# JANUARY 2009
# 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 65 º HEATING | COOLING | WEATHER | SNOW/ICE ON GND (IN) 0600 LST DEPTH | 1200 LST WATER EQUIV | PRECIPITATON (INCHES) 2400 LST SNOW-FALL | 2400 LST WATER EQUIV | PRESSURE (IN OF HG) AVERAGE STATION | AVERAGE SEA LEVEL | WIND SPEED = MPH DIR = TENS OF RESULTANT SPEED | RES DIR | AVERAGE SPEED | MAXIMUM PEAK SPEED | DIR | 2-MIN SPEED | 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 | 52 | 17 | 35 | -2 | | | 30 | 0 | | 0 | | 0.0 | 0.00 | 29.27 | 30.09 | | | | | | | | 01 |
| 02 | 60 | 41 | 51 | 14 | | | 14 | 0 | RA FG+ BR | 0 | | 0.0 | 0.01 | 29.15 | 29.97 | | | | | | | | 02 |
| 03 | 62 * | 42 | 52 * | 15 | | | 13 | 0 | RA DZ BR | 0 | | 0.0 | 0.05 | 29.11 | 29.93 | | | | | | | | 03 |
| 04 | 61 | 38 | 50 | 13 | | | 15 | 0 | RA SHRA DZ BR | 0 | | 0.0 | 0.19 | 29.25 | 30.07 | | | | | | | | 04 |
| 05 | 39 | 31 | 35 | -2 | | | 30 | 0 | RA DZ BR | 0 | | 0.0 | 0.55 | 29.25 | 30.07 | | | | | | | | 05 |
| 06 | 47 | 39 | 43 | 6 | | | 22 | 0 | RA BR | 0 | | 0.0 | 0.94 | 28.80 | 29.61 | | | | | | | | 06 |
| 07 | 47 | 35 | 41 | 4 | | | 24 | 0 | RA RASN | 0 | | T | 0.07 | 28.64 | 29.44 | | | | | | | | 07 |
| 08 | 43 | 23 | 33 | -4 | | | 32 | 0 | | 0 | | 0.0 | 0.00 | 29.11 | 29.93 | | | | | | | | 08 |
| 09 | 59 | 21 | 40 | 3 | | | 25 | 0 | | 0 | | 0.0 | 0.00 | 29.26 | 30.08 | | | | | | | | 09 |
| 10 | 60 | 33 | 47 | 10 | | | 18 | 0 | RA DZ SHRA BR | 0 | | 0.0 | 0.57 | 29.16 | 29.98 | | | | | | | | 10 |
| 11 | 37 | 22 | 30 | -7 | | | 35 | 0 | SN | 0 | | T | T | 29.36 | 30.19 | | | | | | | | 11 |
| 12 | 45 | 20 | 33 | -4 | | | 32 | 0 | | 0 | | 0.0 | 0.00 | 29.36 | 30.18 | | | | | | | | 12 |
| 13 | 42 | 17 | 30 | -6 | | | 35 | 0 | SN | 0 | | T | T | 29.32 | 30.14 | | | | | | | | 13 |
| 14 | 48 | 15 | 32 | -4 | | | 33 | 0 | | 0 | | 0.0 | 0.00 | 29.36 | 30.19 | | | | | | | | 14 |
| 15 | 23 | 8 | 16 | -20 | | | 49 | 0 | SN | 0 | | T | T | 29.77 | 30.60 | | | | | | | | 15 |
| 16 | 21 | 3 * | 12 * | -24 | | | 53 | 0 | SN | 0 | | T | T | 29.84 | 30.68 | | | | | | | | 16 |
| 17 | 38 | 14 | 26 | -10 | | | 39 | 0 | RA | 0 | | 0.0 | T | 29.41 | 30.24 | | | | | | | | 17 |
| 18 | 50 | 25 | 38 | 1 | | | 27 | 0 | | 0 | | 0.0 | 0.00 | 29.20 | 30.02 | | | | | | | | 18 |
| 19 | 34 | 21 | 28 | -9 | | | 37 | 0 | SN SHSN BR | 0 | | T | T | 28.97 | 29.78 | | | | | | | | 19 |
| 20 | 28 | 16 | 22 | -15 | | | 43 | 0 | SN | 0 | | T | T | 29.25 | 30.07 | | | | | | | | 20 |
| 21 | 40 | 9 | 25 | -12 | | | 40 | 0 | | 0 | | 0.0 | 0.00 | 29.36 | 30.19 | | | | | | | | 21 |
| 22 | 58 | 17 | 38 | 1 | | | 27 | 0 | | 0 | | 0.0 | 0.00 | 29.27 | 30.10 | | | | | | | | 22 |
| 23 | 58 | 28 | 43 | 6 | | | 22 | 0 | | 0 | | 0.0 | 0.00 | 29.22 | 30.03 | | | | | | | | 23 |
| 24 | 44 | 23 | 34 | -3 | | | 31 | 0 | HZ | 0 | | 0.0 | 0.00 | 29.47 | 30.30 | | | | | | | | 24 |
| 25 | 36 | 18 | 27 | -10 | | | 38 | 0 | SN GS | 0 | | T | T | 29.45 | 30.27 | | | | | | | | 25 |
| 26 | 41 | 28 | 35 | -2 | | | 30 | 0 | RA PL | 0 | | T | 0.02 | 29.48 | 30.31 | | | | | | | | 26 |
| 27 | 43 | 31 | 37 | 0 | | | 28 | 0 | RA DZ SHRA FG+ BR | 0 | | 0.0 | 0.85 | 29.25 | 30.07 | | | | | | | | 27 |
| 28 | 41 | 28 | 35 | -2 | | | 30 | 0 | RA SN PL PLSN BR | 0 | | T | 0.62 | 29.19 | 30.01 | | | | | | | | 28 |
| 29 | 35 | 27 | 31 | -6 | | | 34 | 0 | | 0 | | 0.0 | 0.00 | 29.32 | 30.14 | | | | | | | | 29 |
| 30 | 40 | 27 | 34 | -3 | | | 31 | 0 | | 0 | | 0.0 | 0.00 | 29.37 | 30.20 | | | | | | | | 30 |
| 31 | 49 | 24 | 37 | 0 | | | 28 | 0 | | 0 | | 0.0 | 0.00 | 29.35 | 30.17 | | | | | | | | 31 |
| | 44.5 | 23.9 | 34.2 | ¤ | | | 30.5 | 0.0 | < MONTHLY AVERAGES \| TOTALS -> | | | T | 3.87 | 29.28 | 30.10 | | | | <- MONTHLY AVERAGES | | | | |
| | -2.9 | -2.5 | -2.7 | | <---------- DEPARTURE FROM NORMAL ----------> | | | | | | | | -0.99 | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | | |

## DEGREE DAYS

| | MONTHLY TOTAL | MONTHLY DEPARTURE | SEASON TO DATE TOTAL | SEASON TO DATE DEPARTURE |
|---|---|---|---|---|
| HEATING : | 945 | 74 | 2581 | 224 |
| COOLING: | 0 | 0 | 0 | 0 |

GREATEST 24-HR. PRECIPITATION: DATE:
GREATEST 24-HR. SNOWFALL: T DATE: 28+
GREATEST SNOW DEPTH: 0 DATE:

| | SEA LEVEL PRESSURE | DATE | TIME |
|---|---|---|---|
| MAXIMUM : | 30.78 | 16 | 0900 |
| MINIMUM : | 29.45 | 07 | 0240 |

NUMBER OF -> DAYS WITH

| | | | |
|---|---|---|---|
| MAXIMUM TEMP>=90: | 0 | MINIMUM TEMP<=32: | 25 |
| MAXIMUM TEMP<=32: | 3 | MINIMUM TEMP<=0 : | 0 |
| THUNDERSTORMS : | 0 | HEAVY FOG : | 2 |

| | |
|---|---|
| PRECIPITATION >= 0.01 INCH : | 10 |
| PRECIPITATION >= 0.10 INCH : | 6 |
| SNOWFALL>=1.0 INCH | 0 |

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