

University of Wisconsin-Extension

GEOLOGICAL AND NATURAL HISTORY SURVEY
3817 Mineral Point Road
Madison, Wisconsin 53705

M.E. Ostrom, State Geologist and Director

TABLE FOR CALCULATING WIND CHILL INDEX

by

D.R. Clark

Open-File Report 84-2
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1984

WIND CHILL INDEX

Air Temperature, Degrees Fahrenheit

		40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	
4	WIND SPEED, M.P.H.	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	4
5		37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	19	18	17	16	5
6		35	34	33	32	31	30	29	27	26	25	24	23	22	21	20	19	18	16	15	14	13	6
7		33	32	31	30	29	27	26	25	24	23	22	21	19	18	17	16	15	14	13	11	10	7
8		31	30	29	28	27	25	24	23	22	21	20	18	17	16	15	14	13	11	10	9	8	8
9		30	28	27	26	25	24	22	21	20	19	18	16	15	14	13	12	10	9	8	7	6	9
10		28	27	26	24	23	22	21	20	18	17	16	15	13	12	11	10	8	7	6	5	4	10
11		27	26	24	23	22	20	19	18	17	15	14	13	12	10	9	8	7	5	4	3	2	11
12		26	24	23	22	20	19	18	17	15	14	13	11	10	9	8	6	5	4	2	1	-0	12
13		24	23	22	20	19	18	17	15	14	13	11	10	9	7	6	5	3	2	1	-0	-2	13
14		23	22	21	19	18	17	15	14	13	11	10	9	7	6	5	3	2	1	-1	-2	-3	14
15		22	21	20	18	17	16	14	13	11	10	9	7	6	5	3	2	1	-1	-2	-3	-5	15
16		21	20	19	17	16	15	13	12	10	9	8	6	5	4	2	1	-0	-2	-3	-5	-6	16
17		20	19	18	16	15	14	12	11	9	8	7	5	4	2	1	-0	-2	-3	-4	-6	-7	17
18		20	18	17	15	14	13	11	10	8	7	6	4	3	1	0	-1	-3	-4	-6	-7	-8	18
19		19	17	16	15	13	12	10	9	8	6	5	3	2	1	-1	-2	-4	-5	-7	-8	-9	19
20		18	17	15	14	12	11	10	8	7	5	4	2	1	-0	-2	-3	-5	-6	-8	-9	-10	20
21		17	16	15	13	12	10	9	7	6	4	3	2	0	-1	-3	-4	-6	-7	-8	-10	-11	21
22		17	15	14	12	11	10	8	7	5	4	2	1	-1	-2	-4	-5	-6	-8	-9	-11	-12	22
23		16	15	13	12	10	9	7	6	5	3	2	0	-1	-3	-4	-6	-7	-9	-10	-12	-13	23
24		16	14	13	11	10	8	7	5	4	2	1	-1	-2	-4	-5	-6	-8	-9	-11	-12	-14	24
25		15	14	12	11	9	8	6	5	3	2	0	-1	-3	-4	-6	-7	-9	-10	-12	-13	-15	25
26		15	13	12	10	9	7	6	4	3	1	-0	-2	-3	-5	-6	-8	-9	-11	-12	-14	-15	26
27		14	13	11	10	8	7	5	4	2	1	-1	-2	-4	-5	-7	-8	-10	-11	-13	-14	-16	27
28		14	12	11	9	8	6	5	3	2	0	-1	-3	-4	-6	-7	-9	-11	-12	-14	-15	-17	28
29		13	12	10	9	7	6	4	3	1	-0	-2	-3	-5	-6	-8	-10	-11	-13	-14	-16	-17	29
30		13	11	10	8	7	5	4	2	1	-1	-2	-4	-5	-7	-9	-10	-12	-13	-15	-16	-18	30
31		13	11	9	8	6	5	3	2	0	-1	-3	-4	-6	-7	-9	-11	-12	-14	-15	-17	-18	31
32		12	11	9	8	6	4	3	1	-0	-2	-3	-5	-6	-8	-9	-11	-13	-14	-16	-17	-19	32
33		12	10	9	7	6	4	3	1	-1	-2	-4	-5	-7	-8	-10	-11	-13	-14	-16	-18	-19	33
34		12	10	8	7	5	4	2	1	-1	-2	-4	-6	-7	-9	-10	-12	-13	-15	-16	-18	-20	34
35		11	10	8	7	5	3	2	0	-1	-3	-4	-6	-7	-9	-11	-12	-14	-15	-17	-18	-20	35
36		11	9	8	6	5	3	2	0	-2	-3	-5	-6	-8	-9	-11	-12	-14	-16	-17	-19	-20	36
37		11	9	8	6	4	3	1	-0	-2	-3	-5	-7	-8	-10	-11	-13	-14	-16	-18	-19	-21	37
38		11	9	7	6	4	3	1	-1	-2	-4	-5	-7	-8	-10	-12	-13	-15	-16	-18	-19	-21	38
39		10	9	7	6	4	2	1	-1	-2	-4	-5	-7	-9	-10	-12	-13	-15	-17	-18	-20	-21	39
40		10	9	7	5	4	2	1	-1	-3	-4	-6	-7	-9	-10	-12	-14	-15	-17	-18	-20	-22	40
41		10	8	7	5	4	2	0	-1	-3	-4	-6	-8	-9	-11	-12	-14	-15	-17	-19	-20	-22	41
42		10	8	7	5	3	2	0	-1	-3	-5	-6	-8	-9	-11	-13	-14	-16	-17	-19	-20	-22	42
43		10	8	6	5	3	2	0	-2	-3	-5	-6	-8	-10	-11	-13	-14	-16	-17	-19	-21	-22	43
44		9	8	6	5	3	1	-0	-2	-3	-5	-6	-8	-10	-11	-13	-14	-16	-18	-19	-21	-22	44
45		9	8	6	5	3	1	-0	-2	-3	-5	-7	-8	-10	-11	-13	-15	-16	-18	-19	-21	-23	45
50		9	7	6	4	2	1	-1	-2	-4	-6	-7	-9	-10	-12	-14	-15	-17	-18	-20	-22	-23	50
55		9	7	5	4	2	1	-1	-3	-4	-6	-7	-9	-11	-12	-14	-15	-17	-19	-20	-22	-23	55

State Climatologist's Office

Geological and Natural History Survey

WIND CHILL INDEX

Air Temperature, Degrees Fahrenheit

		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
4	WIND SPEED, M.P.H.	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	4
5		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	-0	-2	-3	-4	-5	5
6		13	12	11	10	9	8	7	5	4	3	2	1	0	-1	-2	-3	-4	-5	-7	-8	-9	6
7		10	9	8	7	6	5	4	2	1	0	-1	-2	-3	-4	-6	-7	-8	-9	-10	-11	-12	7
8		8	7	6	4	3	2	1	-0	-2	-3	-4	-5	-6	-7	-9	-10	-11	-12	-13	-14	-16	8
9		6	4	3	2	1	-0	-2	-3	-4	-5	-6	-8	-9	-10	-11	-12	-14	-15	-16	-17	-18	9
10		4	2	1	-0	-1	-3	-4	-5	-6	-8	-9	-10	-11	-12	-14	-15	-16	-17	-19	-20	-21	10
11		2	0	-1	-2	-3	-5	-6	-7	-8	-10	-11	-12	-13	-15	-16	-17	-19	-20	-21	-22	-24	11
12		-0	-1	-3	-4	-5	-7	-8	-9	-10	-12	-13	-14	-16	-17	-18	-19	-21	-22	-23	-24	-26	12
13		-2	-3	-4	-6	-7	-8	-10	-11	-12	-13	-15	-16	-17	-19	-20	-21	-23	-24	-25	-27	-28	13
14		-3	-5	-6	-7	-9	-10	-11	-13	-14	-15	-17	-18	-19	-20	-22	-23	-24	-26	-27	-28	-30	14
15		-5	-6	-7	-9	-10	-11	-13	-14	-15	-17	-18	-19	-21	-22	-23	-25	-26	-28	-29	-30	-32	15
16		-6	-7	-9	-10	-11	-13	-14	-15	-17	-18	-20	-21	-22	-24	-25	-26	-28	-29	-30	-32	-33	16
17		-7	-9	-10	-11	-13	-14	-15	-17	-18	-20	-21	-22	-24	-25	-26	-28	-29	-31	-32	-33	-35	17
18		-8	-10	-11	-12	-14	-15	-17	-18	-19	-21	-22	-24	-25	-26	-28	-29	-31	-32	-33	-35	-36	18
19		-9	-11	-12	-14	-15	-16	-18	-19	-21	-22	-23	-25	-26	-28	-29	-31	-32	-33	-35	-36	-38	19
20		-10	-12	-13	-15	-16	-18	-19	-20	-22	-23	-25	-26	-27	-29	-30	-32	-33	-35	-36	-37	-39	20
21		-11	-13	-14	-16	-17	-19	-20	-21	-23	-24	-26	-27	-29	-30	-31	-33	-34	-36	-37	-39	-40	21
22		-12	-14	-15	-17	-18	-19	-21	-22	-24	-25	-27	-28	-30	-31	-33	-34	-35	-37	-38	-40	-41	22
23		-13	-15	-16	-17	-19	-20	-22	-23	-25	-26	-28	-29	-31	-32	-34	-35	-36	-38	-39	-41	-42	23
24		-14	-15	-17	-18	-20	-21	-23	-24	-26	-27	-29	-30	-32	-33	-34	-36	-37	-39	-40	-42	-43	24
25		-15	-16	-18	-19	-21	-22	-23	-25	-26	-28	-29	-31	-32	-34	-35	-37	-38	-40	-41	-43	-44	25
26		-15	-17	-18	-20	-21	-23	-24	-26	-27	-29	-30	-32	-33	-35	-36	-38	-39	-41	-42	-44	-45	26
27		-16	-17	-19	-20	-22	-23	-25	-26	-28	-29	-31	-32	-34	-35	-37	-38	-40	-41	-43	-44	-46	27
28		-17	-18	-20	-21	-23	-24	-26	-27	-29	-30	-32	-33	-35	-36	-38	-39	-41	-42	-44	-45	-47	28
29		-17	-19	-20	-22	-23	-25	-26	-28	-29	-31	-32	-34	-35	-37	-38	-40	-41	-43	-44	-46	-48	29
30		-18	-19	-21	-22	-24	-25	-27	-28	-30	-31	-33	-34	-36	-38	-39	-41	-42	-44	-45	-47	-48	30
31		-18	-20	-21	-23	-24	-26	-27	-29	-30	-32	-34	-35	-37	-38	-40	-41	-43	-44	-46	-47	-49	31
32		-19	-20	-22	-23	-25	-26	-28	-29	-31	-33	-34	-36	-37	-39	-40	-42	-43	-45	-46	-48	-50	32
33		-19	-21	-22	-24	-25	-27	-28	-30	-32	-33	-35	-36	-38	-39	-41	-42	-44	-45	-47	-49	-50	33
34		-20	-21	-23	-24	-26	-27	-29	-30	-32	-34	-35	-37	-38	-40	-41	-43	-44	-46	-48	-49	-51	34
35		-20	-21	-23	-25	-26	-28	-29	-31	-32	-34	-36	-37	-39	-40	-42	-43	-45	-46	-48	-50	-51	35
36		-20	-22	-23	-25	-27	-28	-30	-31	-33	-34	-36	-38	-39	-41	-42	-44	-45	-47	-48	-50	-52	36
37		-21	-22	-24	-25	-27	-29	-30	-32	-33	-35	-36	-38	-39	-41	-43	-44	-46	-47	-49	-50	-52	37
38		-21	-23	-24	-26	-27	-29	-30	-32	-34	-35	-37	-38	-40	-41	-43	-45	-46	-48	-49	-51	-52	38
39		-21	-23	-24	-26	-28	-29	-31	-32	-34	-35	-37	-39	-40	-42	-43	-45	-47	-48	-50	-51	-53	39
40		-22	-23	-25	-26	-28	-29	-31	-33	-34	-36	-37	-39	-41	-42	-44	-45	-47	-48	-50	-52	-53	40
41		-22	-23	-25	-27	-28	-30	-31	-33	-34	-36	-38	-39	-41	-42	-44	-46	-47	-49	-50	-52	-54	41
42		-22	-24	-25	-27	-28	-30	-32	-33	-35	-36	-38	-40	-41	-43	-44	-46	-47	-49	-51	-52	-54	42
43		-22	-24	-25	-27	-29	-30	-32	-33	-35	-37	-38	-40	-41	-43	-45	-46	-48	-49	-51	-52	-54	43
44		-22	-24	-26	-27	-29	-30	-32	-34	-35	-37	-38	-40	-42	-43	-45	-46	-48	-50	-51	-53	-54	44
45		-23	-24	-26	-27	-29	-31	-32	-34	-35	-37	-39	-40	-42	-43	-45	-47	-48	-50	-51	-53	-55	45
50		-23	-25	-26	-28	-30	-31	-33	-34	-36	-38	-39	-41	-43	-44	-46	-47	-49	-51	-52	-54	-55	50
55		-23	-25	-27	-28	-30	-32	-33	-35	-36	-38	-40	-41	-43	-44	-46	-48	-49	-51	-52	-54	-56	55
		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	

WIND CHILL INDEX

Air Temperature, Degrees Fahrenheit

		0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	
4	WIND SPEED, M.P.H.	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	4
5		-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	-22	-23	-24	-25	-26	5
6		-9	-10	-11	-12	-13	-14	-15	-16	-18	-19	-20	-21	-22	-23	-24	-25	-26	-27	-28	-30	-31	6
7		-12	-13	-15	-16	-17	-18	-19	-20	-21	-23	-24	-25	-26	-27	-28	-29	-31	-32	-33	-34	-35	7
8		-16	-17	-18	-19	-20	-21	-23	-24	-25	-26	-27	-28	-30	-31	-32	-33	-34	-35	-37	-38	-39	8
9		-18	-20	-21	-22	-23	-24	-26	-27	-28	-29	-30	-32	-33	-34	-35	-36	-38	-39	-40	-41	-43	9
10		-21	-22	-24	-25	-26	-27	-28	-30	-31	-32	-33	-35	-36	-37	-38	-40	-41	-42	-43	-44	-46	10
11		-24	-25	-26	-27	-29	-30	-31	-32	-34	-35	-36	-37	-39	-40	-41	-42	-44	-45	-46	-47	-49	11
12		-26	-27	-28	-30	-31	-32	-33	-35	-36	-37	-39	-40	-41	-42	-44	-45	-46	-48	-49	-50	-51	12
13		-28	-29	-30	-32	-33	-34	-36	-37	-38	-40	-41	-42	-43	-45	-46	-47	-49	-50	-51	-53	-54	13
14		-30	-31	-32	-34	-35	-36	-38	-39	-40	-42	-43	-44	-46	-47	-48	-50	-51	-52	-54	-55	-56	14
15		-32	-33	-34	-36	-37	-38	-40	-41	-42	-44	-45	-46	-48	-49	-50	-52	-53	-54	-56	-57	-58	15
16		-33	-35	-36	-37	-39	-40	-41	-43	-44	-45	-47	-48	-50	-51	-52	-54	-55	-56	-58	-59	-60	16
17		-35	-36	-38	-39	-40	-42	-43	-44	-46	-47	-49	-50	-51	-53	-54	-55	-57	-58	-60	-61	-62	17
18		-36	-38	-39	-40	-42	-43	-45	-46	-47	-49	-50	-52	-53	-54	-56	-57	-59	-60	-61	-63	-64	18
19		-38	-39	-40	-42	-43	-45	-46	-47	-49	-50	-52	-53	-55	-56	-57	-59	-60	-62	-63	-64	-66	19
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21		-40	-42	-43	-44	-46	-47	-49	-50	-52	-53	-54	-56	-57	-59	-60	-62	-63	-65	-66	-67	-69	21
22		-41	-43	-44	-46	-47	-48	-50	-51	-53	-54	-56	-57	-59	-60	-62	-63	-64	-66	-67	-69	-70	22
23		-42	-44	-45	-47	-48	-50	-51	-53	-54	-55	-57	-58	-60	-61	-63	-64	-66	-67	-69	-70	-72	23
24		-43	-45	-46	-48	-49	-51	-52	-54	-55	-57	-58	-60	-61	-62	-64	-65	-67	-68	-70	-71	-73	24
25		-44	-46	-47	-49	-50	-52	-53	-55	-56	-58	-59	-61	-62	-64	-65	-67	-68	-69	-71	-72	-74	25
26		-45	-47	-48	-50	-51	-53	-54	-56	-57	-59	-60	-62	-63	-65	-66	-68	-69	-71	-72	-74	-75	26
27		-46	-47	-49	-51	-52	-54	-55	-57	-58	-60	-61	-63	-64	-66	-67	-69	-70	-72	-73	-75	-76	27
28		-47	-48	-50	-51	-53	-54	-56	-57	-59	-60	-62	-63	-65	-66	-68	-69	-71	-72	-74	-76	-77	28
29		-48	-49	-51	-52	-54	-55	-57	-58	-60	-61	-63	-64	-66	-67	-69	-70	-72	-73	-75	-76	-78	29
30		-48	-50	-51	-53	-54	-56	-57	-59	-60	-62	-64	-65	-67	-68	-70	-71	-73	-74	-76	-77	-79	30
31		-49	-50	-52	-53	-55	-57	-58	-60	-61	-63	-64	-66	-67	-69	-70	-72	-73	-75	-77	-78	-80	31
32		-50	-51	-53	-54	-56	-57	-59	-60	-62	-63	-65	-66	-68	-70	-71	-73	-74	-76	-77	-79	-80	32
33		-50	-52	-53	-55	-56	-58	-59	-61	-62	-64	-66	-67	-69	-70	-72	-73	-75	-76	-78	-79	-81	33
34		-51	-52	-54	-55	-57	-58	-60	-61	-63	-65	-66	-68	-69	-71	-72	-74	-75	-77	-79	-80	-82	34
35		-51	-53	-54	-56	-57	-59	-60	-62	-64	-65	-67	-68	-70	-71	-73	-75	-76	-78	-79	-81	-82	35
36		-52	-53	-55	-56	-58	-59	-61	-63	-64	-66	-67	-69	-70	-72	-74	-75	-77	-78	-80	-81	-83	36
37		-52	-54	-55	-57	-58	-60	-61	-63	-65	-66	-68	-69	-71	-72	-74	-76	-77	-79	-80	-82	-83	37
38		-52	-54	-56	-57	-59	-60	-62	-63	-65	-67	-68	-70	-71	-73	-74	-76	-78	-79	-81	-82	-84	38
39		-53	-54	-56	-58	-59	-61	-62	-64	-65	-67	-69	-70	-72	-73	-75	-77	-78	-80	-81	-83	-84	39
40		-53	-55	-56	-58	-60	-61	-63	-64	-66	-67	-69	-71	-72	-74	-75	-77	-78	-80	-82	-83	-85	40
41		-54	-55	-57	-58	-60	-61	-63	-65	-66	-68	-69	-71	-73	-74	-76	-77	-79	-80	-82	-84	-85	41
42		-54	-55	-57	-59	-60	-62	-63	-65	-67	-68	-70	-71	-73	-74	-76	-78	-79	-81	-82	-84	-86	42
43		-54	-56	-57	-59	-60	-62	-64	-65	-67	-68	-70	-72	-73	-75	-76	-78	-80	-81	-83	-84	-86	43
44		-54	-56	-58	-59	-61	-62	-64	-65	-67	-69	-70	-72	-73	-75	-77	-78	-80	-81	-83	-85	-86	44
45		-55	-56	-58	-59	-61	-63	-64	-66	-67	-69	-71	-72	-74	-75	-77	-79	-80	-82	-83	-85	-86	45
50		-55	-57	-59	-60	-62	-63	-65	-67	-68	-70	-71	-73	-75	-76	-78	-79	-81	-83	-84	-86	-87	50
55		-56	-57	-59	-60	-62	-64	-65	-67	-69	-70	-72	-73	-75	-77	-78	-80	-81	-83	-85	-86	-88	55
		0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17	-18	-19	-20	

Air Temperature, Degrees Fahrenheit

		-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	
4	WIND SPEED, M.P.H.	-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	4
5		-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	-41	-43	-44	-45	-46	-47	5
6		-31	-32	-33	-34	-35	-36	-37	-38	-39	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-53	6
7		-35	-36	-37	-38	-40	-41	-42	-43	-44	-45	-46	-48	-49	-50	-51	-52	-53	-54	-55	-57	-58	7
8		-39	-40	-41	-42	-44	-45	-46	-47	-48	-49	-51	-52	-53	-54	-55	-57	-58	-59	-60	-61	-62	8
9		-43	-44	-45	-46	-47	-49	-50	-51	-52	-53	-55	-56	-57	-58	-59	-61	-62	-63	-64	-65	-67	9
10		-46	-47	-48	-49	-51	-52	-53	-54	-56	-57	-58	-59	-60	-62	-63	-64	-65	-67	-68	-69	-70	10
11		-49	-50	-51	-52	-54	-55	-56	-57	-59	-60	-61	-63	-64	-65	-66	-68	-69	-70	-71	-73	-74	11
12		-51	-53	-54	-55	-57	-58	-59	-60	-62	-63	-64	-66	-67	-68	-69	-71	-72	-73	-74	-76	-77	12
13		-54	-55	-57	-58	-59	-60	-62	-63	-64	-66	-67	-68	-70	-71	-72	-74	-75	-76	-77	-79	-80	13
14		-56	-58	-59	-60	-62	-63	-64	-66	-67	-68	-70	-71	-72	-74	-75	-76	-77	-79	-80	-81	-83	14
15		-58	-60	-61	-62	-64	-65	-67	-68	-69	-71	-72	-73	-75	-76	-77	-79	-80	-81	-83	-84	-85	15
16		-60	-62	-63	-65	-66	-67	-69	-70	-71	-73	-74	-75	-77	-78	-80	-81	-82	-84	-85	-86	-88	16
17		-62	-64	-65	-67	-68	-69	-71	-72	-73	-75	-76	-78	-79	-80	-82	-83	-84	-86	-87	-89	-90	17
18		-64	-66	-67	-68	-70	-71	-73	-74	-75	-77	-78	-80	-81	-82	-84	-85	-87	-88	-89	-91	-92	18
19		-66	-67	-69	-70	-71	-73	-74	-76	-77	-79	-80	-81	-83	-84	-86	-87	-88	-90	-91	-93	-94	19
20		-67	-69	-70	-72	-73	-75	-76	-77	-79	-80	-82	-83	-85	-86	-87	-89	-90	-92	-93	-94	-96	20
21		-69	-70	-72	-73	-75	-76	-78	-79	-80	-82	-83	-85	-86	-88	-89	-90	-92	-93	-95	-96	-98	21
22		-70	-72	-73	-75	-76	-78	-79	-80	-82	-83	-85	-86	-88	-89	-91	-92	-93	-95	-96	-98	-99	22
23		-72	-73	-74	-76	-77	-79	-80	-82	-83	-85	-86	-88	-89	-91	-92	-94	-95	-96	-98	-99	-101	23
24		-73	-74	-76	-77	-79	-80	-82	-83	-85	-86	-88	-89	-90	-92	-93	-95	-96	-98	-99	-101	-102	24
25		-74	-75	-77	-78	-80	-81	-83	-84	-86	-87	-89	-90	-92	-93	-95	-96	-98	-99	-101	-102	-104	25
26		-75	-77	-78	-80	-81	-83	-84	-85	-87	-88	-90	-91	-93	-94	-96	-97	-99	-100	-102	-103	-105	26
27		-76	-78	-79	-81	-82	-84	-85	-87	-88	-90	-91	-93	-94	-96	-97	-99	-100	-102	-103	-105	-106	27
28		-77	-79	-80	-82	-83	-85	-86	-88	-89	-91	-92	-94	-95	-97	-98	-100	-101	-103	-104	-106	-107	28
29		-78	-79	-81	-82	-84	-86	-87	-89	-90	-92	-93	-95	-96	-98	-99	-101	-102	-104	-105	-107	-108	29
30		-79	-80	-82	-83	-85	-86	-88	-89	-91	-93	-94	-96	-97	-99	-100	-102	-103	-105	-106	-108	-109	30
31		-80	-81	-83	-84	-86	-87	-89	-90	-92	-93	-95	-96	-98	-100	-101	-103	-104	-106	-107	-109	-110	31
32		-80	-82	-83	-85	-86	-88	-90	-91	-93	-94	-96	-97	-99	-100	-102	-103	-105	-107	-108	-110	-111	32
33		-81	-83	-84	-86	-87	-89	-90	-92	-93	-95	-97	-98	-100	-101	-103	-104	-106	-107	-109	-110	-112	33
34		-82	-83	-85	-86	-88	-89	-91	-93	-94	-96	-97	-99	-100	-102	-103	-105	-107	-108	-110	-111	-113	34
35		-82	-84	-85	-87	-89	-90	-92	-93	-95	-96	-98	-99	-101	-103	-104	-106	-107	-109	-110	-112	-114	35
36		-83	-84	-86	-88	-89	-91	-92	-94	-95	-97	-99	-100	-102	-103	-105	-106	-108	-109	-111	-113	-114	36
37		-83	-85	-87	-88	-90	-91	-93	-94	-96	-98	-99	-101	-102	-104	-105	-107	-109	-110	-112	-113	-115	37
38		-84	-86	-87	-89	-90	-92	-93	-95	-97	-98	-100	-101	-103	-104	-106	-108	-109	-111	-112	-114	-115	38
39		-84	-86	-88	-89	-91	-92	-94	-95	-97	-99	-100	-102	-103	-105	-106	-108	-110	-111	-113	-114	-116	39
40		-85	-86	-88	-90	-91	-93	-94	-96	-97	-99	-101	-102	-104	-105	-107	-109	-110	-112	-113	-115	-116	40
41		-85	-87	-88	-90	-92	-93	-95	-96	-98	-99	-101	-103	-104	-106	-107	-109	-111	-112	-114	-115	-117	41
42		-86	-87	-89	-90	-92	-94	-95	-97	-98	-100	-101	-103	-105	-106	-108	-109	-111	-113	-114	-116	-117	42
43		-86	-88	-89	-91	-92	-94	-95	-97	-99	-100	-102	-103	-105	-107	-108	-110	-111	-113	-115	-116	-118	43
44		-86	-88	-89	-91	-93	-94	-96	-97	-99	-101	-102	-104	-105	-107	-109	-110	-112	-113	-115	-117	-118	44
45		-86	-88	-90	-91	-93	-94	-96	-98	-99	-101	-102	-104	-106	-107	-109	-110	-112	-114	-115	-117	-118	45
50		-87	-89	-91	-92	-94	-95	-97	-99	-100	-102	-104	-105	-107	-108	-110	-112	-113	-115	-116	-118	-120	50
55		-88	-89	-91	-93	-94	-96	-97	-99	-101	-102	-104	-106	-107	-109	-110	-112	-114	-115	-117	-118	-120	55
		-20	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30	-31	-32	-33	-34	-35	-36	-37	-38	-39	-40	

Air Temperature, Degrees Fahrenheit

		-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	
4	WIND SPEED, M.P.H.	-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	4
5		-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	-61	-63	-64	-65	-66	-67	-68	5
6		-53	-54	-55	-56	-57	-58	-59	-60	-61	-62	-64	-65	-66	-67	-68	-69	-70	-71	-72	-73	-75	6
7		-58	-59	-60	-61	-62	-63	-65	-66	-67	-68	-69	-70	-71	-73	-74	-75	-76	-77	-78	-79	-80	7
8		-62	-64	-65	-66	-67	-68	-69	-71	-72	-73	-74	-75	-76	-78	-79	-80	-81	-82	-83	-85	-86	8
9		-67	-68	-69	-70	-71	-73	-74	-75	-76	-77	-79	-80	-81	-82	-83	-85	-86	-87	-88	-89	-91	9
10		-70	-72	-73	-74	-75	-77	-78	-79	-80	-81	-83	-84	-85	-86	-88	-89	-90	-91	-93	-94	-95	10
11		-74	-75	-76	-78	-79	-80	-81	-83	-84	-85	-86	-88	-89	-90	-91	-93	-94	-95	-96	-98	-99	11
12		-77	-78	-80	-81	-82	-83	-85	-86	-87	-89	-90	-91	-92	-94	-95	-96	-98	-99	-100	-101	-103	12
13		-80	-81	-83	-84	-85	-87	-88	-89	-90	-92	-93	-94	-96	-97	-98	-100	-101	-102	-104	-105	-106	13
14		-83	-84	-85	-87	-88	-89	-91	-92	-93	-95	-96	-97	-99	-100	-101	-103	-104	-105	-107	-108	-109	14
15		-85	-87	-88	-89	-91	-92	-93	-95	-96	-97	-99	-100	-101	-103	-104	-106	-107	-108	-110	-111	-112	15
16		-88	-89	-90	-92	-93	-95	-96	-97	-99	-100	-101	-103	-104	-105	-107	-108	-110	-111	-112	-114	-115	16
17		-90	-91	-93	-94	-96	-97	-98	-100	-101	-102	-104	-105	-107	-108	-109	-111	-112	-113	-115	-116	-118	17
18		-92	-93	-95	-96	-98	-99	-100	-102	-103	-105	-106	-107	-109	-110	-112	-113	-114	-116	-117	-119	-120	18
19		-94	-95	-97	-98	-100	-101	-103	-104	-105	-107	-108	-110	-111	-112	-114	-115	-117	-118	-119	-121	-122	19
20		-96	-97	-99	-100	-102	-103	-104	-106	-107	-109	-110	-112	-113	-114	-116	-117	-119	-120	-122	-123	-124	20
21		-98	-99	-101	-102	-103	-105	-106	-108	-109	-111	-112	-113	-115	-116	-118	-119	-121	-122	-124	-125	-126	21
22		-99	-101	-102	-104	-105	-107	-108	-109	-111	-112	-114	-115	-117	-118	-120	-121	-123	-124	-125	-127	-128	22
23		-101	-102	-104	-105	-107	-108	-110	-111	-113	-114	-115	-117	-118	-120	-121	-123	-124	-126	-127	-129	-130	23
24		-102	-104	-105	-107	-108	-110	-111	-113	-114	-116	-117	-118	-120	-121	-123	-124	-126	-127	-129	-130	-132	24
25		-104	-105	-107	-108	-110	-111	-113	-114	-116	-117	-118	-120	-121	-123	-124	-126	-127	-129	-130	-132	-133	25
26		-105	-106	-108	-109	-111	-112	-114	-115	-117	-118	-120	-121	-123	-124	-126	-127	-129	-130	-132	-133	-135	26
27		-106	-108	-109	-111	-112	-114	-115	-117	-118	-120	-121	-123	-124	-126	-127	-129	-130	-132	-133	-135	-136	27
28		-107	-109	-110	-112	-113	-115	-116	-118	-119	-121	-122	-124	-125	-127	-128	-130	-131	-133	-134	-136	-137	28
29		-108	-110	-111	-113	-114	-116	-117	-119	-120	-122	-124	-125	-127	-128	-130	-131	-133	-134	-136	-137	-139	29
30		-109	-111	-112	-114	-115	-117	-118	-120	-122	-123	-125	-126	-128	-129	-131	-132	-134	-135	-137	-138	-140	30
31		-110	-112	-113	-115	-116	-118	-119	-121	-123	-124	-126	-127	-129	-130	-132	-133	-135	-136	-138	-139	-141	31
32		-111	-113	-114	-116	-117	-119	-120	-122	-123	-125	-127	-128	-130	-131	-133	-134	-136	-137	-139	-140	-142	32
33		-112	-114	-115	-117	-118	-120	-121	-123	-124	-126	-127	-129	-131	-132	-134	-135	-137	-138	-140	-141	-143	33
34		-113	-114	-116	-117	-119	-121	-122	-124	-125	-127	-128	-130	-131	-133	-135	-136	-138	-139	-141	-142	-144	34
35		-114	-115	-117	-118	-120	-121	-123	-124	-126	-128	-129	-131	-132	-134	-135	-137	-138	-140	-142	-143	-145	35
36		-114	-116	-117	-119	-120	-122	-124	-125	-127	-128	-130	-131	-133	-135	-136	-138	-139	-141	-142	-144	-145	36
37		-115	-116	-118	-120	-121	-123	-124	-126	-127	-129	-131	-132	-134	-135	-137	-138	-140	-141	-143	-145	-146	37
38		-115	-117	-119	-120	-122	-123	-125	-126	-128	-130	-131	-133	-134	-136	-137	-139	-141	-142	-144	-145	-147	38
39		-116	-118	-119	-121	-122	-124	-125	-127	-129	-130	-132	-133	-135	-136	-138	-140	-141	-143	-144	-146	-148	39
40		-116	-118	-120	-121	-123	-124	-126	-128	-129	-131	-132	-134	-135	-137	-139	-140	-142	-143	-145	-147	-148	40
41		-117	-119	-120	-122	-123	-125	-126	-128	-130	-131	-133	-134	-136	-138	-139	-141	-142	-144	-145	-147	-149	41
42		-117	-119	-121	-122	-124	-125	-127	-128	-130	-132	-133	-135	-136	-138	-140	-141	-143	-144	-146	-148	-149	42
43		-118	-119	-121	-123	-124	-126	-127	-129	-130	-132	-134	-135	-137	-138	-140	-142	-143	-145	-146	-148	-150	43
44		-118	-120	-121	-123	-124	-126	-128	-129	-131	-132	-134	-136	-137	-139	-140	-142	-144	-145	-147	-148	-150	44
45		-118	-120	-122	-123	-125	-126	-128	-130	-131	-133	-134	-136	-138	-139	-141	-142	-144	-146	-147	-149	-150	45
50		-120	-121	-123	-124	-126	-128	-129	-131	-132	-134	-136	-137	-139	-140	-142	-144	-145	-147	-148	-150	-152	50
55		-120	-122	-123	-125	-126	-128	-130	-131	-133	-134	-136	-138	-139	-141	-143	-144	-146	-147	-149	-151	-152	55
		-40	-41	-42	-43	-44	-45	-46	-47	-48	-49	-50	-51	-52	-53	-54	-55	-56	-57	-58	-59	-60	