.49	18.54	9.37	23.18
24	0.4067	0.9135	2.03	4.57	4.07	9.14	6.10	13.70	8.13	18.27	10.17	22.84
26	0.4384	0.8988	2.19	4.49	4.38	8.99	6.58	13.48	8.77	17.98	10.96	22.47
28	0.4695	0.8829	2.35	4.41	4.69	8.83	7.04	13.24	9.39	17.66	11.74	22.07
30	0.5000	0.8660	2.50	4.33	5.00	8.66	7.50	12.99	10.00	17.32	12.50	21.65
32	0.5299	0.8480	2.65	4.24	5.30	8.48	7.95	12.72	10.60	16.96	13.25	21.20
34	0.5592	0.8290	2.80	4.15	5.59	8.29	8.39	12.44	11.18	16.58	13.98	20.73
36	0.5878	0.8090	2.94	4.05	5.88	8.09	8.82	12.14	11.76	16.18	14.69	20.23
38	0.6157	0.7880	3.08	3.94	6.16	7.88	9.23	11.82	12.31	15.76	15.39	19.70
40	0.6428	0.7660	3.21	3.83	6.43	7.66	9.64	11.49	12.86	15.32	16.07	19.15
42	0.6691	0.7431	3.35	3.72	6.69	7.43	10.04	11.15	13.38	14.86	16.73	18.58
44	0.6947	0.7193	3.47	3.60	6.95	7.19	10.42	10.79	13.89	14.39	17.37	17.98
46	0.7193	0.6947	3.60	3.47	7.19	6.95	10.79	10.42	14.39	13.89	17.98	17.37
48	0.7431	0.6691	3.72	3.35	7.43	6.69	11.15	10.04	14.86	13.38	18.58	16.73
50	0.7660	0.6428	3.83	3.21	7.66	6.43	11.49	9.64	15.32	12.86	19.15	16.07
52	0.7880	0.6157	3.94	3.08	7.88	6.16	11.82	9.23	15.76	12.31	19.70	15.39
54	0.8090	0.5878	4.05	2.94	8.09	5.88	12.14	8.82	16.18	11.76	20.23	14.69
56	0.8290	0.5592	4.15	2.80	8.29	5.59	12.44	8.39	16.58	11.18	20.73	13.98
58	0.8480	0.5299	4.24	2.65	8.48	5.30	12.72	7.95	16.96	10.60	21.20	13.25
60	0.8660	0.5000	4.33	2.50	8.66	5.00	12.99	7.50	17.32	10.00	21.65	12.50
62	0.8829	0.4695	4.41	2.35	8.83	4.69	13.24	7.04	17.66	9.39	22.07	11.74
64	0.8988	0.4384	4.49	2.19	8.99	4.38	13.48	6.58	17.98	8.77	22.47	10.96
66	0.9135	0.4067	4.57	2.03	9.14	4.07	13.70	6.10	18.27	8.13	22.84	10.17
68	0.9272	0.3746	4.64	1.87	9.27	3.75	13.91	5.62	18.54	7.49	23.18	9.37
70	0.9397	0.3420	4.70	1.71	9.40	3.42	14.10	5.13	18.79	6.84	23.49	8.55
72	0.9511	0.3090	4.76	1.55	9.51	3.09	14.27	4.64	19.02	6.18	23.78	7.73
74	0.9613	0.2756	4.81	1.38	9.61	2.76	14.42	4.13	19.23	5.51	24.03	6.89
76	0.9703	0.2419	4.85	1.21	9.70	2.42	14.55	3.63	19.41	4.84	24.26	6.05
78	0.9781	0.2079	4.89	1.04	9.78	2.08	14.67	3.12	19.56	4.16	24.45	5.20
80	0.9848	0.1736	4.92	0.87	9.85	1.74	14.77	2.60	19.70	3.47	24.62	4.34
82	0.9903	0.1392	4.95	0.70	9.90	1.39	14.85	2.09	19.81	2.78	24.76	3.48
84	0.9945	0.1045	4.97	0.52	9.95	1.05	14.92	1.57	19.89	2.09	24.86	2.61
86	0.9976	0.0698	4.99	0.35	9.98	0.70	14.96	1.05	19.95	1.40	24.94	1.74
88	0.9994	0.0349	5.00	0.17	9.99	0.35	14.99	0.52	19.99	0.70	24.98	0.87
90	1.0000	0.0000	5.00	0.00	10.00	0.00	15.00	0.00	20.00	0.00	25.00	0.00