

2004

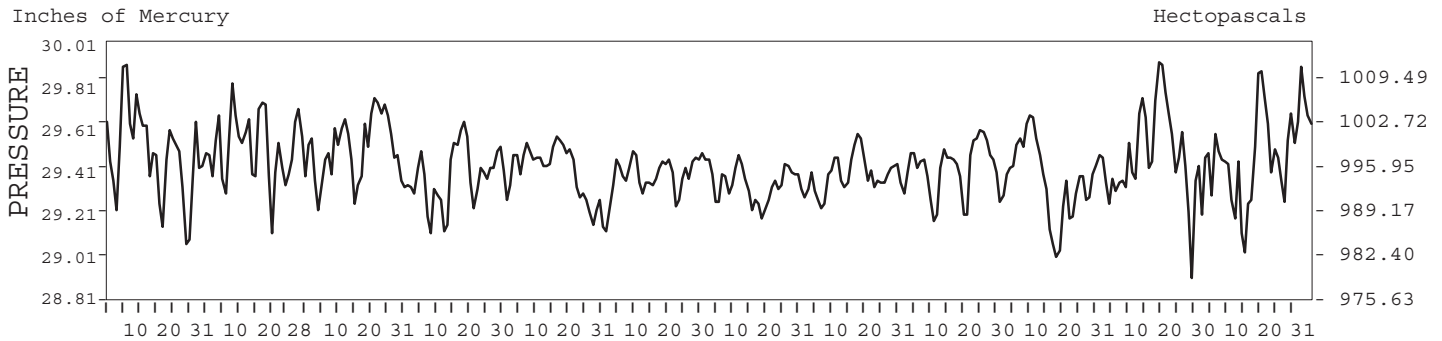
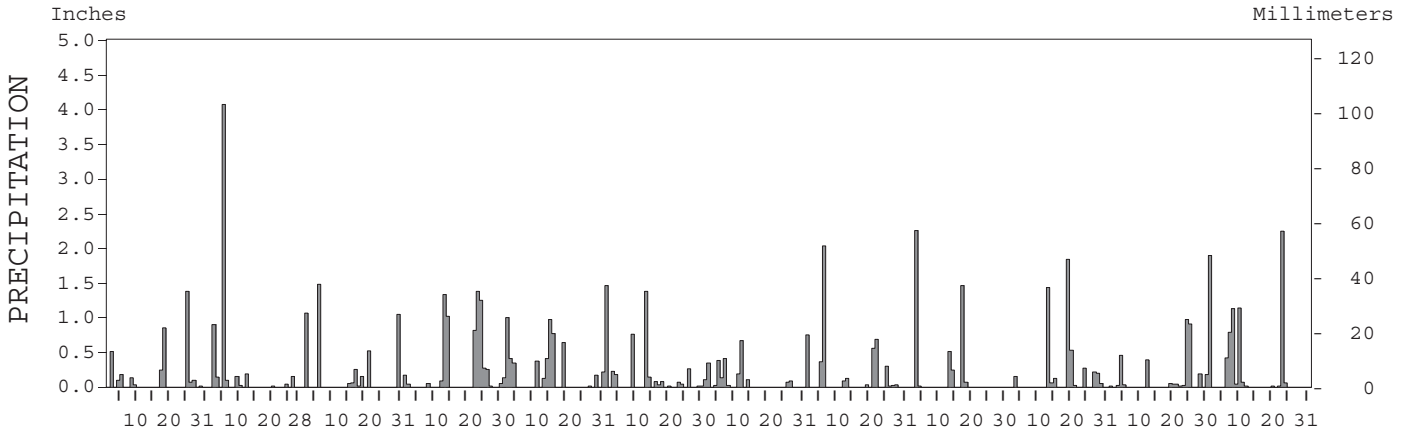
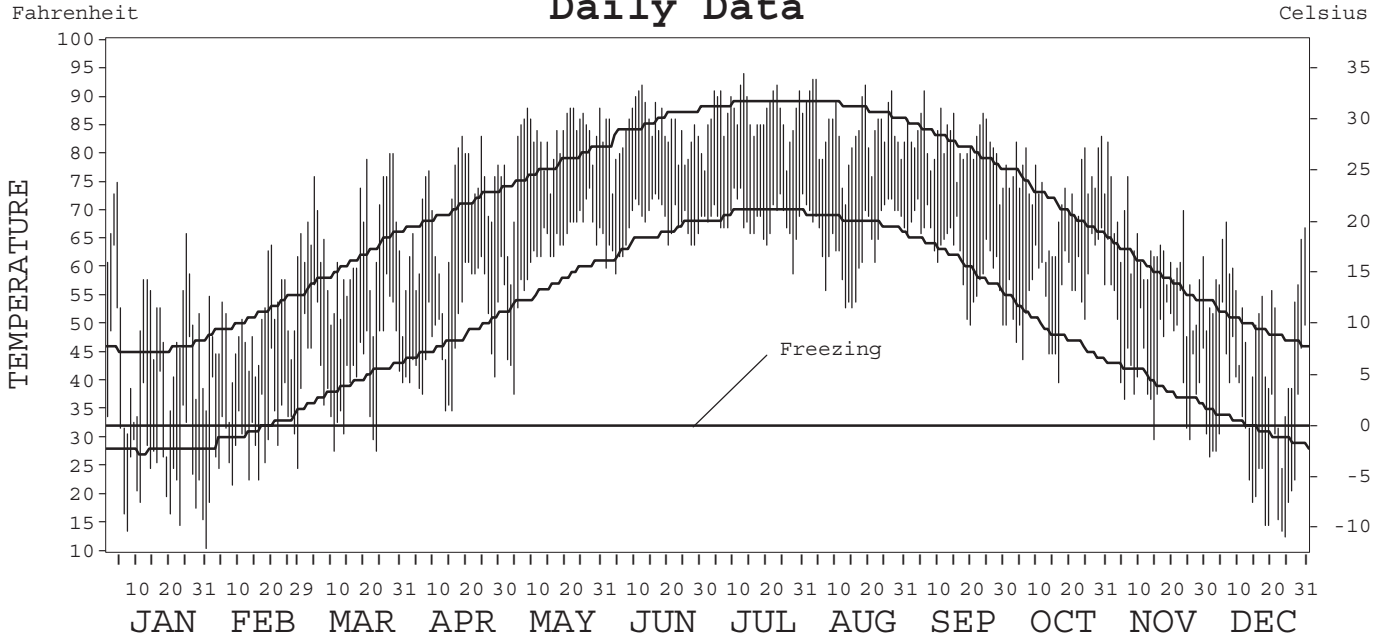
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-4845

NASHVILLE, TENNESSEE (BNA)

Daily Data



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| NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION | NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE | NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA | DIRECTOR NATIONAL CLIMATIC DATA CENTER |
|-------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------|

METEOROLOGICAL DATA FOR 2004

NASHVILLE, TN (BNA)

LATITUDE: 36° 07' 08" N LONGITUDE: 86° 41' 21" W ELEVATION (FT): GRND: 571 BARO: 574 TIME ZONE: CENTRAL (UTC + 6) WBAN: 13897

| | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 48.5 | 50.3 | 63.7 | 69.7 | 81.3 | 84.0 | 86.9 | 84.0 | 81.9 | 73.4 | 62.3 | 50.0 | 69.7 |
| | HIGHEST DAILY MAXIMUM | 75 | 66 | 80 | 83 | 88 | 92 | 94 | 93 | 91 | 83 | 82 | 68 | 94 |
| | DATE OF OCCURRENCE | 04 | 29 | 28+ | 24+ | 30+ | 12 | 13 | 04+ | 06 | 30 | 01 | 07 | JUL 13 |
| | MEAN DAILY MINIMUM | 28.6 | 31.1 | 42.9 | 49.0 | 62.1 | 67.1 | 68.4 | 64.5 | 62.3 | 55.5 | 44.9 | 30.0 | 50.5 |
| | LOWEST DAILY MINIMUM | 11 | 19 | 28 | 35 | 38 | 59 | 59 | 53 | 50 | 40 | 30 | 13 | 11 |
| | DATE OF OCCURRENCE | 31 | 01 | 23+ | 15+ | 04 | 04 | 28 | 15+ | 30+ | 17 | 26+ | 25 | JAN 31 |
| | AVERAGE DRY BULB | 38.6 | 40.7 | 53.3 | 59.4 | 71.7 | 75.6 | 77.7 | 74.3 | 72.1 | 64.5 | 53.6 | 40.0 | 60.1 |
| | MEAN WET BULB | 33.9 | 36.1 | 46.5 | 51.6 | 65.2 | 68.9 | 70.7 | 66.9 | 64.8 | 58.7 | 48.9 | 36.4 | 54.1 |
| | MEAN DEW POINT | 26.1 | 29.1 | 37.9 | 44.0 | 61.1 | 65.4 | 67.1 | 62.3 | 60.5 | 54.4 | 43.8 | 30.5 | 48.5 |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 0 | 0 | 0 | 0 | 0 | 3 | 10 | 6 | 1 | 0 | 0 | 0 | 0 | 20 |
| MAXIMUM ≤ 32° | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| MINIMUM ≤ 32° | 22 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 20 | 66 | |
| MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| H/C | HEATING DEGREE DAYS | 814 | 698 | 365 | 201 | 39 | 0 | 0 | 3 | 4 | 63 | 346 | 767 | 3300 |
| | COOLING DEGREE DAYS | 4 | 0 | 10 | 38 | 252 | 323 | 398 | 297 | 226 | 52 | 11 | 0 | 1611 |
| RH | MEAN (PERCENT) | 64 | 66 | 59 | 61 | 71 | 73 | 73 | 69 | 70 | 73 | 72 | 70 | 68 |
| | HOUR 00 LST | 69 | 70 | 67 | 70 | 83 | 82 | 82 | 79 | 81 | 79 | 78 | 77 | 76 |
| | HOUR 06 LST | 75 | 79 | 73 | 77 | 87 | 86 | 88 | 87 | 86 | 85 | 82 | 79 | 82 |
| | HOUR 12 LST | 55 | 59 | 49 | 48 | 60 | 62 | 59 | 55 | 55 | 62 | 61 | 60 | 57 |
| | HOUR 18 LST | 55 | 57 | 51 | 50 | 59 | 63 | 63 | 55 | 62 | 66 | 65 | 65 | 59 |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 0 | 3 | 2 | 2 | 0 | 14 |
| | THUNDERSTORMS | 2 | 0 | 2 | 3 | 4 | 7 | 11 | 6 | 3 | 4 | 4 | 0 | 46 |
| CLOUDINESS | SUNRISE-SUNSET: (OKTAS) | | | | | | | | | | | | | |
| | CEILOMETER (≤ 12,000 FT.) | | | | | | | | | | | | | |
| | SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | |
| | MIDNIGHT-MIDNIGHT: (OKTAS) | | | | | | | | | | | | | |
| | CEILOMETER (≤ 12,000 FT.) | | | | | | | | | | | | | |
| | SATELLITE (> 12,000 FT.) | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| CLEAR | | | | | | | | | | | | | | |
| PARTLY CLOUDY | | | | | | | | | | | | | | |
| CLOUDY | | | | | | | | | | | | | | |
| PR | MEAN STATION PRESS. (IN.) | 29.50 | 29.53 | 29.52 | 29.39 | 29.40 | 29.40 | 29.35 | 29.40 | 29.42 | 29.37 | 29.49 | 29.51 | 29.44 |
| | MEAN SEA-LEVEL PRESS. (IN.) | 30.16 | 30.19 | 30.17 | 30.03 | 30.03 | 30.03 | 29.98 | 30.03 | 30.06 | 30.01 | 30.14 | 30.17 | 30.08 |
| WINDS | RESULTANT SPEED (MPH) | 1.5 | 0.9 | 1.7 | 1.1 | 3.5 | 0.7 | 0.2 | 0.8 | 3.5 | 1.7 | 1.0 | 2.4 | 0.7 |
| | RES. DIR. (TENS OF DEGS.) | 27 | 03 | 24 | 20 | 21 | 24 | 30 | 29 | 03 | 20 | 17 | 23 | 23 |
| | MEAN SPEED (MPH) | 8.1 | 7.3 | 7.8 | 7.9 | 7.1 | 5.4 | 5.8 | 6.1 | 6.4 | 6.1 | 6.8 | 7.3 | 6.8 |
| | PREVAIL. DIR. (TENS OF DEGS.) | 34 | 04 | 18 | 18 | 18 | 18 | 18 | 18 | 36 | 19 | 18 | 18 | 18 |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | |
| | SPEED (MPH) | 24 | 26 | 35 | 29 | 29 | 31 | 58 | 23 | 31 | 29 | 31 | 29 | 58 |
| | DIR. (TENS OF DEGS.) | 26 | 16 | 29 | 29 | 29 | 26 | 03 | 24 | 03 | 22 | 16 | 13 | 03 |
| | DATE OF OCCURRENCE | 27+ | 05 | 20 | 23 | 30 | 13 | 13 | 24+ | 16 | 18 | 27 | 09 | JUL 13 |
| | MAXIMUM 5-SECOND WIND: | | | | | | | | | | | | | |
| | SPEED (MPH) | 35 | 32 | 44 | 37 | 35 | 41 | 67 | 32 | 38 | 43 | 40 | 35 | 67 |
| DIR. (TENS OF DEGS.) | 23 | 16 | 29 | 28 | 28 | 26 | 02 | 24 | 36 | 22 | 16 | 28 | 02 | |
| DATE OF OCCURRENCE | 04 | 05 | 20 | 23 | 30 | 13 | 13 | 24 | 17+ | 18 | 27 | 01 | JUL 13 | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | |
| | TOTAL (IN.) | 3.60 | 5.77 | 4.81 | 6.69 | 6.90 | 3.39 | 3.19 | 4.24 | 4.55 | 4.90 | 5.21 | 5.93 | 59.18 |
| | GREATEST 24-HOUR (IN.) | 1.38 | 4.13 | 1.48 | 2.17 | 1.67 | 1.38 | 0.75 | 2.39 | 2.26 | 2.37 | 2.08 | 2.31 | 4.13 |
| | DATE OF OCCURRENCE | 25 | 05-06 | 05 | 21-22 | 30-31 | 12 | 31 | 04-05 | 02 | 18-19 | 29-30 | 22-23 | FEB 05-06 |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | |
| | PRECIPITATION ≥ 0.01 | 11 | 10 | 10 | 13 | 13 | 15 | 12 | 11 | 6 | 12 | 14 | 11 | 138 |
| PRECIPITATION ≥ 0.10 | 8 | 7 | 7 | 8 | 12 | 7 | 8 | 6 | 4 | 8 | 7 | 5 | 87 | |
| PRECIPITATION ≥ 1.00 | 1 | 1 | 3 | 4 | 2 | 1 | 0 | 1 | 2 | 2 | 1 | 3 | 21 | |
| SNOWFALL | SNOW, ICE PELLETS, HAIL: | | | | | | | | | | | | | |
| | TOTAL (IN.) | | | | | | | | | | | | | |
| | GREATEST 24-HOUR (IN.) | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | |
| | MAXIMUM SNOW DEPTH (IN.) | | | | | | | | | | | | | |
| | DATE OF OCCURRENCE | | | | | | | | | | | | | |
| NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | | | | | | | | | | | | | | |

NORMALS, MEANS, AND EXTREMES

NASHVILLE, TN (BNA)

LATITUDE: 36° 07' 08" N LONGITUDE: 86° 41' 21" W ELEVATION (FT): GRND: 571 BARO: 574 TIME ZONE: CENTRAL (UTC + 6) WBAN: 13897

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-----------------------|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 45.6 | 51.4 | 60.7 | 69.8 | 77.5 | 85.1 | 88.7 | 87.8 | 81.5 | 71.1 | 59.0 | 49.4 | 69.0 |
| | MEAN DAILY MAXIMUM | 57 | 46.9 | 51.7 | 60.5 | 70.8 | 79.0 | 86.4 | 89.7 | 88.7 | 82.8 | 72.4 | 59.7 | 50.3 | 69.9 |
| | HIGHEST DAILY MAXIMUM | 65 | 78 | 84 | 86 | 91 | 97 | 106 | 107 | 104 | 105 | 94 | 84 | 79 | 107 |
| | YEAR OF OCCURRENCE | | 1972 | 1962 | 1982 | 1989 | 1941 | 1952 | 1952 | 1954 | 1954 | 1953 | 2000 | 1982 | JUL 1952 |
| | MEAN OF EXTREME MAXS. | 57 | 68.1 | 72.0 | 78.8 | 85.3 | 89.3 | 94.8 | 97.0 | 96.1 | 93.5 | 85.7 | 77.3 | 68.9 | 83.9 |
| | NORMAL DAILY MINIMUM | 30 | 27.9 | 31.2 | 39.4 | 47.1 | 56.7 | 65.0 | 69.5 | 68.0 | 61.0 | 48.6 | 39.5 | 31.5 | 48.8 |
| | MEAN DAILY MINIMUM | 57 | 28.4 | 31.4 | 38.8 | 47.9 | 57.2 | 65.1 | 69.5 | 67.7 | 61.0 | 48.7 | 38.9 | 31.5 | 48.8 |
| | LOWEST DAILY MINIMUM | 65 | -17 | -13 | 2 | 23 | 34 | 42 | 51 | 47 | 36 | 26 | -1 | -10 | -17 |
| | YEAR OF OCCURRENCE | | 1985 | 1951 | 1980 | 1982 | 1976 | 1966 | 1947 | 1946 | 1983 | 1987 | 1950 | 1989 | JAN 1985 |
| | MEAN OF EXTREME MINS. | 57 | 7.7 | 11.7 | 22.0 | 31.4 | 42.1 | 53.1 | 60.1 | 58.1 | 45.8 | 32.6 | 21.3 | 12.8 | 33.2 |
| | NORMAL DRY BULB | 30 | 36.8 | 41.3 | 50.1 | 58.5 | 67.1 | 75.1 | 79.1 | 77.9 | 71.3 | 59.9 | 49.3 | 40.5 | 58.9 |
| | MEAN DRY BULB | 57 | 37.6 | 41.6 | 49.6 | 59.4 | 68.2 | 75.8 | 79.7 | 78.3 | 72.0 | 60.7 | 49.3 | 41.0 | 59.4 |
| | MEAN WET BULB | 20 | 34.4 | 38.4 | 44.4 | 52.6 | 61.6 | 68.7 | 72.0 | 70.7 | 64.4 | 54.7 | 43.6 | 37.5 | 53.6 |
| | MEAN DEW POINT | 20 | 28.5 | 31.8 | 36.8 | 45.6 | 57.0 | 64.8 | 68.3 | 67.0 | 59.9 | 49.4 | 38.1 | 32.1 | 48.3 |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 30 | 0.0 | 0.0 | 0.0 | 0.1 | 1.0 | 8.8 | 17.1 | 13.1 | 5.7 | 0.1 | 0.0 | 0.0 | 45.9 | |
| MAXIMUM ≤ 32° | 30 | 4.5 | 2.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.2 | 9.3 | |
| MINIMUM ≤ 32° | 30 | 20.6 | 15.6 | 8.4 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 8.1 | 17.0 | 72.7 | |
| MINIMUM ≤ 0° | 30 | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.9 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 859 | 664 | 462 | 217 | 56 | 2 | 0 | 0 | 24 | 189 | 460 | 744 | 3677 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 9 | 37 | 136 | 321 | 453 | 416 | 229 | 46 | 5 | 0 | 1652 |
| RH | NORMAL (PERCENT) | 30 | 71 | 68 | 64 | 63 | 70 | 71 | 72 | 72 | 73 | 70 | 70 | 72 | 70 |
| | HOUR 00 LST | 30 | 76 | 74 | 71 | 72 | 82 | 84 | 84 | 84 | 84 | 81 | 77 | 76 | 79 |
| | HOUR 06 LST | 30 | 80 | 80 | 78 | 81 | 86 | 87 | 89 | 90 | 90 | 87 | 82 | 81 | 84 |
| | HOUR 12 LST | 30 | 64 | 59 | 54 | 51 | 56 | 56 | 57 | 56 | 57 | 53 | 59 | 64 | 57 |
| | HOUR 18 LST | 30 | 67 | 60 | 55 | 52 | 58 | 60 | 62 | 61 | 63 | 60 | 64 | 67 | 61 |
| S | PERCENT POSSIBLE SUNSHINE | 55 | 41 | 47 | 52 | 59 | 60 | 65 | 63 | 63 | 62 | 62 | 50 | 42 | 56 |
| W/O | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 64 | 2.4 | 1.4 | 1.0 | 0.6 | 1.0 | 0.9 | 1.1 | 1.5 | 1.9 | 2.1 | 1.6 | 1.8 | 17.3 |
| | THUNDERSTORMS | 64 | 1.2 | 1.7 | 4.0 | 5.1 | 7.1 | 8.2 | 9.2 | 7.4 | 3.5 | 1.6 | 1.6 | 1.0 | 51.6 |
| CLOUDINESS | MEAN: | | | | | | | | | | | | | | |
| | SUNRISE-SUNSET (OKTAS) | 56 | 5.7 | 5.4 | 5.3 | 4.9 | 4.8 | 4.5 | 4.4 | 4.2 | 4.2 | 3.9 | 4.8 | 5.3 | 4.8 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 5.3 | 5.1 | 5.0 | 4.6 | 4.6 | 4.1 | 4.0 | 3.8 | 4.0 | 3.6 | 4.7 | 5.0 | 4.5 |
| | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | CLEAR | 55 | 6.3 | 6.9 | 7.5 | 8.3 | 8.0 | 8.0 | 8.1 | 9.9 | 10.5 | 12.8 | 8.8 | 7.1 | 102.2 |
| PARTLY CLOUDY | 55 | 6.1 | 5.9 | 7.2 | 8.5 | 10.1 | 12.5 | 13.2 | 12.2 | 9.1 | 8.0 | 6.8 | 7.0 | 106.6 | |
| CLOUDY | 55 | 18.5 | 15.5 | 16.3 | 13.2 | 13.0 | 9.5 | 9.7 | 8.9 | 10.4 | 10.2 | 14.4 | 17.0 | 156.6 | |
| PR | MEAN STATION PRESSURE (IN) | 31 | 29.50 | 29.46 | 29.39 | 29.37 | 29.35 | 29.36 | 29.40 | 29.41 | 29.43 | 29.47 | 29.48 | 29.50 | 29.43 |
| | MEAN SEA-LEVEL PRES. (IN) | 19 | 30.16 | 30.13 | 30.07 | 30.00 | 30.00 | 30.01 | 30.02 | 30.03 | 30.06 | 30.11 | 30.12 | 30.18 | 30.07 |
| WINDS | MEAN SPEED (MPH) | 52 | 8.9 | 9.1 | 9.7 | 9.0 | 7.4 | 6.9 | 6.5 | 6.0 | 6.3 | 6.7 | 8.3 | 8.8 | 7.8 |
| | PREVAIL. DIR (TENS OF DEGS) | 36 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| | MAXIMUM 2-MINUTE: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 8 | 38 | 36 | 39 | 40 | 33 | 38 | 58 | 43 | 31 | 35 | 36 | 32 | 58 |
| | DIR. (TENS OF DEGS) | | 17 | 02 | 17 | 25 | 33 | 01 | 03 | 27 | 03 | 17 | 26 | 16 | 03 |
| | YEAR OF OCCURRENCE | | 2000 | 1998 | 1999 | 1998 | 1998 | 1999 | 2004 | 2003 | 2004 | 2002 | 1997 | 2003 | JUL 2004 |
| | MAXIMUM 5-SECOND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 8 | 61 | 47 | 48 | 59 | 47 | 47 | 67 | 59 | 38 | 45 | 45 | 41 | 67 |
| DIR. (TENS OF DEGS) | | 26 | 19 | 16 | 23 | 32 | 01 | 02 | 33 | 36 | 17 | 25 | 23 | 02 | |
| YEAR OF OCCURRENCE | | 1999 | 1997 | 1999 | 1998 | 2000 | 1999 | 2004 | 2003 | 2004 | 2002 | 1997 | 2001 | JUL 2004 | |
| PRECIPITATION | NORMAL (IN) | 30 | 3.97 | 3.69 | 4.87 | 3.93 | 5.07 | 4.08 | 3.77 | 3.28 | 3.59 | 2.87 | 4.45 | 4.54 | 48.11 |
| | MAXIMUM MONTHLY (IN) | 65 | 13.92 | 10.31 | 12.35 | 8.41 | 11.04 | 11.95 | 7.75 | 8.31 | 11.44 | 6.13 | 9.04 | 13.63 | 13.92 |
| | YEAR OF OCCURRENCE | | 1950 | 1956 | 1975 | 1984 | 1983 | 1998 | 1950 | 1942 | 1979 | 1959 | 1945 | 1978 | JAN 1950 |
| | MINIMUM MONTHLY (IN) | 65 | 0.19 | 0.64 | 1.18 | 0.52 | 0.69 | 0.45 | 0.71 | 0.69 | 0.28 | T | 0.54 | 0.98 | T |
| | YEAR OF OCCURRENCE | | 1986 | 1968 | 1987 | 1986 | 1941 | 1988 | 1954 | 1968 | 1956 | 1963 | 1949 | 1985 | OCT 1963 |
| | MAXIMUM IN 24 HOURS (IN) | 65 | 4.40 | 4.73 | 4.66 | 3.29 | 4.63 | 5.24 | 4.32 | 5.34 | 6.68 | 3.75 | 4.20 | 5.12 | 6.68 |
| | YEAR OF OCCURRENCE | | 1946 | 1989 | 1975 | 1979 | 2003 | 1998 | 1992 | 1963 | 1979 | 1975 | 1997 | 1978 | SEP 1979 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 30 | 11.1 | 10.1 | 12.1 | 10.7 | 11.3 | 9.7 | 10.0 | 8.4 | 8.3 | 7.4 | 10.1 | 11.0 | 120.2 | |
| PRECIPITATION ≥ 1.00 | 30 | 0.9 | 0.7 | 1.0 | 1.2 | 1.5 | 1.1 | 1.1 | 1.0 | 0.9 | 0.8 | 1.2 | 1.5 | 12.9 | |
| SNOWFALL | NORMAL (IN) | 30 | 3.9 | 3.4 | 1.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 0.1 | 0.5 | 9.1 | |
| | MAXIMUM MONTHLY (IN) | 58 | 18.8 | 18.9 | 16.1 | 1.1 | 0.0 | T | 0.0 | T | 0.0 | 0.4 | 9.2 | 13.2 | 18.9 |
| | YEAR OF OCCURRENCE | | 1948 | 1979 | 1960 | 1971 | | 1994 | | 1989 | | 1993 | 1950 | 1963 | FEB 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 58 | 8.1 | 8.3 | 8.8 | 1.1 | 0.0 | T | 0.0 | T | 0.0 | 0.4 | 9.2 | 10.2 | 10.2 |
| | YEAR OF OCCURRENCE | | 1988 | 1979 | 1951 | 1971 | | 1994 | | 1989 | | 1993 | 1950 | 1963 | DEC 1963 |
| | MAXIMUM SNOW DEPTH (IN) | 49 | 70 | 8 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | 70 |
| | YEAR OF OCCURRENCE | | 1948 | 1979 | 1968 | | | | | | | | 1966 | 1963 | JAN 1948 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 30 | 1.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 2.8 | |

PRECIPITATION (inches) 2004 NASHVILLE, TN (BNA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|-------|------|-------|-------|------|------|-------|------|------|-------|--------|
| 1975 | 4.67 | 5.22 | 12.35 | 3.55 | 6.52 | 2.22 | 2.96 | 4.69 | 5.42 | 5.86 | 3.00 | 4.12 | 60.58 |
| 1976 | 4.11 | 2.28 | 5.32 | 1.53 | 6.19 | 4.72 | 4.01 | 8.05 | 5.08 | 5.17 | 1.30 | 1.81 | 49.57 |
| 1977 | 2.53 | 3.27 | 5.83 | 7.87 | 1.65 | 4.29 | 1.15 | 4.65 | 5.04 | 4.22 | 5.96 | 4.25 | 50.71 |
| 1978 | 5.95 | 1.57 | 4.88 | 2.42 | 8.03 | 1.46 | 4.03 | 3.81 | 1.37 | 2.28 | 4.01 | 13.63 | 53.44 |
| 1979 | 7.13 | 4.01 | 4.92 | 7.80 | 8.18 | 2.79 | 4.27 | 4.59 | 11.44 | 3.97 | 5.98 | 5.04 | 70.12 |
| 1980 | 2.59 | 1.38 | 7.27 | 3.67 | 6.14 | 2.89 | 3.53 | 1.24 | 1.09 | 1.17 | 2.55 | 1.40 | 34.92 |
| 1981 | 1.60 | 3.83 | 3.38 | 4.78 | 3.05 | 8.05 | 3.49 | 3.10 | 1.37 | 2.82 | 3.83 | 2.38 | 41.68 |
| 1982 | 6.50 | 4.80 | 3.00 | 4.36 | 4.19 | 2.28 | 5.47 | 3.46 | 3.23 | 1.91 | 3.87 | 6.36 | 49.43 |
| 1983 | 2.56 | 2.93 | 3.44 | 6.80 | 11.04 | 3.93 | 1.71 | 1.36 | 0.45 | 2.77 | 6.98 | 7.75 | 51.72 |
| 1984 | 1.79 | 2.38 | 5.14 | 8.41 | 9.68 | 4.49 | 6.63 | 2.42 | 0.97 | 6.00 | 6.20 | 2.38 | 56.49 |
| 1985 | 3.02 | 3.30 | 2.70 | 2.91 | 2.65 | 1.53 | 2.00 | 3.91 | 2.52 | 1.59 | 3.81 | 0.98 | 30.92 |
| 1986 | 0.19 | 3.59 | 2.29 | 0.52 | 3.36 | 2.38 | 0.77 | 3.38 | 2.19 | 2.19 | 7.43 | 3.31 | 31.60 |
| 1987 | 1.61 | 4.87 | 1.18 | 1.03 | 4.41 | 2.82 | 2.56 | 0.73 | 1.95 | 0.21 | 3.40 | 5.46 | 30.23 |
| 1988 | 3.73 | 2.02 | 2.18 | 2.09 | 1.86 | 0.45 | 3.26 | 2.39 | 2.45 | 1.54 | 5.49 | 3.95 | 31.41 |
| 1989 | 4.52 | 9.36 | 5.31 | 2.68 | 4.61 | 7.87 | 3.18 | 3.67 | 6.30 | 3.62 | 3.94 | 1.97 | 57.03 |
| 1990 | 2.76 | 4.73 | 3.26 | 1.60 | 2.80 | 2.37 | 4.86 | 3.12 | 2.13 | 4.41 | 4.29 | 10.76 | 47.09 |
| 1991 | 2.92 | 5.44 | 4.25 | 3.35 | 5.63 | 1.25 | 2.82 | 1.79 | 5.47 | 3.88 | 2.87 | 7.27 | 46.94 |
| 1992 | 2.97 | 2.60 | 4.50 | 0.77 | 3.12 | 4.31 | 5.89 | 3.25 | 3.45 | 1.62 | 4.48 | 2.88 | 39.84 |
| 1993 | 2.76 | 3.33 | 5.50 | 3.33 | 4.50 | 5.31 | 3.64 | 1.76 | 2.90 | 2.20 | 2.53 | 6.62 | 44.38 |
| 1994 | 4.36 | 6.18 | 7.56 | 5.72 | 3.76 | 8.08 | 4.82 | 5.05 | 4.20 | 3.31 | 4.04 | 2.69 | 59.77 |
| 1995 | 5.61 | 1.81 | 3.87 | 3.95 | 7.66 | 3.69 | 1.95 | 3.40 | 5.00 | 5.60 | 3.98 | 2.32 | 48.84 |
| 1996 | 3.82 | 2.46 | 5.15 | 3.68 | 4.48 | 3.68 | 5.45 | 1.09 | 4.89 | 3.16 | 6.00 | 4.77 | 48.63 |
| 1997 | 4.19 | 3.10 | 9.64 | 2.42 | 4.92 | 6.66 | 3.26 | 3.52 | 5.75 | 2.71 | 6.59 | 2.19 | 54.95 |
| 1998 | 3.68 | 4.11 | 3.13 | 6.31 | 4.46 | 11.95 | 4.63 | 2.93 | 1.39 | 1.59 | 1.30 | 6.53 | 52.01 |
| 1999 | 9.28 | 2.33 | 4.27 | 2.29 | 4.35 | 3.56 | 3.19 | 3.05 | 1.97 | 2.04 | 2.99 | 2.50 | 41.82 |
| 2000 | 3.52 | 3.75 | 3.34 | 6.23 | 7.66 | 1.74 | 2.25 | 1.95 | 1.90 | 0.26 | 6.39 | 3.44 | 42.43 |
| 2001 | 3.21 | 8.54 | 2.73 | 2.42 | 5.54 | 4.47 | 2.77 | 4.07 | 1.79 | 4.61 | 5.09 | 3.32 | 48.56 |
| 2002 | 4.93 | 1.99 | 9.40 | 4.31 | 3.98 | 3.76 | 5.64 | 3.13 | 6.29 | 4.48 | 2.91 | 5.81 | 56.63 |
| 2003 | 1.59 | 8.47 | 2.30 | 4.69 | 10.73 | 7.08 | 2.87 | 3.88 | 8.70 | 1.80 | 4.17 | 3.19 | 59.47 |
| 2004 | 3.60 | 5.77 | 4.81 | 6.69 | 6.90 | 3.39 | 3.19 | 4.24 | 4.55 | 4.90 | 5.21 | 5.93 | 59.18 |
| POR= 134 YRS | 4.56 | 4.18 | 5.08 | 4.19 | 4.24 | 3.92 | 3.88 | 3.30 | 3.37 | 2.55 | 3.70 | 4.05 | 47.02 |

WBAN : 13897

AVERAGE TEMPERATURE (°F) 2004 NASHVILLE, TN (BNA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1975 | 43.4 | 44.6 | 47.3 | 58.5 | 70.4 | 76.0 | 78.5 | 79.1 | 67.9 | 62.4 | 52.1 | 42.8 | 60.3 |
| 1976 | 36.7 | 50.5 | 55.9 | 59.9 | 64.0 | 73.3 | 76.4 | 74.4 | 66.8 | 53.9 | 40.9 | 36.6 | 57.4 |
| 1977 | 24.5 | 40.6 | 53.9 | 63.0 | 71.9 | 77.2 | 82.2 | 79.5 | 74.0 | 57.0 | 50.8 | 38.6 | 59.4 |
| 1978 | 27.6 | 29.2 | 46.9 | 61.0 | 66.7 | 76.2 | 80.5 | 78.7 | 75.5 | 57.4 | 53.6 | 42.4 | 58.0 |
| 1979 | 29.7 | 33.4 | 50.7 | 57.8 | 66.3 | 73.7 | 77.6 | 77.0 | 70.5 | 60.3 | 48.6 | 41.5 | 57.3 |
| 1980 | 39.7 | 35.7 | 46.3 | 57.3 | 67.8 | 75.5 | 82.8 | 81.7 | 76.0 | 57.8 | 48.5 | 41.0 | 59.2 |
| 1981 | 35.5 | 42.6 | 47.5 | 64.0 | 64.2 | 77.5 | 79.8 | 76.6 | 68.1 | 60.4 | 49.9 | 38.3 | 58.7 |
| 1982 | 34.0 | 39.5 | 52.5 | 54.6 | 71.0 | 73.3 | 79.8 | 76.1 | 69.6 | 61.1 | 51.4 | 48.2 | 59.3 |
| 1983 | 38.8 | 42.7 | 50.3 | 54.5 | 64.8 | 75.5 | 80.5 | 83.2 | 73.7 | 62.4 | 49.9 | 34.0 | 59.2 |
| 1984 | 32.2 | 43.4 | 46.1 | 58.2 | 64.2 | 77.4 | 76.1 | 76.5 | 68.6 | 66.7 | 46.0 | 49.6 | 58.8 |
| 1985 | 27.8 | 36.5 | 53.2 | 61.9 | 68.4 | 75.7 | 80.2 | 77.2 | 70.8 | 64.4 | 56.9 | 34.2 | 58.9 |
| 1986 | 37.2 | 44.7 | 50.8 | 60.8 | 68.6 | 76.5 | 82.4 | 76.7 | 74.9 | 61.0 | 49.9 | 39.9 | 60.3 |
| 1987 | 36.1 | 43.1 | 51.8 | 57.7 | 73.4 | 77.5 | 80.2 | 81.1 | 72.2 | 54.6 | 52.4 | 44.1 | 60.4 |
| 1988 | 34.4 | 38.7 | 49.3 | 57.1 | 67.3 | 77.3 | 81.4 | 81.9 | 72.8 | 54.2 | 51.1 | 42.4 | 59.0 |
| 1989 | 44.9 | 39.0 | 52.6 | 59.3 | 65.7 | 74.7 | 79.1 | 78.0 | 70.5 | 61.0 | 51.4 | 29.5 | 58.8 |
| 1990 | 45.8 | 49.9 | 53.6 | 58.4 | 66.4 | 78.2 | 80.4 | 79.6 | 74.7 | 60.1 | 54.3 | 43.7 | 62.1 |
| 1991 | 39.2 | 43.9 | 52.5 | 63.8 | 74.2 | 78.2 | 81.1 | 78.3 | 72.3 | 61.2 | 47.2 | 44.5 | 61.4 |
| 1992 | 40.0 | 45.9 | 50.1 | 59.6 | 65.8 | 72.4 | 79.9 | 74.9 | 70.9 | 59.4 | 49.5 | 41.2 | 59.1 |
| 1993 | 41.6 | 39.3 | 47.1 | 56.7 | 67.6 | 75.9 | 83.3 | 81.0 | 71.0 | 58.6 | 47.4 | 40.3 | 59.2 |
| 1994 | 33.4 | 44.0 | 50.7 | 62.5 | 64.1 | 78.1 | 78.5 | 77.1 | 69.1 | 61.0 | 54.5 | 45.3 | 59.9 |
| 1995 | 38.6 | 40.4 | | 60.9 | 68.5 | 74.7 | 80.8 | 83.3 | 70.7 | 60.0 | 44.0 | 39.5 | |
| 1996 | 36.3 | 40.6 | 44.6 | 55.8 | 71.5 | 75.6 | 77.6 | 77.5 | 69.5 | 60.8 | 45.7 | 44.4 | 58.3 |
| 1997 | 37.3 | 45.6 | 53.6 | 54.4 | 63.2 | 72.0 | 79.8 | 76.9 | 71.9 | 59.8 | 45.5 | 39.5 | 58.3 |
| 1998 | 44.7 | 46.0 | 49.4 | 57.9 | 71.5 | 77.6 | 79.6 | 79.2 | 77.1 | 63.5 | 52.3 | 43.1 | 61.8 |
| 1999 | 42.5 | 45.8 | 45.6 | 62.6 | 67.6 | 76.5 | 81.9 | 79.4 | 71.9 | 59.9 | 54.0 | 43.7 | 61.0 |
| 2000 | 39.2 | 46.7 | 53.1 | 56.7 | 69.9 | 76.4 | 80.3 | 79.8 | 71.3 | 63.8 | 48.0 | 30.8 | 59.7 |
| 2001 | 35.4 | 44.7 | 45.3 | 63.7 | 68.8 | 73.4 | 79.8 | 78.8 | 70.2 | 58.5 | 54.3 | 44.9 | 59.8 |
| 2002 | 42.2 | 40.6 | 49.6 | 62.0 | 65.7 | 76.9 | 80.1 | 80.0 | 75.0 | 61.4 | 46.4 | 40.5 | 60.0 |
| 2003 | 32.9 | 38.0 | 52.0 | 61.2 | 67.2 | 71.9 | 78.3 | 79.3 | 70.2 | 60.6 | 53.5 | 40.3 | 58.8 |
| 2004 | 38.6 | 40.7 | 53.3 | 59.4 | 71.7 | 75.6 | 77.7 | 74.3 | 72.1 | 64.5 | 53.6 | 40.0 | 60.1 |
| POR= 134 YRS | 38.6 | 41.0 | 49.6 | 59.4 | 68.1 | 76.2 | 78.9 | 78.3 | 72.1 | 60.8 | 49.1 | 40.9 | 59.4 |

HEATING DEGREE DAYS (base 65°F) 2004 NASHVILLE, TN (BNA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-------|
| 1975-76 | 0 | 0 | 68 | 138 | 398 | 683 | 870 | 417 | 303 | 183 | 94 | 0 | 3154 |
| 1976-77 | 0 | 0 | 31 | 349 | 718 | 872 | 1250 | 679 | 350 | 129 | 28 | 1 | 4407 |
| 1977-78 | 0 | 0 | 3 | 255 | 425 | 813 | 1152 | 996 | 556 | 164 | 92 | 0 | 4456 |
| 1978-79 | 0 | 0 | 1 | 240 | 338 | 695 | 1088 | 877 | 449 | 213 | 57 | 0 | 3958 |
| 1979-80 | 0 | 0 | 5 | 180 | 487 | 723 | 777 | 848 | 571 | 240 | 38 | 0 | 3869 |
| 1980-81 | 0 | 0 | 9 | 259 | 487 | 739 | 909 | 621 | 537 | 97 | 96 | 0 | 3754 |
| 1981-82 | 0 | 0 | 42 | 175 | 445 | 820 | 956 | 707 | 416 | 309 | 8 | 0 | 3878 |
| 1982-83 | 0 | 0 | 30 | 194 | 413 | 537 | 806 | 620 | 458 | 322 | 71 | 0 | 3451 |
| 1983-84 | 0 | 0 | 45 | 121 | 447 | 956 | 1009 | 621 | 578 | 220 | 106 | 0 | 4103 |
| 1984-85 | 0 | 0 | 59 | 63 | 564 | 473 | 1146 | 794 | 383 | 145 | 25 | 6 | 3658 |
| 1985-86 | 0 | 0 | 30 | 91 | 264 | 948 | 854 | 561 | 432 | 171 | 55 | 0 | 3406 |
| 1986-87 | 0 | 3 | 0 | 175 | 447 | 773 | 889 | 608 | 401 | 242 | 6 | 0 | 3544 |
| 1987-88 | 0 | 0 | 7 | 317 | 376 | 640 | 941 | 756 | 485 | 242 | 43 | 2 | 3809 |
| 1988-89 | 0 | 0 | 5 | 343 | 408 | 693 | 618 | 721 | 397 | 258 | 90 | 0 | 3533 |
| 1989-90 | 0 | 0 | 36 | 158 | 408 | 1095 | 590 | 422 | 373 | 245 | 65 | 1 | 3393 |
| 1990-91 | 0 | 0 | 21 | 195 | 323 | 654 | 791 | 586 | 402 | 80 | 9 | 0 | 3061 |
| 1991-92 | 0 | 0 | 42 | 166 | 535 | 628 | 768 | 544 | 456 | 217 | 85 | 2 | 3443 |
| 1992-93 | 0 | 0 | 26 | 181 | 461 | 731 | 717 | 713 | 552 | 252 | 32 | 4 | 3669 |
| 1993-94 | 0 | 0 | 27 | 227 | 528 | 759 | 974 | 585 | 437 | 134 | 90 | 0 | 3761 |
| 1994-95 | 0 | 0 | 21 | 144 | 316 | 605 | 814 | 683 | | 175 | 42 | 0 | |
| 1995-96 | 0 | 0 | 31 | 184 | 624 | 783 | 886 | 702 | 626 | 292 | 32 | 0 | 4160 |
| 1996-97 | 0 | 0 | 25 | 160 | 572 | 634 | 851 | 538 | 357 | 319 | 107 | 4 | 3567 |
| 1997-98 | 0 | 0 | 0 | 227 | 576 | 785 | 622 | 527 | 505 | 209 | 19 | 5 | 3475 |
| 1998-99 | 0 | 0 | 0 | 111 | 375 | 671 | 686 | 531 | 595 | 125 | 10 | 0 | 3104 |
| 1999-00 | 0 | 0 | 18 | 185 | 322 | 654 | 796 | 523 | 364 | 248 | 14 | 0 | 3124 |
| 2000-01 | 0 | 0 | 32 | 123 | 518 | 1051 | 912 | 565 | 602 | 124 | 17 | 7 | 3951 |
| 2001-02 | 0 | 0 | 47 | 218 | 315 | 617 | 704 | 677 | 477 | 171 | 89 | 0 | 3315 |
| 2002-03 | 0 | 0 | 2 | 161 | 554 | 752 | 991 | 748 | 393 | 147 | 24 | 8 | 3780 |
| 2003-04 | 0 | 0 | 26 | 150 | 341 | 761 | 814 | 698 | 365 | 201 | 39 | 0 | 3395 |
| 2004- | 0 | 3 | 4 | 63 | 346 | 767 | | | | | | | |

WBAN : 13897

COOLING DEGREE DAYS (base 65°F) 2004 NASHVILLE, TN (BNA)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1975 | 3 | 0 | 3 | 55 | 183 | 341 | 424 | 444 | 164 | 62 | 19 | 0 | 1698 |
| 1976 | 0 | 1 | 28 | 36 | 68 | 257 | 363 | 299 | 92 | 10 | 0 | 0 | 1154 |
| 1977 | 0 | 0 | 11 | 74 | 253 | 371 | 543 | 458 | 281 | 13 | 4 | 0 | 2008 |
| 1978 | 0 | 0 | 1 | 50 | 152 | 344 | 489 | 432 | 324 | 13 | 2 | 0 | 1807 |
| 1979 | 0 | 0 | 11 | 5 | 103 | 264 | 393 | 381 | 175 | 44 | 0 | 0 | 1376 |
| 1980 | 0 | 0 | 0 | 17 | 131 | 322 | 562 | 527 | 344 | 44 | 1 | 0 | 1948 |
| 1981 | 0 | 0 | 1 | 71 | 81 | 383 | 464 | 366 | 145 | 42 | 0 | 0 | 1553 |
| 1982 | 0 | 0 | 37 | 4 | 199 | 256 | 470 | 352 | 177 | 84 | 12 | 21 | 1612 |
| 1983 | 0 | 0 | 9 | 12 | 69 | 320 | 488 | 568 | 315 | 49 | 2 | 0 | 1832 |
| 1984 | 0 | 0 | 0 | 21 | 87 | 382 | 352 | 364 | 173 | 121 | 0 | 1 | 1501 |
| 1985 | 0 | 2 | 24 | 59 | 137 | 335 | 479 | 386 | 206 | 79 | 29 | 0 | 1736 |
| 1986 | 0 | 0 | 1 | 52 | 174 | 352 | 551 | 371 | 304 | 59 | 0 | 0 | 1864 |
| 1987 | 0 | 0 | 0 | 31 | 272 | 381 | 479 | 507 | 227 | 3 | 7 | 0 | 1907 |
| 1988 | 0 | 0 | 5 | 17 | 120 | 380 | 515 | 531 | 246 | 17 | 0 | 0 | 1831 |
| 1989 | 0 | 0 | 21 | 93 | 120 | 298 | 446 | 408 | 208 | 39 | 8 | 0 | 1641 |
| 1990 | 0 | 4 | 26 | 51 | 115 | 401 | 485 | 458 | 315 | 52 | 10 | 0 | 1917 |
| 1991 | 0 | 0 | 22 | 50 | 300 | 403 | 507 | 419 | 268 | 57 | 4 | 0 | 2030 |
| 1992 | 0 | 0 | 0 | 60 | 115 | 233 | 471 | 311 | 208 | 15 | 2 | 0 | 1415 |
| 1993 | 0 | 0 | 1 | 9 | 121 | 336 | 573 | 506 | 215 | 33 | 7 | 0 | 1801 |
| 1994 | 0 | 3 | 0 | 66 | 67 | 400 | 426 | 381 | 152 | 26 | 8 | 0 | 1529 |
| 1995 | 0 | 0 | 0 | 60 | 158 | 297 | 496 | 573 | 210 | 34 | 1 | 0 | |
| 1996 | 0 | 4 | 0 | 22 | 240 | 324 | 397 | 395 | 166 | 35 | 0 | 2 | 1585 |
| 1997 | 0 | 0 | 13 | 6 | 61 | 222 | 465 | 374 | 211 | 72 | 0 | 0 | 1424 |
| 1998 | 0 | 0 | 27 | 5 | 227 | 391 | 459 | 447 | 370 | 69 | 1 | 1 | 1997 |
| 1999 | 0 | 0 | 0 | 60 | 100 | 354 | 533 | 453 | 229 | 35 | 1 | 0 | 1765 |
| 2000 | 2 | 0 | 6 | 6 | 172 | 346 | 483 | 467 | 227 | 95 | 18 | 0 | 1822 |
| 2001 | 0 | 0 | 0 | 93 | 146 | 264 | 468 | 437 | 209 | 27 | 2 | 0 | 1646 |
| 2002 | 3 | 0 | 6 | 87 | 118 | 364 | 474 | 471 | 310 | 55 | 4 | 0 | 1892 |
| 2003 | 0 | 0 | 0 | 40 | 99 | 221 | 417 | 451 | 187 | 22 | 5 | 0 | 1442 |
| 2004 | 4 | 0 | 10 | 38 | 252 | 323 | 398 | 297 | 226 | 52 | 11 | 0 | 1611 |

SNOWFALL (inches) 2004 NASHVILLE, TN (BNA)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-------|
| 1975-76 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.1 | 2.3 | T | 0.0 | 0.0 | 0.0 | 3.4 |
| 1976-77 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.8 | 18.5 | T | 0.0 | T | 0.0 | 0.0 | 21.5 |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.1 | 12.9 | 9.8 | 2.4 | 0.0 | 0.0 | 0.0 | 25.2 |
| 1978-79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 8.0 | 18.9 | 0.6 | 0.0 | 0.0 | 0.0 | 27.5 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.3 | 6.6 | 3.1 | 0.0 | 0.0 | 0.0 | 10.0 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.2 | 1.7 | T | 0.0 | 0.0 | 0.0 | 2.9 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 4.8 | 3.7 | 1.0 | 0.0 | 0.0 | 0.0 | 9.7 |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.3 | 0.8 | T | 0.0 | 0.0 | 0.0 | 1.5 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 5.3 | 3.7 | T | 0.0 | 0.0 | 0.0 | 9.7 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 9.8 | 8.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.6 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.4 | 2.1 | T | 0.0 | 0.0 | 0.0 | 3.0 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.4 | 1.3 | 1.6 | T | 0.0 | 0.0 | 4.3 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 8.6 | 1.4 | T | 0.0 | 0.0 | 0.0 | 10.0 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | T | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 6.8 |
| 1989-90 | 0.0 | T | 0.0 | T | T | 0.4 | T | T | 0.4 | 0.0 | 0.0 | 0.0 | 0.8 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | T | 0.6 | 1.1 | 0.0 | 0.0 | 0.0 | 2.0 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.3 | T | 5.9 | 2.8 | T | 0.0 | T | 9.0 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.4 | T | 0.3 | 2.3 | 1.0 | T | T | 0.0 | T | 4.0 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.3 | 0.1 | 0.0 | 0.0 | 0.0 | 2.9 |
| 1995-96 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.4 | 6.2 | 7.8 | 9.3 | 0.0 | 0.0 | | |
| 1996-97 | | | | | | | | 0.2 | | | | | |
| 1997-98 | | | | | | | | | | | | | |
| 1998-99 | | | | | | | | | 1.0 | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | 8.4 | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004- | | | | | | | | | | | | | |
| POR= 54 YRS | 0.0 | T | 0.0 | 0.0 | 0.4 | 1.4 | 3.7 | 2.9 | 1.5 | 0.0 | 0.0 | T | 9.9 |

WBAN : 13897

REFERENCE NOTES:

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| <p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1971 - 2000). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p> | <p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
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2004
NASHVILLE,
TENNESSEE (BNA)

The city of Nashville is located on the Cumberland River, in the northwestern corner of the Central Basin of middle Tennessee near the escarpment of the Highland Rim. The Rim, as it is called, rises to the height of 300 to 400 feet above the mean elevation of the basin, forming an amphitheater about the city from the southwest to the southeast, with the south being more or less open but undulating.

Temperatures are moderate, with great extremes of either heat or cold rarely occurring, yet there are changes of sufficient amplitude and frequency to give variety.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is October 29 and the average last occurrence in the spring is April 5.

Humidity is an important phase of climate in relation to bodily health and comfort. The Nashville records show that the average relative humidity is moderate as compared with the general conditions east of the Mississippi River and south of the Ohio.

Nashville is not in the most frequented path of general storms that cross the country, however, it is in the zone of moderate frequency of thunderstorms. The thunderstorm season usually begins in the latter part of March and continues through September.

STATION LOCATION

NASHVILLE, TENNESSEE

| LOCATION | Occupied From | Occupied To | Airline Distances and Directions from previous Location | LATITUDE | | ELEVATION ABOVE | | | | | | | | | | AUTOMATIC OBSERVING EQUIPMENT * | * TYPE M = AMOS T = AUTOB S = ASOS W = AWOS REMARKS |
|-------------------------------------------|---------------|-------------|---------------------------------------------------------|----------|--------|-----------------|--------|-----------------|---------------------|--------------|-----------------|----------------|------------|----------|-------------------|---------------------------------|------------------------------------------------------------------------|
| | | | | NORTH | WEST | GROUND | | | | | | | | | | | |
| | | | | | | SEA LEVEL | GROUND | WIND INSTRUMENT | EXTREME THERMOMETER | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET | RAIN GAUGE | WINDHOLE | 8 INCH RAIN GAUGE | | |
| *NOTE: <u>AIRPORT</u> | | | | | | | | | | | | | | | | | |
| Government Services Bldg. Metropolitan AP | 6/23/75 | 9/29/85 | 500 ft. E | 36°07' | 86°41' | 590 | i25 | | | | 31 | 31 | 31 | 31 | i5 j5 | | i. Not moved 6/23/75. j. Type change 10/18/84. |
| GENESCO Building Metropolitan Airport | 9/29/85 | 06/15/90 | Unknown | 36°07' | 86°41' | 590 | k25 | | | | 103 | 103 | 103 | | k5 | | k. Not moved 9/29/85. |
| Airport State Fire Protection Bldg. | 6/15/90 | 06/01/96 | | 36°07' | 86°41' | 598 | m33 | | | | m8 | m5 | m5 | | 5 | | m. Relocated 6/15/90. |
| Metropolitan Airport | 06/01/96 | Present | NA | 36°07' | 86°41' | n571 | | | | | | | | | | S | n. ASOS Commissioned 06/01/96 Ground elevation. |

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* NOTES: For earlier station history see previous editions.