

Understand the Weather



Wind-Chill

- 30° is *chilly* and generally uncomfortable
- 15° to 30° is *cold*
- 0° to 15° is *very cold*
- -20° to 0° is *bitter cold* with significant risk of *frostbite*
- -20° to -60° is *extreme cold* and *frostbite* is likely
- -60° is *frigid* and exposed *skin will freeze* in 1 minute

Heat Index



- 80° or below is considered *comfortable*
- 90° beginning to feel *uncomfortable*
- 100° *uncomfortable* and may be *hazardous*
- 110° considered *dangerous*

All temperatures are in degrees Fahrenheit

Child Care Weather Watch

Wind-Chill Factor Chart (in Fahrenheit)

Air Temperature		Wind Speed in mph												
		Calm	5	10	15	20	25	30	35	40				
40	40	36	34	32	30	29	28	28	27					
30	30	26	21	19	17	16	15	14	13					
20	20	13	9	6	4	3	1	0	-1					
10	10	1	-4	-7	-9	-11	-12	-14	-15					
0	0	-11	-16	-19	-22	-24	-26	-27	-29					
-10	-10	-22	-28	-32	-35	-37	-39	-41	-43					

Comfortable for outdoor play

Caution

Danger

Heat Index Chart (in Fahrenheit %)

Air Temperature (F)	Relative Humidity (Percent)									
	40	45	50	55	60	65	70	75	80	85
80	80	80	81	81	82	82	83	84	84	85
84	83	84	85	86	88	89	90	92	94	96
90	91	93	95	97	100	103	105	109	113	117
94	97	100	103	106	110	114	119	124	129	135
100	109	114	118	124	129	130				
104	119	124	131	137						