

## Understand the Weather

### Wind-Chill



- 30° is *chilly* and generally uncomfortable
- 15° to 30° is *cold*
- 0° to 15° is *very cold*
- 32° 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)

		Wind Speed in mph								
		Calm	5	10	15	20	25	30	35	40
Air Temperature	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
Temperature (F)	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												