# DECEMBER 2007
# LOCAL CLIMATOLOGICAL DATA
## TSWO, Thompson's Stn. Weather Observatory

**SPRING HILL, TN**
**THOMPSON'S STN OBSERVATORY (THOT)**
**Lat:35º 46'N Long:86º 55'W Elev (Ground) 748 Feet**
**Time Zone: CENTRAL WBAN: - ISSN#: -**

| Date | Temperature ºF MAXIMUM | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE DEW PT | AVERAGE WET BULB | Deg Days BASE 65º HEATING | COOLING | WEATHER | SNOW/ICE ON GND(IN) 0600 LST DEPTH | 1200 LST WATER-EQUIV | PRECIPITATON ON GND (IN) 2400 LST SNOW-FALL | 2400 LST WATER EQUIV | PRESSURE (INCHES OF HG) AVERAGE STATION | AVERAGE SEA LEVEL | WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT SPEED | RES DIR | AVERAGE SPEED | MAXIMUM PEAK SPEED | PEAK DIR | 2-MIN SPEED | 2-MIN DIR | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 01 | 66 | 36 | 51 | 7 | | | 14 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 01 |
| 02 | 65 | 44 | 55 | 11 | | | 10 | 0 | RA SHRA BR | 0 | | 0.0 | 0.35 | | | | | | | | | | 02 |
| 03 | 44 | 25 | 35 | -9 | | | 30 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 03 |
| 04 | 54 | 21 | 38 | -6 | | | 27 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 04 |
| 05 | 59 | 28 | 44 | 1 | | | 21 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 05 |
| 06 | 43 | 25 | 34 | -9 | | | 31 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 06 |
| 07 | 51 | 38 | 45 | 2 | | | 20 | 0 | RA BR HZ | 0 | | 0.0 | 0.03 | | | | | | | | | | 07 |
| 08 | 66 | 51 | 59 | 17 | | | 6 | 0 | RA DZ FG+ FG BR | 0 | | 0.0 | 0.27 | | | | | | | | | | 08 |
| 09 | 74 | 55 | 65 * | 23 | | | 0 | 0 | FG BR | 0 | | 0.0 | 0.00 | | | | | | | | | | 09 |
| 10 | 67 | 53 | 60 | 18 | | | 5 | 0 | RA BR HZ | 0 | | 0.0 | T | | | | | | | | | | 10 |
| 11 | 77 * | 48 | 63 | 21 | | | 2 | 0 | MIFG | 0 | | 0.0 | 0.00 | | | | | | | | | | 11 |
| 12 | 64 | 51 | 58 | 17 | | | 7 | 0 | RA SHRA MIFG BR | 0 | | 0.0 | 0.84 | | | | | | | | | | 12 |
| 13 | 65 | 40 | 53 | 12 | | | 12 | 0 | RA SHRA MIFG BR | 0 | | 0.0 | 0.46 | | | | | | | | | | 13 |
| 14 | 40 | 34 | 37 | -4 | | | 28 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 14 |
| 15 | 48 | 35 | 42 | 1 | | | 23 | 0 | RA SHRA BR HZ | 0 | | 0.0 | 0.31 | | | | | | | | | | 15 |
| 16 | 39 | 17 | 28 * | -12 | | | 37 | 0 | SN HZ | 0 | | T | T | | | | | | | | | | 16 |
| 17 | 46 | 12 * | 29 | -11 | | | 36 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 17 |
| 18 | 50 | 22 | 36 | -4 | | | 29 | 0 | RA | 0 | | 0.0 | 0.01 | | | | | | | | | | 18 |
| 19 | 56 | 33 | 45 | 5 | | | 20 | 0 | MIFG BR | 0 | | 0.0 | 0.00 | | | | | | | | | | 19 |
| 20 | 51 | 35 | 43 | 4 | | | 22 | 0 | TS RA SHRA MIFG BR | 0 | | 0.0 | 1.54 | | | | | | | | | | 20 |
| 21 | 63 | 43 | 53 | 14 | | | 12 | 0 | MIFG BR | 0 | | 0.0 | 0.00 | | | | | | | | | | 21 |
| 22 | 57 | 43 | 50 | 11 | | | 15 | 0 | RA SHRA BR | 0 | | 0.0 | 0.17 | | | | | | | | | | 22 |
| 23 | 51 | 27 | 39 | 0 | | | 26 | 0 | RA BR | 0 | | 0.0 | 0.09 | | | | | | | | | | 23 |
| 24 | 47 | 21 | 34 | -5 | | | 31 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 24 |
| 25 | 48 | 21 | 35 | -4 | | | 30 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 25 |
| 26 | 55 | 27 | 41 | 3 | | | 24 | 0 | RA BR | 0 | | 0.0 | 0.09 | | | | | | | | | | 26 |
| 27 | 45 | 38 | 42 | 4 | | | 23 | 0 | RA | 0 | | 0.0 | 0.02 | | | | | | | | | | 27 |
| 28 | 52 | 35 | 44 | 6 | | | 21 | 0 | TS RA DZ SHRA BR | 0 | | 0.0 | 0.92 | | | | | | | | | | 28 |
| 29 | 51 | 31 | 41 | 3 | | | 24 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 29 |
| 30 | 52 | 26 | 39 | 1 | | | 26 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 30 |
| 31 | 57 | 22 | 40 | 1 | | | 25 | 0 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 31 |
| | 54.9 | 33.5 | 44.2 | ¤ | | | 20.5 | 0.0 | < MONTHLY AVERAGES \| TOTALS -> | | | T | 5.10 | | | | | | <- MONTHLY AVERAGES | | | | |
| | 3.4 | 3.8 | 3.6 | | <---------- DEPARTURE FROM NORMAL ----------> | | | | | | | | -.90 | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | | |

**DEGREE DAYS**

| | MONTHLY TOTAL | MONTHLY DEPARTURE | SEASON TO DATE TOTAL | SEASON TO DATE DEPARTURE |
|---|---|---|---|---|
| HEATING : | 637 | -119 | 1315 | -171 |
| COOLING: | 0 | 0 | 1934 | 451 |

| | | | |
|---|---|---|---|
| GREATEST 24-HR. PRECIPITATION: | 1.54 | DATE: | 20-20 |
| GREATEST 24-HR. SNOWFALL: | T | DATE: | 16 |
| GREATEST SNOW DEPTH: | 0 | DATE: | |

| SEA LEVEL PRESSURE | DATE | TIME |
|---|---|---|
| MAXIMUM : | | |
| MINIMUM : | | |

| NUMBER OF DAYS WITH -> | | | | | |
|---|---|---|---|---|---|
| MAXIMUM TEMP>=90: | 0 | MINIMUM TEMP<=32 : | 14 | PRECIPITATION >= 0.01 INCH | 13 |
| MAXIMUM TEMP<=32: | 0 | MINIMUM TEMP<=0 : | 0 | PRECIPITATION >= 0.10 INCH | 8 |
| THUNDERSTORMS : | 2 | HEAVY FOG : | 1 | SNOWFALL>=1.0 INCH | 0 |

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