# 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 | 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 %)

| Temperature (F) | 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 | | | | | | | | | | | | |