

## 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)

		Wind Speed in mph								
		CALM	5	10	15	20	25	30	35	40
Air Temperature	50	50	48	40	36	32	30	28	27	26
	40	40	37	28	22	18	16	13	11	10
	30	30	27	16	9	4	0	-2	-4	-6
	20	20	16	4	-5	-10	-15	-18	-20	-21
	10	10	6	-9	-18	-25	-29	-33	-35	-37
	0	0	-5	-21	-36	-39	-44	-48	-49	-53
	-10	-10	-15	-33	-45	-53	-59	-63	-67	-69
	-20	-20	-26	-46	-58	-67	-74	-79	-82	-85
	-30	-30	-36	-58	-72	-82	-87	-94	-98	-102



Comfortable for out door play



Caution



Danger

## Heat Index Chart (in Fahrenheit)

		Relative Humidity (Percent)															
		15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
Temperature (°F)	110	108	112	117	123	130	137	143	150								
	105	102	105	109	113	118	123	129	135	142	149						
	100	97	99	101	104	107	110	115	120	126	132	138	144				
	95	91	93	94	96	98	101	104	107	110	114	119	124	130	136		
	90	86	87	88	90	91	93	95	96	98	100	102	106	109	113	117	122
	85	81	82	83	84	85	86	87	88	89	90	91	93	95	97	99	102
	80	76	77	77	78	79	79	80	81	81	82	83	85	86	86	87	88
	75	71	72	72	73	73	74	74	75	75	76	76	77	77	78	78	79