# JUNE 2005

# LOCAL CLIMATOLOGICAL DATA

TSWO, Thompsons Station Weather Observatory

# SPRING HILL, TN

WEATHER OBSERVATORY (THOT)

Lat: 35º 46' N Long: 86º 55' W Elev (Ground): 748 Feet

Time Zone: CENTRAL WBAN: ----- ISSN#: -

| DATE 1 | TEMPERATURE ºF MAXIMUM 2 | MINIMUM 3 | AVERAGE 4 | DEP FROM NORMAL 5 | AVERAGE DEW PT 6 | AVERAGE WET BULB 7 | DEG DAYS BASE 65 º HEATING 8 | COOLING 9 | WEATHER 10 | SNOW/ICE ON GND (IN) 0600 LST DEPTH 11 | 1200 LST WATER EQUIV 12 | PRECIPITATON (INCHES) 2400 LST SNOW-FALL 13 | 2400 LST WATER EQUIV 14 | PRESSURE (IN OF HG) AVERAGE STATION 15 | AVERAGE SEA LEVEL 16 | WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT SPEED 17 | RES DIR 18 | AVERAGE SPEED 19 | MAXIMUM PEAK SPEED 20 | PEAK DIR 21 | 1-MIN SPEED 22 | 1-MIN DIR 23 | DATE 24 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | 70 | 63 | 67 | -3 | | | 0 | 2 | RA SHRA BR HZ | 0 | | 0.0 | 0.80 | | | 2.5 | 11 | 3.2 | 15 | 12 | | | 01 |
| 02 | 74 | 62 | 68 | -2 | | | 0 | 3 | TS RA SHRA BR | 0 | | 0.0 | 0.62 | | | 1.2 | 11 | 2.8 | 11 | 18 | | | 02 |
| 03 | 82 | 61 | 72 | 1 | | | 0 | 7 | RA BR | 0 | | 0.0 | 0.07 | | | 1.3 | 21 | 1.6 | 15 | 30 | | | 03 |
| 04 | 90 | 59 | 75 | 4 | | | 0 | 10 | | 0 | | 0.0 | 0.00 | | | 1.1 | 22 | 1.9 | 12 | 25 | | | 04 |
| 05 | 91 | 65 | 78 | 7 | | | 0 | 13 | | 0 | | 0.0 | 0.00 | | | 1.8 | 26 | 2.3 | 15 | 24 | | | 05 |
| 06 | 88 | 63 | 76 | 5 | | | 0 | 11 | TS RA SHRA BR | 0 | | 0.0 | 0.74 | | | 0.5 | 33 | 2.0 | 27 | 28 | | | 06 |
| 07 | 86 | 61 | 74 | 2 | | | 0 | 9 | SHRA BR | 0 | | 0.0 | T | | | 0.7 | 22 | 1.5 | 8 | 21 | | | 07 |
| 08 | 89 | 64 | 77 | 5 | | | 0 | 12 | RA | 0 | | 0.0 | 0.04 | | | 1.1 | 23 | 1.8 | 27* | 01 | | | 08 |
| 09 | 88 | 65 | 77 | 5 | | | 0 | 12 | TS RA SHRA BR | 0 | | 0.0 | 0.12 | | | 1.0 | 24 | 1.6 | 14 | 27 | | | 09 |
| 10 | 89 | 67 | 78 | 6 | | | 0 | 13 | TS RA BR HZ | 0 | | 0.0 | 0.52 | | | 1.9 | 23 | 2.9 | 19 | 17 | | | 10 |
| 11 | 75 | 68 | 72 | 0 | | | 0 | 7 | RA SHRA BR | 0 | | 0.0 | 0.67 | | | 1.9 | 05 | 2.4 | 15 | 02 | | | 11 |
| 12 | 72 | 69 | 71 | -2 | | | 0 | 6 | RA DZ SHRA BR | 0 | | 0.0 | 0.96 | | | 2.7 | 26 | 3.6 | 17 | 23 | | | 12 |
| 13 | 91 | 68 | 80 | 7 | | | 0 | 15 | | 0 | | 0.0 | 0.00 | | | 2.1 | 23 | 2.3 | 13 | 22 | | | 13 |
| 14 | 91 | 66 | 79 | 6 | | | 0 | 14 | SHRA | 0 | | 0.0 | 0.07 | | | 1.8 | 27 | 3.3 | 25 | 30 | | | 14 |
| 15 | 86 | 61 | 74 | 1 | | | 0 | 9 | | 0 | | 0.0 | 0.00 | | | | | | 16 | | | | 15 |
| 16 | 81 | 57 | 69 | -4 | | | 0 | 4 | | 0 | | 0.0 | 0.00 | | | | | | | | | | 16 |
| 17 | 79 | 52 * | 66 * | -8 | | | 0 | 1 | | 0 | | 0.0 | 0.00 | | | 2.3 | 01 | 3.0 | 14 | 05 | | | 17 |
| 18 | 78 | 56 | 67 | -7 | | | 0 | 2 | | 0 | | 0.0 | 0.00 | | | 4.2 | 02 | 4.6 | 17 | 36 | | | 18 |
| 19 | 84 | 60 | 72 | -2 | | | 0 | 7 | | 0 | | 0.0 | 0.00 | | | 3.5 | 03 | 3.9 | 14 | 06 | | | 19 |
| 20 | 85 | 62 | 74 | 0 | | | 0 | 9 | HZ | 0 | | 0.0 | 0.00 | | | 2.1 | 05 | 2.3 | 15 | 01 | | | 20 |
| 21 | 85 | 59 | 72 | -2 | | | 0 | 7 | HZ | 0 | | 0.0 | 0.00 | | | 1.5 | 22 | 2.0 | 14 | 36 | | | 21 |
| 22 | 87 | 57 | 72 | -2 | | | 0 | 7 | BR HZ | 0 | | 0.0 | 0.00 | | | 1.1 | 28 | 1.8 | 10 | 35 | | | 22 |
| 23 | 91 | 63 | 77 | 3 | | | 0 | 12 | BR HZ | 0 | | 0.0 | 0.00 | | | 1.3 | 25 | 2.2 | 12 | 02 | | | 23 |
| 24 | 92 | 61 | 77 | 2 | | | 0 | 12 | TS SHRA BR HZ | 0 | | 0.0 | T | | | 1.5 | 24 | 1.9 | 13 | 34 | | | 24 |
| 25 | 91 | 64 | 78 | 3 | | | 0 | 13 | TS SHRA BR HZ | 0 | | 0.0 | T | | | 1.5 | 27 | 1.8 | 21 | 25 | | | 25 |
| 26 | 84 | 66 | 75 | 0 | | | 0 | 10 | SHRA BR HZ | 0 | | 0.0 | 0.15 | | | | | | | | | | 26 |
| 27 | 90 | 67 | 79 | 4 | | | 0 | 14 | TS RA BR HZ | 0 | | 0.0 | 0.15 | | | | | 1.9 | 22 | 18 | | | 27 |
| 28 | 89 | 66 | 78 | 3 | | | 0 | 13 | | 0 | | 0.0 | 0.00 | | | | | 2.2 | 12 | 36 | | | 28 |
| 29 | 92 | 66 | 79 | 4 | | | 0 | 14 | SHRA BR HZ | 0 | | 0.0 | 1.04 | | | | | | 17 | 21 | | | 29 |
| 30 | 93 * | 70 | 82 * | 7 | | | 0 | 17 | FG+ BR HZ | 0 | | 0.0 | 0.00 | | | | | | | | | | 30 |
| | 85.4 | 62.9 | 74.2 | | | | 0.0 | 9.5 | < MONTHLY AVERAGES | TOTALS -> | | 0.0 | 5.95 | | | | | 2.4 | <- MONTHLY AVERAGES | | | | |
| | -1.3 | .3 | -.5 | | <---------- | | | | DEPARTURE FROM NORMAL | | | | ----------> | 2.08 | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | | | | | | |

DEGREE DAYS

| | MONTHLY TOTAL | MONTHLY DEPARTURE | SEASON TO DATE TOTAL | SEASON TO DATE DEPARTURE |
|---|---|---|---|---|
| HEATING: | 0 | -3 | 3547 | -280 |
| COOLING: | 285 | -7 | 367 | -78 |

GREATEST 24-HR. PRECIPITATION: 1.56 DATE: 11-12
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: | 10 | MINIMUM TEMP ≤ 32 : | 0 |
| MAXIMUM TEMP ≤ 32: | 0 | MINIMUM TEMP ≤ 0 : | 0 |
| THUNDERSTORMS : | 7 | HEAVY FOG : | 1 |
| PRECIPITATION ≥ 0.01 INCH : | 13 | | |
| PRECIPITATION ≥ 0.10 INCH : | 10 | | |
| SNOWFALL ≥ 1.0 INCH : | 0 | | |

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