Child Care Weather Watch

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***
- -60° to -20° 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

Wind-Chill Factor Chart (in Fahrenheit)

Wind Speed in mph

Air Temperature	Calm	5	10	15	20	25	30	35	40
40	40	36	34	32	30	29	28	28	27
30	30	25	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
-20	-20	-34	-41	-45	-48	-51	-53	-55	-57
-30	-30	-46	-53	-58	-61	-64	-67	-69	-71

Comfortable for out door play

Caution

Danger

Heat Index Chart (in Fahrenheit %)

Relative Humidity (Percent)

	40	45	50	55	60	65	70	75	80	85	90	95	100
80	80	80	81	81	82	82	83	84	84	85	86	86	87
84	83	84	85	86	88	89	90	92	94	96	98	100	103
90	91	93	95	97	100	103	106	109	113	117	122	127	132
94	97	100	102	106	110	114	119	124	129	135			
100	109	114	118	124	129	136							
104	119	124	131	137									
110	136												