

APRIL 2006

LOCAL CLIMATOLOGICAL DATA
 TSWO, Thompson's Stn Weather Observatory

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

APRIL 2006
 SPRING HILL, TN

| Date | Temperature of F | | | | | Deg Days BASE 65° | WEATHER | SNOW/ICE ON GND (IN) | | | | | | PRECIPITATION (INCHES) | | | PRESSURE (IN OF HG) | | WIND | | | SPEED = MPH DIR = TENS OF | | | | | | | |
|-----------------------------------|------------------|---------|---------|-----------------|---------|----------------------|--------------------------|----------------------|---------|---------|-------|-----|------|------------------------|------|------------------------------|---------------------|-----------------|-------------------|-----------|---------|------------------------------|---------|-------|-------|-----|-------|--|--|
| | MAXIMUM | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE | | | WET BULB | HEATING | COOLING | DEPTH | LST | 0600 | 1200 | 2400 | LST | LST | AVERAGE STATION | AVERAGE SEA LEVEL | RES SPEED | RES DIR | AVERAGE SPEED | MAXIMUM | | 2-MIN | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | DIR | SPEED | | DIR | SPEED | | |
| 01 | 82 | 53 | 68 | 14 | | 3 | FG+ FG BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 26 | 19 | 18 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | | | | |
| 02 | 83 | 50 | 67 | 13 | | 2 | TS RA GR SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 34 * | | | | | | | | | | | | | |
| 03 | 68 | 44 | 56 | 9 | | 9 | TS RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33 | 29 | | | | | | | | | | | | | |
| 04 | 67 | 33 | 50 | 5 | | 15 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 36 | | | | | | | | | | | | | | |
| 05 | 73 | 32 | 53 | 4 | | 12 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 30 | | | | | | | | | | | | | | |
| 06 | 81 | 44 | 63 | 8 | | 2 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 21 | | | | | | | | | | | | | | |
| 07 | 73 | 56 | 65 | 9 | | 0 | TS GR RA SHRA MIFG BR HZ | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25 | 22 | | | | | | | | | | | | | | |
| 08 | 57 | 37 | 47 * | -9 | | 18 | RA DZ SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30 | 34 | | | | | | | | | | | | | | |
| 09 | 63 | 32 | 48 | -8 | | 17 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 04 | | | | | | | | | | | | | | |
| 10 | 74 | 32 * | 53 | -4 | | 12 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22 | 28 | | | | | | | | | | | | | | |
| 11 | 78 | 40 | 59 | 2 | | 6 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 19 | | | | | | | | | | | | | | |
| 12 | 83 | 53 | 68 | 11 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 25 | | | | | | | | | | | | | | |
| 13 | 86 | 49 | 68 | 11 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18 | 24 | | | | | | | | | | | | | | |
| 14 | 87 | 51 | 69 | 11 | | 4 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 | 24 | | | | | | | | | | | | | | |
| 15 | 82 | 62 | 72 | 14 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 31 | | | | | | | | | | | | | | |
| 16 | 81 | 63 | 72 | 14 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 20 | | | | | | | | | | | | | | |
| 17 | 85 | 59 | 72 | 14 | | 7 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 | 34 | | | | | | | | | | | | | | |
| 18 | 91 | 56 | 74 | 15 | | 9 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10 | 24 | | | | | | | | | | | | | | |
| 19 | 92 * | 60 | 76 * | 17 | | 11 | RA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13 | 29 | | | | | | | | | | | | | | |
| 20 | 77 | 61 | 69 | 10 | | 4 | TS SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 | 26 | | | | | | | | | | | | | | |
| 21 | 76 | 60 | 68 | 9 | | 3 | TS RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31 | 31 | | | | | | | | | | | | | | |
| 22 | 80 | 55 | 68 | 8 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 27 | | | | | | | | | | | | | | |
| 23 | 85 | 51 | 68 | 8 | | 3 | RA | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23 | 26 | | | | | | | | | | | | | | |
| 24 | 80 | 56 | 68 | 8 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 34 | | | | | | | | | | | | | | |
| 25 | 82 | 58 | 70 | 9 | | 5 | SHRA | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25 | 30 | | | | | | | | | | | | | | |
| 26 | 64 | 50 | 57 | -4 | | 8 | RA DZ BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 33 | | | | | | | | | | | | | | |
| 27 | 70 | 42 | 56 | -5 | | 9 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17 | 33 | | | | | | | | | | | | | | |
| 28 | 76 | 38 | 57 | -4 | | 8 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15 | 10 | | | | | | | | | | | | | | |
| 29 | 74 | 58 | 66 | 4 | | 1 | RA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27 | 19 | | | | | | | | | | | | | | |
| 30 | 63 | 47 | 55 | -7 | | 10 | RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28 | 18 | | | | | | | | | | | | | | |
| 77.1 | | 49.4 | 63.3 | | | 4.2 | | 2.6 | | | | | 0.0 | 7.00 | | | | | | | | | | | | | | | |
| 5.9 | | 4.6 | 5.3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <-----DEPARTURE FROM NORMAL-----> | | | | | | | | | | | | | | 2.30 | | 07-08 | | | | | | | | | | | | | |
| GREATEST 24-HR. PRECIPITATION: | | | | | | | | | | | | | | 2.59 | | DATE: 07-08 | | | | | | | | | | | | | |
| GREATEST 24-HR. SNOWFALL: | | | | | | | | | | | | | | 0.0 | | DATE: 07-08 | | | | | | | | | | | | | |
| GREATEST SNOW DEPTH: | | | | | | | | | | | | | | 0 | | DATE: 07-08 | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH | | | | | | | | | | | | | | -> | | MAXIMUM TEMP >=90: 2 | | | | | | | | | | | | | |
| HEATING: | | | | | | | | | | | | | | 126 | | MINIMUM TEMP <=32: 0 | | | | | | | | | | | | | |
| COOLING: | | | | | | | | | | | | | | 78 | | MINIMUM TEMP <=32: 0 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | -109 | | PRECIPITATION >=0.01 INCH 10 | | | | | | | | | | | | | |
| MONTHLY | | | | | | | | | | | | | | 88 | | PRECIPITATION >=0.10 INCH 8 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | 3595 | | SNOWFALL >=1.0 INCH 0 | | | | | | | | | | | | | |
| SEASON TO DATE | | | | | | | | | | | | | | 88 | | THUNDERSTORMS: 5 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | -149 | | HEAVY FOG: 1 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | 61 | | MAXIMUM : 3 | | | | | | | | | | | | | |
| MONTHLY | | | | | | | | | | | | | | 88 | | MINIMUM : 0 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | 78 | | PRECIPITATION >=0.01 INCH 10 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | -109 | | PRECIPITATION >=0.10 INCH 8 | | | | | | | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | | | | | 61 | | SNOWFALL >=1.0 INCH 0 | | | | | | | | | | | | | |

| Temperature of F | | Deg Days BASE 65° | | WEATHER | | SNOW/ICE ON GND (IN) | | | | | | PRECIPITATION (INCHES) | | | PRESSURE (IN OF HG) | | WIND | | | SPEED = MPH DIR = TENS OF | | | | | |
|------------------|---------|-------------------|-----------------|---------|----------|----------------------|--------------------------|-------|-------|------|-------|------------------------|-------|------|---------------------|-------------------|-----------|---------|---------------|------------------------------|-------|-------|-------|----|----|
| MAXIMUM | MINIMUM | AVERAGE | DEP FROM NORMAL | AVERAGE | WET BULB | HEATING | COOLING | DEPTH | LST | 0600 | 1200 | 2400 | LST | LST | AVERAGE STATION | AVERAGE SEA LEVEL | RES SPEED | RES DIR | AVERAGE SPEED | MAXIMUM | | 2-MIN | | | |
| DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | DIR | SPEED | | |
| 01 | 82 | 53 | 68 | 14 | | 3 | FG+ FG BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 26 | 19 | 18 | 17 | 19 | 20 | 21 | 22 | 23 | 24 |
| 02 | 83 | 50 | 67 | 13 | | 2 | TS RA GR SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 34 * | | | | | | | | | |
| 03 | 68 | 44 | 56 | 9 | | 9 | TS RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 33 | 29 | | | | | | | | | |
| 04 | 67 | 33 | 50 | 5 | | 15 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 36 | | | | | | | | | | |
| 05 | 73 | 32 | 53 | 4 | | 12 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 30 | | | | | | | | | | |
| 06 | 81 | 44 | 63 | 8 | | 2 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 21 | | | | | | | | | | |
| 07 | 73 | 56 | 65 | 9 | | 0 | TS GR RA SHRA MIFG BR HZ | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25 | 22 | | | | | | | | | | |
| 08 | 57 | 37 | 47 * | -9 | | 18 | RA DZ SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30 | 34 | | | | | | | | | | |
| 09 | 63 | 32 | 48 | -8 | | 17 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 04 | | | | | | | | | | |
| 10 | 74 | 32 * | 53 | -4 | | 12 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22 | 28 | | | | | | | | | | |
| 11 | 78 | 40 | 59 | 2 | | 6 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 19 | | | | | | | | | | |
| 12 | 83 | 53 | 68 | 11 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 25 | | | | | | | | | | |
| 13 | 86 | 49 | 68 | 11 | | 4 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18 | 24 | | | | | | | | | | |
| 14 | 87 | 51 | 69 | 11 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 | 24 | | | | | | | | | | |
| 15 | 82 | 62 | 72 | 14 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21 | 31 | | | | | | | | | | |
| 16 | 81 | 63 | 72 | 14 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26 | 20 | | | | | | | | | | |
| 17 | 85 | 59 | 72 | 14 | | 7 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24 | 34 | | | | | | | | | | |
| 18 | 91 | 56 | 74 | 15 | | 9 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10 | 24 | | | | | | | | | | |
| 19 | 92 * | 60 | 76 * | 17 | | 11 | RA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13 | 29 | | | | | | | | | | |
| 20 | 77 | 61 | 69 | 10 | | 4 | TS SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14 | 26 | | | | | | | | | | |
| 21 | 76 | 60 | 68 | 9 | | 3 | TS RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31 | 31 | | | | | | | | | | |
| 22 | 80 | 55 | 68 | 8 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 27 | | | | | | | | | | |
| 23 | 85 | 51 | 68 | 8 | | 3 | RA | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23 | 26 | | | | | | | | | | |
| 24 | 80 | 56 | 68 | 8 | | 0 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16 | 34 | | | | | | | | | | |
| 25 | 82 | 58 | 70 | 9 | | 5 | SHRA | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25 | 30 | | | | | | | | | | |
| 26 | 64 | 50 | 57 | -4 | | 8 | RA DZ BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19 | 33 | | | | | | | | | | |
| 27 | 70 | 42 | 56 | -5 | | 9 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17 | 33 | | | | | | | | | | |
| 28 | 76 | 38 | 57 | -4 | | 8 | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15 | 10 | | | | | | | | | | |
| 29 | 74 | 58 | 66 | 4 | | 1 | RA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27 | 19 | | | | | | | | | | |
| 30 | 63 | 47 | 55 | -7 | | 10 | RA SHRA BR | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28 | 18 | | | | | | | | | | |
| 77.1 | | 49.4 | 63.3 | | | 4.2 | | 2.6 | | | | | 0.0 | 7.00 | | | | | | | | | | | |
| 5.9 | | 4.6 | 5.3 | | | | | | | | | | | | | | | | | | | | | | |