# AUGUST 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 | | | | | | Deg Days BASE 65º | | WEATHER | SNOW/ICE ON GND(IN) | | PRECIPITATON ON GND (IN) | | PRESSURE (INCHES OF HG) | | WIND SPEED = MPH DIR = TENS OF DEGREES | | | | | | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 0600 LST | 1200 LST | 2400 LST | 2400 LST | | | | | | MAXIMUM PEAK | | 2-MIN | | |
| | MAXIMUM | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE DEW PT | AVERAGE WET BULB | HEATING | COOLING | | DEPTH | WATER-EQUIV | SNOW-FALL | WATER EQUIV | AVERAGE STATION | AVERAGE SEA LEVEL | RESULTANT SPEED | RES DIR | AVERAGE SPEED | SPEED | DIR | SPEED | DIR | |
| 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 | 96 | 69 | 83 | 4 | | | 0 | 18 | TS SHRA BR HZ | 0 | | 0.0 | 0.19 | | | | | | | | | | 01 |
| 02 | 96 | 68 | 82 | 3 | | | 0 | 17 | TS RA BR HZ | 0 | | 0.0 | T | | | | | | | | | | 02 |
| 03 | 97 | 69 | 83 | 4 | | | 0 | 18 | BR HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 03 |
| 04 | 98 | 69 | 84 | 5 | | | 0 | 19 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 04 |
| 05 | 100 | 70 | 85 | 6 | | | 0 | 20 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 05 |
| 06 | 98 | 71 | 85 | 7 | | | 0 | 20 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 06 |
| 07 | 102 | 71 | 87 | 9 | | | 0 | 22 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 07 |
| 08 | 101 | 70 | 86 | 8 | | | 0 | 21 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 08 |
| 09 | 104 | 72 | 88 | 10 | | | 0 | 23 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 09 |
| 10 | 100 | 73 | 87 | 9 | | | 0 | 22 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 10 |
| 11 | 100 | 72 | 86 | 8 | | | 0 | 21 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 11 |
| 12 | 101 | 69 | 85 | 7 | | | 0 | 20 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 12 |
| 13 | 102 | 63 * | 83 | 5 | | | 0 | 18 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 13 |
| 14 | 101 | 67 | 84 | 6 | | | 0 | 19 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 14 |
| 15 | 107 * | 69 | 88 | 11 | | | 0 | 23 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 15 |
| 16 | 106 | 68 | 87 | 10 | | | 0 | 22 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 16 |
| 17 | 100 | 73 | 87 | 10 | | | 0 | 22 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 17 |
| 18 | 102 | 73 | 88 * | 11 | | | 0 | 23 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 18 |
| 19 | 100 | 69 | 85 | 8 | | | 0 | 20 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 19 |
| 20 | 97 | 69 | 83 | 6 | | | 0 | 18 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 20 |
| 21 | 101 | 71 | 86 | 9 | | | 0 | 21 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 21 |
| 22 | 104 | 69 | 87 | 10 | | | 0 | 22 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 22 |
| 23 | 105 | 68 | 87 | 11 | | | 0 | 22 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 23 |
| 24 | 104 | 70 | 87 | 11 | | | 0 | 22 | TS RA SHRA BR | 0 | | 0.0 | 1.75 | | | | | | | | | | 24 |
| 25 | 97 | 70 | 84 | 8 | | | 0 | 19 | TS RA SHRA BR | 0 | | 0.0 | 0.04 | | | | | | | | | | 25 |
| 26 | 95 | 70 | 83 | 7 | | | 0 | 18 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 26 |
| 27 | 99 | 71 | 85 | 9 | | | 0 | 20 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 27 |
| 28 | 97 | 70 | 84 | 9 | | | 0 | 19 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 28 |
| 29 | 91 | 73 | 82 | 7 | | | 0 | 17 | RA SHRA BR | 0 | | 0.0 | 0.03 | | | | | | | | | | 29 |
| 30 | 90 | 70 | 80 | 5 | | | 0 | 15 | RA BR HZ | 0 | | 0.0 | 0.06 | | | | | | | | | | 30 |
| 31 | 90 | 70 | 80 * | 5 | | | 0 | 15 | HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 31 |
| | 99.4 | 69.9 | 84.6 | | | | 0.0 | 19.9 | < MONTHLY AVERAGES \| TOTALS -> | | | 0.0 | 2.07 | | | | | | <- MONTHLY AVERAGES | | | | |
| | 9.8 | 5.1 | 7.4 | ¤ | <---------- DEPARTURE FROM NORMAL ----------> | | | | | | | | -1.25 | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | | |

AUGUST 2007
SPRING HILL, TN

### DEGREE DAYS

| | MONTHLY TOTAL | MONTHLY DEPARTURE | SEASON TO DATE TOTAL | SEASON TO DATE DEPARTURE |
|---|---|---|---|---|
| HEATING : | 0 | -1 | 0 | -1 |
| COOLING: | 616 | 237 | 1573 | 325 |

GREATEST 24-HR. PRECIPITATION: 1.79 DATE: 24-25
GREATEST 24-HR. SNOWFALL: 0.0 DATE:
GREATEST SNOW DEPTH: 0 DATE:

SEA LEVEL PRESSURE DATE TIME
MAXIMUM :
MINIMUM :

| NUMBER OF -> DAYS WITH | | | | | |
|---|---|---|---|---|---|
| | MAXIMUM TEMP>=90: | 31 | MINIMUM TEMP<=32 : | 0 | PRECIPITATION >= 0.01 INCH 5 |
| | MAXIMUM TEMP<=32: | 0 | MINIMUM TEMP<=0 : | 0 | PRECIPITATION >= 0.10 INCH 2 |
| | THUNDERSTORMS : | 4 | HEAVY FOG : | 0 | SNOWFALL>=1.0 INCH 0 |