

2004

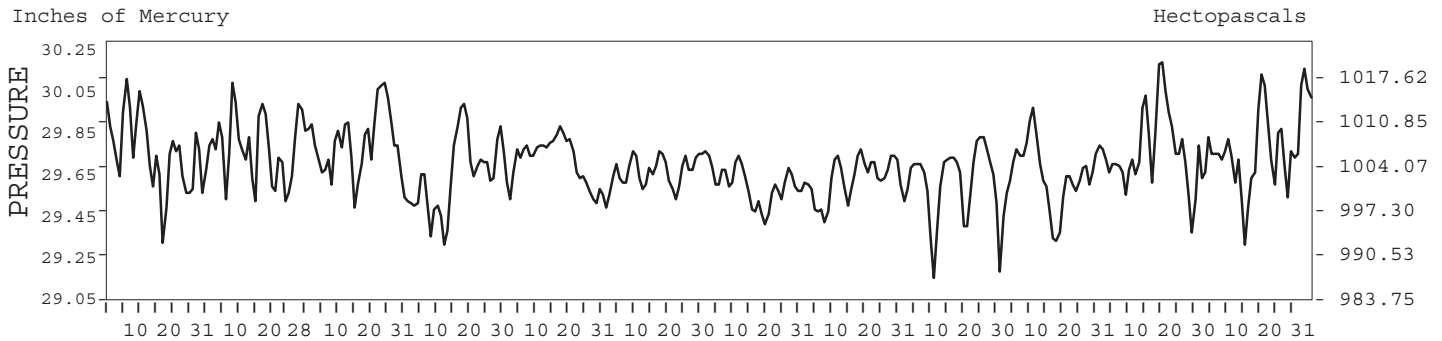
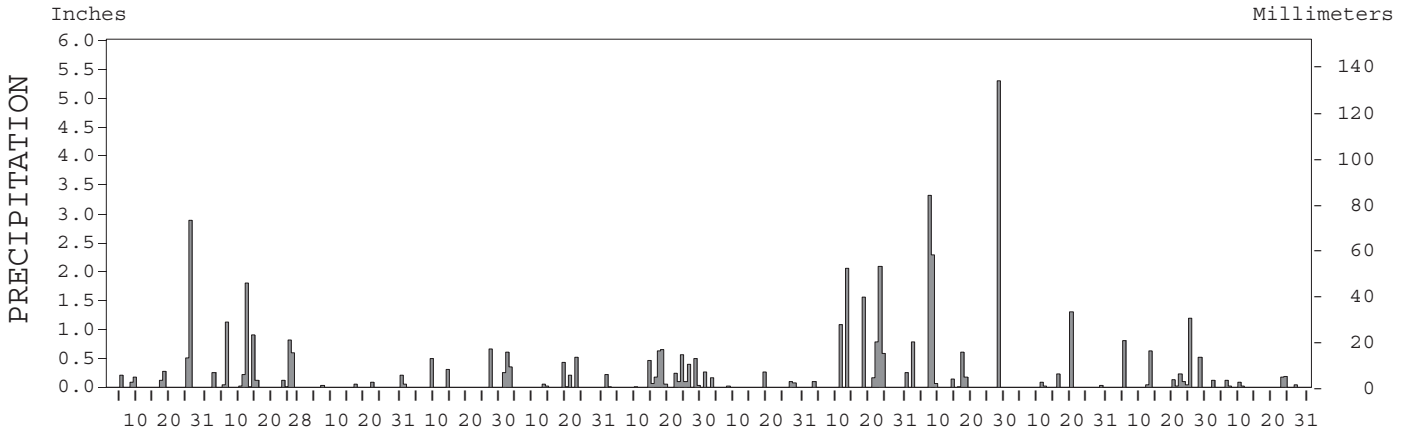
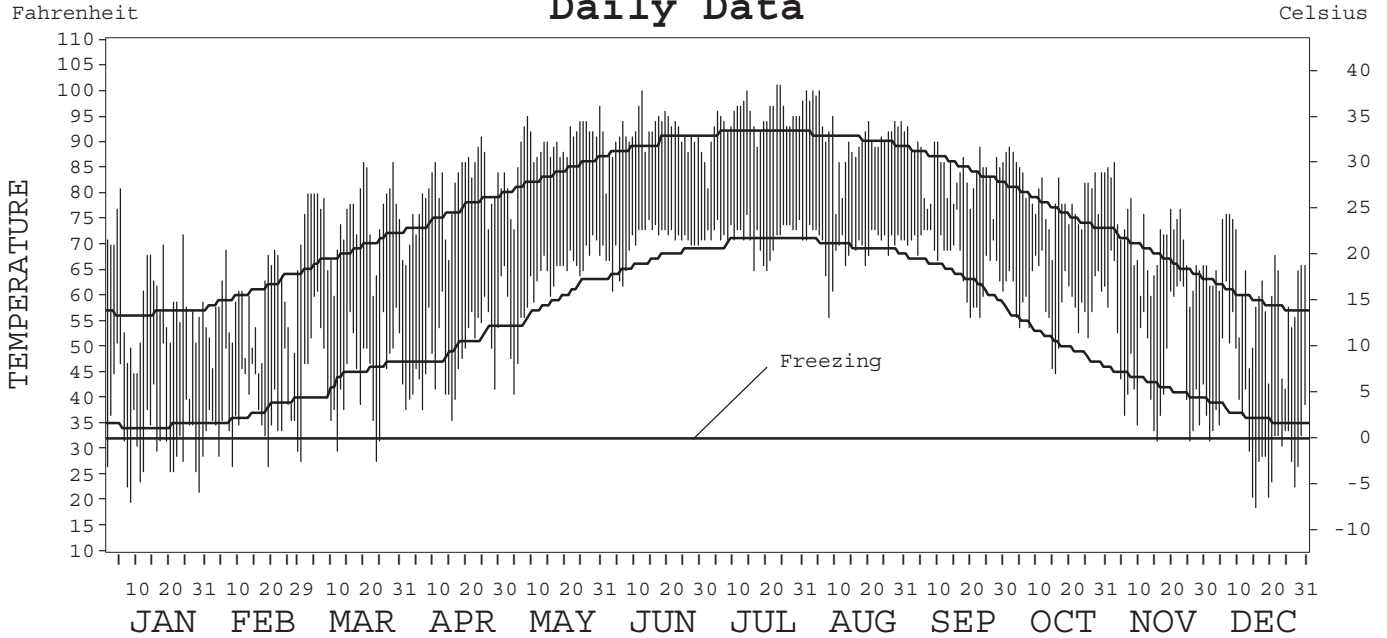
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-1625

MACON,
GEORGIA (MCN)

Daily Data



I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

| | | | |
|---|---|---|---|
| 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

MACON, GA (MCN)

LATITUDE: 32° 41' 16" N LONGITUDE: 83° 39' 16" W ELEVATION (FT): GRND: 356 BARO: 359 TIME ZONE: EASTERN (UTC + 5) WBAN: 03813

| | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 59.2 | 57.6 | 75.1 | 80.1 | 89.0 | 91.5 | 94.5 | 91.3 | 84.3 | 79.9 | 70.8 | 60.9 | 77.8 | |
| | HIGHEST DAILY MAXIMUM | 81 | 70 | 86 | 91 | 97 | 100 | 101 | 100 | 93 | 89 | 86 | 76 | 101 | |
| | DATE OF OCCURRENCE | 05 | 29 | 28+ | 24 | 30 | 12 | 24+ | 05+ | 01 | 02 | 03 | 08+ | JUL 24+ | |
| | MEAN DAILY MINIMUM | 33.1 | 37.2 | 46.4 | 48.6 | 62.9 | 70.3 | 71.5 | 69.6 | 67.0 | 59.0 | 47.5 | 35.0 | 54.0 | |
| | LOWEST DAILY MINIMUM | 20 | 27 | 28 | 36 | 41 | 61 | 65 | 56 | 56 | 45 | 32 | 19 | 19 | |
| | DATE OF OCCURRENCE | 08 | 19+ | 23 | 15 | 04 | 03 | 20+ | 08 | 23+ | 16 | 26+ | 16 | DEC 16 | |
| | AVERAGE DRY BULB | 46.2 | 47.4 | 60.8 | 64.4 | 76.0 | 80.9 | 83.0 | 80.5 | 75.7 | 69.5 | 59.2 | 48.0 | 66.0 | |
| | MEAN WET BULB | 40.7 | 42.4 | 51.7 | 54.6 | 66.8 | 71.8 | 73.3 | 71.2 | 68.5 | 63.5 | 53.4 | 41.9 | 58.3 | |
| | MEAN DEW POINT | 33.0 | 36.0 | 42.4 | 45.7 | 61.5 | 68.5 | 69.0 | 67.2 | 65.0 | 60.3 | 48.5 | 34.4 | 52.6 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM ≥ 90° | 0 | 0 | 0 | 1 | 18 | 24 | 28 | 22 | 4 | 0 | 0 | 0 | 0 | 97 |
| | MAXIMUM ≤ 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | MINIMUM ≤ 32° | 17 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 13 | 40 | |
| MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| H/C | HEATING DEGREE DAYS | 579 | 502 | 157 | 88 | 11 | 0 | 0 | 0 | 12 | 218 | 527 | 2094 | | |
| | COOLING DEGREE DAYS | 0 | 0 | 32 | 74 | 357 | 487 | 566 | 484 | 328 | 159 | 49 | 6 | 2542 | |
| RH | MEAN (PERCENT) | 66 | 69 | 56 | 57 | 65 | 74 | 68 | 70 | 74 | 78 | 72 | 64 | 68 | |
| | HOUR 01 LST | 76 | 77 | 67 | 72 | 79 | 86 | 83 | 82 | 82 | 88 | 84 | 74 | 79 | |
| | HOUR 07 LST | 82 | 81 | 80 | 83 | 86 | 87 | 86 | 85 | 84 | 89 | 83 | 81 | 84 | |
| | HOUR 13 LST | 47 | 55 | 37 | 35 | 46 | 51 | 48 | 50 | 60 | 58 | 53 | 42 | 48 | |
| | HOUR 19 LST | 58 | 62 | 41 | 40 | 53 | 71 | 56 | 61 | 73 | 80 | 73 | 60 | 61 | |
| S | PERCENT POSSIBLE SUNSHINE | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 3 | 0 | 1 | 0 | 3 | 1 | 2 | 2 | 0 | 12 | 8 | 4 | 36 | |
| | THUNDERSTORMS | 1 | 1 | 0 | 1 | 3 | 12 | 5 | 7 | 2 | 1 | 0 | 0 | 33 | |
| 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.) | 29.75 | 29.78 | 29.80 | 29.65 | 29.70 | 29.67 | 29.60 | 29.63 | 29.60 | 29.66 | 29.77 | 29.79 | 29.70 | |
| | MEAN SEA-LEVEL PRESS. (IN.) | | 30.16 | | 30.03 | 30.08 | 30.04 | 29.97 | 30.00 | 29.98 | 30.04 | 30.15 | 30.18 | | |
| WINDS | RESULTANT SPEED (MPH) | 3.3 | 2.6 | 1.9 | 1.0 | 2.4 | 1.4 | 1.1 | 0.3 | 2.4 | 0.9 | 0.9 | 2.7 | 0.6 | |
| | RES. DIR. (TENS OF DEGS.) | 30 | 03 | 25 | 24 | 23 | 25 | 12 | 29 | 06 | 23 | 05 | 29 | 29 | |
| | MEAN SPEED (MPH) | 6.5 | 7.6 | 6.6 | 6.4 | 5.6 | 5.1 | 5.1 | 4.3 | 9.1 | 4.3 | 5.4 | 5.9 | 6.0 | |
| | PREVAIL. DIR. (TENS OF DEGS.) | 28 | 05 | 28 | 28 | 28 | 26 | 28 | 03 | 04 | 26 | 07 | 28 | 28 | |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 23 | 26 | 29 | 28 | 25 | 26 | 25 | 21 | 40 | 25 | 30 | 29 | 40 | |
| | DIR. (TENS OF DEGS.) | 26 | 09 | 34 | 31 | 32 | 28 | 01 | 03 | 09 | 02 | 28 | 30 | 09 | |
| | DATE OF OCCURRENCE | 18 | 25+ | 07+ | 14 | 31 | 21 | 18 | 23+ | 06 | 19 | 24 | 19 | SEP 06 | |
| | MAXIMUM 5-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 31 | 35 | 38 | 36 | 30 | 35 | 30 | 39 | 51 | 30 | 36 | 36 | 51 | |
| DIR. (TENS OF DEGS.) | 24 | 09 | 35 | 28 | 32 | 29 | 01 | 32 | 09 | 02 | 27 | 30 | 09 | | |
| DATE OF OCCURRENCE | 05 | 25 | 07 | 14+ | 31 | 21 | 18 | 22 | 06 | 19 | 24 | 19 | SEP 06 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.23 | 6.01 | 0.42 | 1.70 | 2.41 | 4.19 | 0.60 | 8.63 | 12.66 | 1.66 | 3.68 | 0.75 | 46.94 | |
| | GREATEST 24-HOUR (IN.) | 2.97 | 2.02 | 0.26 | 0.66 | 0.60 | 0.73 | 0.26 | 2.67 | 5.30 | 1.30 | 1.19 | 0.35 | 5.30 | |
| | DATE OF OCCURRENCE | 25-26 | 11-12 | 30-31 | 26 | 01 | 16-17 | 18 | 22-23 | 27 | 19 | 24 | 22-23 | SEP 27 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 7 | 13 | 5 | 4 | 9 | 16 | 5 | 9 | 9 | 5 | 10 | 8 | 100 | | |
| PRECIPITATION ≥ 0.10 | 6 | 9 | 1 | 4 | 6 | 9 | 2 | 8 | 7 | 2 | 6 | 4 | 64 | | |
| PRECIPITATION ≥ 1.00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 1 | 0 | 12 | | |
| 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

MACON, GA (MCN)

LATITUDE: 32° 41' 16" N LONGITUDE: 83° 39' 16" W ELEVATION (FT): GRND: 356 BARO: 359 TIME ZONE: EASTERN (UTC + 5) WBAN: 03813

| ELEMENT | | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|--|--|------|------------|------------|-------|-------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 56.6 | 60.9 | 68.5 | 75.9 | 83.4 | 89.5 | 91.8 | 90.5 | 85.4 | 76.8 | 67.8 | 59.2 | 75.5 |
| | MEAN DAILY MAXIMUM | 48 | 57.1 | 61.3 | 69.0 | 77.5 | 84.9 | 90.0 | 92.4 | 91.3 | 86.3 | 77.7 | 68.6 | 59.8 | 76.3 |
| | HIGHEST DAILY MAXIMUM | 56 | 84 | 85 | 95 | 96 | 99 | 106 | 108 | 105 | 102 | 100 | 88 | 82 | 108 |
| | YEAR OF OCCURRENCE | | 1949 | 1989 | 1949 | 1986 | 1967 | 1954 | 1980 | 1986 | 1980 | 1954 | 1961 | 1972 | JUL 1980 |
| | MEAN OF EXTREME MAXS. | 57 | 74.9 | 76.9 | 83.4 | 88.8 | 94.2 | 98.3 | 99.1 | 98.5 | 95.4 | 89.2 | 82.0 | 76.0 | 88.1 |
| | NORMAL DAILY MINIMUM | 30 | 34.5 | 37.0 | 43.8 | 49.5 | 58.6 | 66.6 | 70.5 | 69.5 | 63.7 | 51.1 | 42.5 | 36.3 | 52.0 |
| | MEAN DAILY MINIMUM | 48 | 35.4 | 37.8 | 44.1 | 51.0 | 60.0 | 67.4 | 71.1 | 70.1 | 64.7 | 52.4 | 43.5 | 36.9 | 52.9 |
| | LOWEST DAILY MINIMUM | 56 | -6 | 9 | 14 | 29 | 40 | 46 | 54 | 55 | 35 | 26 | 10 | 5 | -6 |
| | YEAR OF OCCURRENCE | | 1985 | 1973 | 1980 | 1987 | 1997 | 1972 | 1967 | 1952 | 1967 | 1952 | 1950 | 1962 | JAN 1985 |
| | MEAN OF EXTREME MINS. | 57 | 17.7 | 21.5 | 27.8 | 35.6 | 46.1 | 56.9 | 65.0 | 62.5 | 51.3 | 36.2 | 26.5 | 20.3 | 39.0 |
| | NORMAL DRY BULB | 30 | 45.5 | 48.9 | 56.2 | 62.7 | 71.0 | 78.0 | 81.1 | 80.0 | 74.5 | 63.9 | 55.1 | 47.8 | 63.7 |
| | MEAN DRY BULB | 57 | 46.9 | 50.1 | 56.6 | 64.5 | 72.7 | 79.1 | 81.7 | 81.0 | 75.5 | 65.4 | 55.7 | 48.5 | 64.8 |
| | MEAN WET BULB | 51 | 42.1 | 44.5 | 50.0 | 56.7 | 64.3 | 70.4 | 73.1 | 72.9 | 68.5 | 58.3 | 49.8 | 43.5 | 57.8 |
| | MEAN DEW POINT | 51 | 35.9 | 37.8 | 43.2 | 50.4 | 59.4 | 66.4 | 70.1 | 69.8 | 65.2 | 54.0 | 44.3 | 37.6 | 52.8 |
| NORMAL NO. DAYS WITH: MAXIMUM $\geq 90^\circ$ | 30 | 0.0 | 0.0 | * | 0.8 | 6.1 | 17.7 | 23.1 | 21.6 | 10.9 | 0.9 | 0.0 | 0.0 | 81.1 | |
| MAXIMUM $\leq 32^\circ$ | 30 | 0.2 | 0.1 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.4 | |
| MINIMUM $\leq 32^\circ$ | 30 | 13.3 | 8.8 | 3.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 4.7 | 11.4 | 42.2 | |
| MINIMUM $\leq 0^\circ$ | 30 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 590 | 440 | 279 | 122 | 13 | 0 | 0 | 0 | 4 | 96 | 298 | 522 | 2364 |
| | NORMAL COOLING DEG. DAYS | 30 | 1 | 3 | 21 | 69 | 214 | 406 | 515 | 481 | 305 | 78 | 17 | 5 | 2115 |
| RH | NORMAL (PERCENT) | 30 | 72 | 69 | 68 | 66 | 70 | 72 | 75 | 77 | 77 | 74 | 73 | 73 | 72 |
| | HOUR 01 LST | 30 | 80 | 78 | 78 | 80 | 84 | 86 | 87 | 90 | 90 | 87 | 84 | 82 | 84 |
| | HOUR 07 LST | 30 | 84 | 85 | 87 | 88 | 88 | 89 | 90 | 93 | 94 | 91 | 89 | 86 | 89 |
| | HOUR 13 LST | 30 | 59 | 54 | 53 | 48 | 50 | 53 | 56 | 57 | 58 | 52 | 54 | 58 | 54 |
| | HOUR 19 LST | 30 | 66 | 58 | 56 | 53 | 57 | 62 | 66 | 69 | 71 | 69 | 69 | 68 | 64 |
| S | PERCENT POSSIBLE SUNSHINE | 48 | 55 | 59 | 64 | 72 | 72 | 71 | 68 | 72 | 68 | 70 | 65 | 58 | 66 |
| W/O | MEAN NO. DAYS WITH: HEAVY FOG (VIS \leq 1/4 MI) | 56 | 3.7 | 2.9 | 2.1 | 1.3 | 1.1 | 1.1 | 1.3 | 2.0 | 2.2 | 2.1 | 3.5 | 3.8 | 27.1 |
| | THUNDERSTORMS | 56 | 1.4 | 1.9 | 3.3 | 3.8 | 6.1 | 8.8 | 12.8 | 8.9 | 3.4 | 0.9 | 1.1 | 0.9 | 53.3 |
| CLOUDINESS | MEAN: SUNRISE-SUNSET (OKTAS) | 1 | | | | | 2.8 | 4.8 | 6.4 | 4.8 | | 5.6 | | 5.6 | |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 1 | | | | | 3.2 | 4.8 | 6.4 | 4.0 | | | | | |
| | MEAN NO. DAYS WITH: CLEAR | 1 | 2.5 | 4.0 | 8.0 | | 15.0 | 10.0 | 1.0 | 7.0 | 3.0 | 4.0 | 1.0 | 7.0 | |
| | PARTLY CLOUDY CLOUDY | 1 | 1.0 4.0 | 2.0 2.0 | | | 4.0 2.0 | 5.0 2.0 | 2.0 1.0 | 1.0 6.0 | 8.0 4.0 | 2.0 4.0 | 1.0 1.0 | 1.0 6.0 | |
| PR | MEAN STATION PRESSURE (IN) | 30 | 29.76 | 29.71 | 29.66 | 29.64 | 29.62 | 29.63 | 29.66 | 29.67 | 29.67 | 29.71 | 29.74 | 29.76 | 29.69 |
| | MEAN SEA-LEVEL PRES. (IN) | 48 | 30.15 | 30.10 | 30.05 | 30.03 | 30.00 | 30.00 | 30.04 | 30.02 | 30.04 | 30.08 | 30.12 | 30.15 | 30.06 |
| WINDS | MEAN SPEED (MPH) | 44 | 7.9 | 8.3 | 8.7 | 8.2 | 7.3 | 7.0 | 6.6 | 6.2 | 6.8 | 6.5 | 6.9 | 7.5 | 7.3 |
| | PREVAIL. DIR (TENS OF DEGS) | 30 | 30 | 30 | 30 | 30 | 27 | 27 | 27 | 05 | 06 | 06 | 30 | 30 | 30 |
| | MAXIMUM 2-MINUTE: SPEED (MPH) | 10 | 37 | 37 | 35 | 45 | 47 | 44 | 40 | 38 | 40 | 33 | 40 | 34 | 47 |
| | DIR. (TENS OF DEGS) | | 32 | 15 | 07 | 33 | 31 | 27 | 28 | 12 | 09 | 18 | 30 | 26 | 31 |
| | YEAR OF OCCURRENCE | | 1995 | 1996 | 2001 | 1996 | 1995 | 1998 | 2000 | 1995 | 2004 | 1995 | 1995 | 2000 | MAY 1995 |
| | MAXIMUM 5-SECOND: SPEED (MPH) | 10 | 46 | 44 | 44 | 72 | 64 | 55 | 53 | 51 | 51 | 45 | 54 | 45 | 72 |
| DIR. (TENS OF DEGS) | | 32 | 21 | 07 | 33 | 30 | 28 | 28 | 12 | 09 | 18 | 25 | 26 | 33 | |
| YEAR OF OCCURRENCE | | 1995 | 2000 | 2001 | 1996 | 1995 | 1998 | 2000 | 1995 | 2004 | 1995 | 1996 | 2000 | APR 1996 | |
| PRECIPITATION | NORMAL (IN) | 30 | 5.00 | 4.55 | 4.90 | 3.14 | 2.98 | 3.54 | 4.32 | 3.79 | 3.26 | 2.37 | 3.22 | 3.93 | 45.00 |
| | MAXIMUM MONTHLY (IN) | 56 | 10.87 | 9.32 | 11.90 | 8.42 | 11.77 | 9.75 | 18.16 | 8.63 | 12.66 | 9.39 | 10.27 | 10.39 | 18.16 |
| | YEAR OF OCCURRENCE | | 1991 | 1983 | 1980 | 1964 | 1957 | 2003 | 1994 | 1991 | 2004 | 1959 | 1992 | 1972 | JUL 1994 |
| | MINIMUM MONTHLY (IN) | 56 | 0.69 | 0.37 | 0.42 | 0.11 | 0.32 | 0.89 | 0.37 | 1.13 | 0.35 | 0.00 | 0.43 | 0.58 | 0.00 |
| | YEAR OF OCCURRENCE | | 1954 | 2000 | 2004 | 1986 | 1956 | 1988 | 1986 | 1980 | 1984 | 1963 | 1956 | 1955 | OCT 1963 |
| | MAXIMUM IN 24 HOURS (IN) | 56 | 5.07 | 5.17 | 4.34 | 3.65 | 5.37 | 4.97 | 10.60 | 3.06 | 5.30 | 5.35 | 3.14 | 4.50 | 10.60 |
| | YEAR OF OCCURRENCE | | 1991 | 1981 | 1991 | 1955 | 1976 | 1965 | 1994 | 2003 | 2004 | 1970 | 1992 | 1972 | JUL 1994 |
| NORMAL NO. DAYS WITH: PRECIPITATION \geq 0.01 | 30 | 11.2 | 8.9 | 9.9 | 7.3 | 8.6 | 9.6 | 11.7 | 10.1 | 8.0 | 5.7 | 8.1 | 9.1 | 108.2 | |
| PRECIPITATION \geq 1.00 | 30 | 1.4 | 1.5 | 1.3 | 0.9 | 0.6 | 0.9 | 1.1 | 1.1 | 0.9 | 0.7 | 1.1 | 1.3 | 12.8 | |
| SNOWFALL | NORMAL (IN) | 30 | 0.6 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.6 |
| | MAXIMUM MONTHLY (IN) | 48 | 3.7 | 16.5 | 2.6 | 0.0 | T | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.2 | 1.6 | 16.5 |
| | YEAR OF OCCURRENCE | | 1955 | 1973 | 1993 | | 1993 | | 1993 | | | | 1950 | 1993 | FEB 1973 |
| | MAXIMUM IN 24 HOURS (IN) | 48 | 3.7 | 16.5 | 2.6 | 0.0 | T | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.2 | 1.6 | 16.5 |
| | YEAR OF OCCURRENCE | | 1955 | 1973 | 1993 | | 1993 | | 1993 | | | | 1950 | 1993 | FEB 1973 |
| | MAXIMUM SNOW DEPTH (IN) | 45 | 2 | 12 | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | T | T | 12 |
| YEAR OF OCCURRENCE | | 1988 | 1973 | 1987 | | | | | | | | 1950 | 1989 | FEB 1973 | |
| NORMAL NO. DAYS WITH: SNOWFALL \geq 1.0 | 30 | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | |

PRECIPITATION (inches) 2004 MACON, GA (MCN)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|--------|
| 1975 | 6.09 | 6.90 | 6.66 | 4.90 | 4.68 | 3.83 | 5.84 | 2.17 | 4.71 | 3.53 | 2.26 | 3.91 | 55.48 |
| 1976 | 3.72 | 0.59 | 4.81 | 1.94 | 8.25 | 3.05 | 1.95 | 3.69 | 6.74 | 3.88 | 3.52 | 4.20 | 46.34 |
| 1977 | 3.72 | 2.02 | 7.89 | 1.28 | 1.55 | 1.12 | 5.04 | 2.96 | 3.34 | 1.67 | 3.38 | 3.80 | 37.77 |
| 1978 | 7.48 | 1.87 | 3.79 | 4.42 | 3.89 | 4.16 | 2.14 | 4.45 | 1.41 | 0.20 | 2.07 | 2.21 | 38.09 |
| 1979 | 5.74 | 8.46 | 3.73 | 6.85 | 3.76 | 2.54 | 5.70 | 4.18 | 6.10 | 0.40 | 3.37 | 1.88 | 52.71 |
| 1980 | 3.27 | 2.43 | 11.90 | 2.54 | 2.79 | 2.03 | 4.14 | 1.13 | 5.04 | 1.27 | 1.37 | 0.60 | 38.51 |
| 1981 | 0.97 | 8.27 | 3.44 | 4.18 | 0.95 | 7.54 | 3.19 | 3.58 | 1.69 | 4.51 | 1.11 | 8.66 | 48.09 |
| 1982 | 4.25 | 5.88 | 2.10 | 6.92 | 3.92 | 2.69 | 5.77 | 2.49 | 3.00 | 0.71 | 4.16 | 6.85 | 48.74 |
| 1983 | 4.57 | 9.32 | 5.95 | 3.85 | 1.44 | 5.69 | 2.06 | 2.98 | 1.93 | 0.83 | 6.96 | 5.52 | 51.10 |
| 1984 | 5.17 | 3.62 | 4.72 | 2.97 | 6.41 | 1.53 | 13.60 | 1.52 | 0.35 | 0.66 | 1.45 | 2.01 | 44.01 |
| 1985 | 2.17 | 5.74 | 1.20 | 1.19 | 3.78 | 1.36 | 5.93 | 2.50 | 1.79 | 3.58 | 3.70 | 2.98 | 35.92 |
| 1986 | 1.69 | 4.04 | 2.97 | 0.11 | 2.36 | 2.21 | 0.37 | 6.61 | 5.43 | 2.32 | 6.70 | 3.68 | 38.49 |
| 1987 | 6.92 | 7.01 | 4.25 | 0.68 | 2.78 | 5.10 | 1.38 | 3.21 | 1.50 | 0.05 | 3.36 | 1.88 | 38.12 |
| 1988 | 5.46 | 2.43 | 3.21 | 5.22 | 2.39 | 0.89 | 3.43 | 6.75 | 6.05 | 3.74 | 1.83 | 2.27 | 43.67 |
| 1989 | 1.85 | 4.58 | 4.92 | 5.61 | 4.38 | 5.03 | 6.21 | 2.34 | 2.41 | 2.28 | 3.01 | 8.85 | 51.47 |
| 1990 | 4.59 | 3.48 | 4.55 | 2.08 | 2.29 | 0.95 | 3.83 | 1.22 | 1.84 | 6.31 | 1.33 | 3.52 | 35.99 |
| 1991 | 10.87 | 1.74 | 10.01 | 4.29 | 2.52 | 4.11 | 4.77 | 8.63 | 0.68 | 0.31 | 0.63 | 3.62 | 52.18 |
| 1992 | 5.99 | 4.49 | 3.59 | 1.97 | 1.14 | 5.49 | 9.88 | 6.32 | 2.83 | 2.86 | 10.27 | 3.20 | 58.03 |
| 1993 | 5.46 | 4.21 | 10.32 | 1.91 | 2.69 | 3.30 | 2.19 | 5.95 | 1.29 | 6.37 | 2.93 | 2.84 | 49.46 |
| 1994 | 3.80 | 4.48 | 6.10 | 1.56 | 2.28 | 5.01 | 18.16 | 4.88 | 1.69 | 7.36 | 2.62 | 2.75 | 60.69 |
| 1995 | 4.26 | 7.01 | 2.19 | 1.22 | 1.55 | 4.26 | 6.41 | 2.33 | 2.42 | 4.41 | 1.90 | 4.04 | 42.00 |
| 1996 | 5.76 | 3.00 | 6.27 | 2.76 | 2.99 | 1.91 | 2.83 | 2.48 | 2.54 | 2.49 | 2.80 | 3.23 | 39.06 |
| 1997 | 5.55 | 5.02 | 1.23 | 2.86 | 4.30 | 1.63 | 1.41 | 1.96 | 3.54 | 3.67 | 7.63 | 7.28 | 46.08 |
| 1998 | 5.33 | 6.62 | 5.14 | 7.04 | 0.86 | 2.93 | 3.21 | 1.61 | 7.44 | 0.94 | 0.62 | 1.53 | 43.27 |
| 1999 | 6.33 | 1.82 | 2.55 | 0.89 | 0.73 | 5.96 | 4.30 | 3.23 | 3.35 | 2.91 | 2.20 | 1.80 | 36.07 |
| 2000 | 5.21 | 0.37 | 5.19 | 0.68 | 0.59 | 2.86 | 1.98 | 5.49 | 10.51 | 1.08 | 4.24 | 3.10 | 41.30 |
| 2001 | 2.58 | 1.16 | 9.83 | 3.08 | 5.95 | 5.82 | 6.82 | 1.19 | 6.60 | 0.12 | 2.48 | 1.58 | 47.21 |
| 2002 | 2.94 | 3.11 | 4.53 | 3.10 | 2.51 | 1.91 | 2.53 | 2.73 | 3.32 | 4.80 | 4.28 | 5.39 | 41.15 |
| 2003 | 1.44 | 5.17 | 8.07 | 4.24 | 5.81 | 9.75 | 6.63 | 6.23 | 1.64 | 1.92 | 2.13 | 1.85 | 54.88 |
| 2004 | 4.23 | 6.01 | 0.42 | 1.70 | 2.41 | 4.19 | 0.60 | 8.63 | 12.66 | 1.66 | 3.68 | 0.75 | 46.94 |
| POR= 105 YRS | 4.09 | 4.44 | 4.93 | 3.46 | 3.20 | 3.71 | 4.97 | 4.11 | 3.25 | 2.36 | 2.73 | 3.92 | 45.17 |

WBAN : 03813

AVERAGE TEMPERATURE (°F) 2004 MACON, GA (MCN)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1975 | 51.2 | 52.9 | 55.6 | 63.7 | 73.9 | 77.3 | 78.2 | 80.1 | 73.1 | 66.6 | 56.8 | 47.4 | 64.7 |
| 1976 | 43.5 | 54.9 | 60.4 | 65.0 | 69.0 | 76.5 | 81.4 | 79.6 | 74.7 | 61.5 | 49.7 | 45.6 | 63.5 |
| 1977 | 36.8 | 46.6 | 59.8 | 67.3 | 74.3 | 82.1 | 83.2 | 81.3 | 78.1 | 62.2 | 58.7 | 47.1 | 64.8 |
| 1978 | 40.5 | 42.7 | 54.7 | 65.6 | 72.3 | 80.9 | 82.2 | 81.0 | 78.3 | 65.0 | 61.1 | 50.0 | 64.5 |
| 1979 | 42.9 | 45.5 | 58.1 | 64.6 | 71.3 | 77.3 | 81.0 | 81.3 | 75.1 | 65.1 | 58.6 | 50.0 | 64.2 |
| 1980 | 50.6 | 46.7 | 54.7 | 64.1 | 73.2 | 80.6 | 84.8 | 84.6 | 80.6 | 64.6 | 55.6 | 48.8 | 65.7 |
| 1981 | 43.3 | 52.3 | 56.2 | 68.8 | 70.5 | 82.6 | 83.2 | 78.1 | 74.6 | 63.2 | 56.3 | 46.4 | 64.6 |
| 1982 | 44.2 | 52.6 | 60.4 | 62.1 | 73.6 | 79.2 | 81.9 | 80.8 | 75.0 | 66.8 | 58.6 | 56.0 | 65.9 |
| 1983 | 44.9 | 49.1 | 56.2 | 60.9 | 73.3 | 78.7 | 84.0 | 83.9 | 74.2 | 67.2 | 55.7 | 45.8 | 64.5 |
| 1984 | 44.4 | 51.5 | 56.6 | 64.4 | 71.5 | 79.5 | 80.3 | 82.1 | 73.2 | 72.1 | 54.2 | 56.0 | 65.5 |
| 1985 | 41.1 | 48.9 | 58.6 | 65.0 | 72.9 | 81.0 | 81.4 | 80.0 | 74.3 | 69.8 | 64.2 | 44.5 | 65.1 |
| 1986 | 44.7 | 53.2 | 57.1 | 64.9 | 73.8 | 82.1 | 86.6 | 80.1 | 77.6 | 66.4 | 61.7 | 49.0 | 66.4 |
| 1987 | 45.5 | 48.7 | 56.0 | 62.3 | 75.0 | 79.1 | 82.2 | 84.2 | 75.3 | 58.4 | 57.4 | 52.0 | 64.7 |
| 1988 | 42.2 | 47.1 | 56.4 | 63.9 | 69.8 | 78.7 | 81.3 | 82.2 | 75.8 | 61.2 | 57.7 | 48.2 | 63.7 |
| 1989 | 51.7 | 51.1 | 59.2 | 63.3 | 70.0 | 78.7 | 80.4 | 80.9 | 75.0 | 64.3 | 55.9 | 41.4 | 64.3 |
| 1990 | 52.0 | 56.3 | 59.7 | 62.9 | 72.0 | 81.0 | 82.7 | 83.1 | 78.0 | 66.7 | 56.9 | 52.8 | 67.0 |
| 1991 | 47.9 | 53.4 | 59.7 | 68.1 | 75.4 | 78.1 | 82.3 | 80.3 | 75.6 | 66.0 | 53.5 | 51.6 | 66.0 |
| 1992 | 47.3 | 52.7 | 55.7 | 61.8 | 69.6 | 77.5 | 82.4 | 78.7 | 75.6 | 62.7 | 55.2 | 47.5 | 63.9 |
| 1993 | 50.6 | 47.3 | 53.8 | 60.0 | 71.5 | 80.5 | 85.7 | 82.0 | 77.5 | 64.4 | 54.5 | 45.6 | 64.5 |
| 1994 | 42.8 | 52.0 | 59.5 | 67.8 | 69.1 | 78.6 | 79.1 | 77.8 | 73.0 | 63.8 | 58.1 | 50.8 | 64.4 |
| 1995 | 47.2 | 48.7 | 58.9 | 64.3 | 74.4 | 76.1 | 82.7 | 81.5 | 73.4 | 65.3 | 50.9 | 45.7 | 64.1 |
| 1996 | 45.9 | 49.2 | 51.7 | 61.2 | 73.8 | 77.4 | 81.2 | 78.9 | 74.4 | 62.8 | 53.0 | 49.1 | 63.2 |
| 1997 | 48.1 | 51.9 | 62.7 | 60.0 | 67.8 | 74.2 | 81.2 | 78.8 | 75.0 | 64.2 | 51.3 | 46.5 | 63.5 |
| 1998 | 49.0 | 50.5 | 54.0 | 62.1 | 74.8 | 82.0 | 84.2 | 80.5 | 76.4 | 66.7 | 59.8 | 52.8 | 66.1 |
| 1999 | 49.5 | 52.0 | 53.7 | 67.0 | 70.8 | 77.8 | 80.9 | 83.7 | 73.4 | 65.1 | 56.9 | 48.0 | 64.9 |
| 2000 | 45.8 | 51.9 | 58.9 | 60.3 | 75.2 | 79.2 | 81.6 | 80.5 | 72.8 | 63.9 | 53.8 | 39.3 | 63.6 |
| 2001 | 44.3 | 54.2 | 53.4 | 64.5 | 71.0 | 76.8 | 80.4 | 80.1 | 72.9 | 61.4 | 59.8 | 52.1 | 64.2 |
| 2002 | 49.2 | 47.4 | 57.7 | 67.0 | 70.6 | 78.7 | 82.3 | 80.9 | 77.3 | 68.0 | 52.5 | 45.5 | 64.8 |
| 2003 | 43.2 | 49.4 | 59.2 | 63.8 | 73.2 | 78.1 | 81.1 | 81.6 | 74.9 | 66.3 | 60.2 | 44.9 | 64.7 |
| 2004 | 46.2 | 47.4 | 60.8 | 64.4 | 76.0 | 80.9 | 83.0 | 80.5 | 75.7 | 69.5 | 59.2 | 48.0 | 66.0 |
| POR= 105 YRS | 47.3 | 49.7 | 56.8 | 64.3 | 72.3 | 79.0 | 81.1 | 80.4 | 75.7 | 65.2 | 55.5 | 48.3 | 64.6 |

HEATING DEGREE DAYS (base 65°F) 2004 MACON, GA (MCN)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1975-76 | 0 | 0 | 10 | 57 | 280 | 537 | 658 | 290 | 168 | 62 | 17 | 0 | 2079 |
| 1976-77 | 0 | 0 | 0 | 163 | 455 | 593 | 867 | 506 | 190 | 52 | 0 | 0 | 2826 |
| 1977-78 | 0 | 0 | 0 | 121 | 202 | 554 | 754 | 617 | 321 | 62 | 12 | 0 | 2643 |
| 1978-79 | 0 | 0 | 0 | 70 | 130 | 467 | 675 | 541 | 226 | 62 | 7 | 0 | 2178 |
| 1979-80 | 0 | 0 | 3 | 79 | 221 | 461 | 441 | 534 | 321 | 70 | 3 | 0 | 2133 |
| 1980-81 | 0 | 0 | 2 | 79 | 284 | 493 | 667 | 349 | 279 | 22 | 6 | 0 | 2181 |
| 1981-82 | 0 | 0 | 6 | 106 | 268 | 570 | 639 | 344 | 191 | 129 | 2 | 0 | 2255 |
| 1982-83 | 0 | 0 | 3 | 85 | 215 | 310 | 618 | 437 | 281 | 149 | 1 | 0 | 2099 |
| 1983-84 | 0 | 0 | 14 | 39 | 284 | 591 | 631 | 386 | 270 | 94 | 18 | 0 | 2327 |
| 1984-85 | 0 | 0 | 4 | 23 | 327 | 276 | 737 | 448 | 215 | 87 | 6 | 0 | 2123 |
| 1985-86 | 0 | 0 | 7 | 41 | 94 | 625 | 620 | 330 | 253 | 87 | 2 | 0 | 2059 |
| 1986-87 | 0 | 8 | 0 | 93 | 162 | 491 | 597 | 451 | 285 | 143 | 2 | 0 | 2232 |
| 1987-88 | 0 | 0 | 0 | 202 | 240 | 406 | 700 | 515 | 272 | 87 | 5 | 0 | 2427 |
| 1988-89 | 0 | 0 | 0 | 152 | 216 | 513 | 407 | 400 | 229 | 148 | 31 | 0 | 2096 |
| 1989-90 | 0 | 0 | 15 | 115 | 280 | 724 | 398 | 250 | 192 | 119 | 10 | 0 | 2103 |
| 1990-91 | 0 | 0 | 6 | 96 | 243 | 378 | 522 | 325 | 201 | 32 | 2 | 0 | 1805 |
| 1991-92 | 0 | 0 | 0 | 58 | 359 | 429 | 541 | 354 | 302 | 151 | 30 | 0 | 2224 |
| 1992-93 | 0 | 0 | 6 | 88 | 307 | 534 | 441 | 487 | 351 | 164 | 9 | 0 | 2387 |
| 1993-94 | 0 | 0 | 3 | 109 | 335 | 597 | 679 | 364 | 197 | 48 | 25 | 0 | 2357 |
| 1994-95 | 0 | 0 | 0 | 83 | 212 | 435 | 545 | 447 | 197 | 77 | 11 | 0 | 2007 |
| 1995-96 | 0 | 0 | 12 | 85 | 430 | 594 | 585 | 455 | 406 | 157 | 13 | 0 | 2737 |
| 1996-97 | 0 | 0 | 0 | 115 | 362 | 488 | 517 | 372 | 119 | 166 | 33 | 0 | 2172 |
| 1997-98 | 0 | 0 | 0 | 110 | 406 | 568 | 498 | 398 | 352 | 115 | 1 | 0 | 2448 |
| 1998-99 | 0 | 0 | 0 | 56 | 170 | 383 | 475 | 361 | 343 | 74 | 12 | 0 | 1874 |
| 1999-00 | 0 | 0 | 4 | 94 | 240 | 521 | 589 | 372 | 191 | 154 | 1 | 0 | 2166 |
| 2000-01 | 0 | 0 | 8 | 77 | 353 | 790 | 632 | 302 | 356 | 96 | 1 | 0 | 2615 |
| 2001-02 | 0 | 0 | 13 | 155 | 179 | 397 | 487 | 487 | 259 | 46 | 33 | 0 | 2056 |
| 2002-03 | 0 | 0 | 0 | 58 | 381 | 597 | 668 | 431 | 189 | 81 | 0 | 0 | 2405 |
| 2003-04 | 0 | 0 | 7 | 35 | 197 | 617 | 579 | 502 | 157 | 88 | 11 | 0 | 2193 |
| 2004- | 0 | 0 | 0 | 12 | 218 | 527 | | | | | | | |

WBAN : 03813

COOLING DEGREE DAYS (base 65°F) 2004 MACON, GA (MCN)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1975 | 3 | 5 | 25 | 80 | 282 | 377 | 415 | 476 | 261 | 113 | 40 | 0 | 2077 |
| 1976 | 0 | 4 | 28 | 70 | 148 | 347 | 514 | 457 | 297 | 63 | 0 | 0 | 1928 |
| 1977 | 0 | 0 | 34 | 127 | 296 | 520 | 573 | 512 | 397 | 40 | 18 | 4 | 2521 |
| 1978 | 0 | 0 | 9 | 87 | 244 | 481 | 544 | 504 | 405 | 76 | 22 | 8 | 2380 |
| 1979 | 0 | 1 | 18 | 57 | 210 | 375 | 505 | 514 | 312 | 86 | 33 | 4 | 2115 |
| 1980 | 0 | 7 | 8 | 54 | 264 | 473 | 622 | 615 | 476 | 76 | 6 | 0 | 2601 |
| 1981 | 0 | 2 | 15 | 142 | 184 | 534 | 574 | 414 | 301 | 56 | 16 | 2 | 2240 |
| 1982 | 4 | 4 | 57 | 48 | 275 | 431 | 532 | 495 | 308 | 149 | 31 | 37 | 2371 |
| 1983 | 0 | 0 | 16 | 33 | 265 | 418 | 594 | 594 | 298 | 112 | 7 | 3 | 2340 |
| 1984 | 0 | 0 | 17 | 83 | 226 | 442 | 482 | 536 | 259 | 250 | 11 | 2 | 2308 |
| 1985 | 5 | 2 | 24 | 94 | 261 | 487 | 516 | 470 | 293 | 195 | 76 | 0 | 2423 |
| 1986 | 0 | 5 | 16 | 92 | 284 | 519 | 673 | 485 | 385 | 144 | 73 | 1 | 2677 |
| 1987 | 0 | 0 | 14 | 70 | 317 | 430 | 540 | 601 | 312 | 6 | 19 | 10 | 2319 |
| 1988 | 1 | 2 | 10 | 58 | 162 | 416 | 516 | 542 | 333 | 42 | 5 | 2 | 2089 |
| 1989 | 2 | 16 | 57 | 101 | 192 | 419 | 486 | 499 | 323 | 101 | 12 | 0 | 2208 |
| 1990 | 2 | 11 | 29 | 61 | 235 | 485 | 553 | 568 | 403 | 157 | 9 | 7 | 2520 |
| 1991 | 0 | 7 | 44 | 132 | 333 | 400 | 546 | 483 | 325 | 97 | 21 | 20 | 2408 |
| 1992 | 0 | 4 | 22 | 63 | 176 | 381 | 548 | 431 | 329 | 25 | 22 | 0 | 2001 |
| 1993 | 0 | 0 | 11 | 22 | 216 | 473 | 647 | 534 | 384 | 97 | 26 | 0 | 2410 |
| 1994 | 0 | 8 | 31 | 137 | 154 | 417 | 443 | 404 | 249 | 54 | 12 | 2 | 1911 |
| 1995 | 0 | 0 | 17 | 65 | 310 | 341 | 556 | 522 | 270 | 105 | 13 | 2 | 2201 |
| 1996 | 1 | 1 | 1 | 51 | 293 | 377 | 512 | 439 | 288 | 55 | 11 | 1 | 2030 |
| 1997 | 0 | 12 | 56 | 24 | 125 | 282 | 511 | 436 | 304 | 93 | 0 | 0 | 1843 |
| 1998 | 6 | 1 | 18 | 35 | 309 | 517 | 598 | 490 | 349 | 114 | 21 | 10 | 2468 |
| 1999 | 2 | 3 | 0 | 142 | 199 | 392 | 500 | 589 | 261 | 104 | 5 | 0 | 2197 |
| 2000 | 0 | 0 | 8 | 20 | 326 | 433 | 524 | 487 | 250 | 50 | 25 | 0 | 2123 |
| 2001 | 0 | 7 | 2 | 88 | 192 | 363 | 485 | 476 | 258 | 51 | 28 | 3 | 1953 |
| 2002 | 5 | 0 | 40 | 110 | 216 | 418 | 540 | 499 | 376 | 156 | 11 | 0 | 2371 |
| 2003 | 0 | 0 | 17 | 51 | 263 | 399 | 505 | 519 | 310 | 82 | 63 | 0 | 2209 |
| 2004 | 0 | 0 | 32 | 74 | 357 | 487 | 566 | 484 | 328 | 159 | 49 | 6 | 2542 |

SNOWFALL (inches) 2004 MACON, GA (MCN)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1975-76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1976-77 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.2 | T | 0.0 | 0.0 | 0.0 | 0.2 |
| 1978-79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.1 | 0.0 | 0.0 | 0.0 | 1.5 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 | T | 0.0 | 0.0 | 0.0 | 2.2 |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | T | T | 0.0 | 0.0 | 0.0 | 1.4 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | T | 0.0 | 0.0 | 0.0 | T |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | T | 0.0 | 0.2 |
| 1989-90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | T | 0.0 | 2.6 |
| 1993-94 | T | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1995-96 | | 0.0 | 0.0 | 0.0 | T | 0.0 | T | T | 0.0 | 0.0 | 0.0 | | |
| 1996-97 | | | | | | | | | | | | | |
| 1997-98 | | | | | | | | | | | | | |
| 1998-99 | | | | | | | | | | | | | |
| 1999-00 | | | | | | | | | | | | | |
| 2000-01 | | | | | | | | | | | | | |
| 2001-02 | | | | | | | | | | | | | |
| 2002-03 | | | | | | | | | | | | | |
| 2003-04 | | | | | | | | | | | | | |
| 2004- | | | | | | | | | | | | | |
| POR= 47 YRS | T | 0.0 | 0.0 | 0.0 | T | T | T | T | 0.1 | 0.0 | T | 0.0 | 0.1 |

WBAN : 03813

REFERENCE NOTES:

| | |
|--|---|
| <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> |
|--|---|

2004
MACON,
GEORGIA (MCN)

Located very near the geographical center of Georgia, Macon is well situated to escape rigorous climatic extremes. The climate is a blend of the maritime and continental types. Rarely does either dominate for long unbroken periods. The prevailing northwesterly winds of winter and early spring are frequently superseded by southerly flows of warm, moist tropical air. The southern extremity of the Appalachians presents an effective barrier to the rapid flow of cold air in winter. In summertime the prevailing southerlies frequently give way to the drier westerly and northerly winds. In short, the climate is truly equable.

Severe storms occur occasionally in this locality. Tornadoes occur, about twice each year within the area covered by Bibb and adjacent counties. Thunderstorms occur on approximately two days out of five from June through August. Occasionally, thunderstorms are accompanied by severe squalls, but property damage from this cause has been heavy in only a few instances. As Macon is some 200 miles from both the Atlantic and the Gulf of Mexico, hurricanes offer no direct threat, and secondary effects are generally milder than those produced by the heavier thunderstorms. Property damage of a minor nature occurs occasionally due to gale force winds and heavy rainfall.

Snow occurs at some time during most winters, but amounts of snow are usually quite small. However, on rare occasions heavy snow does occur in this area.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is November 8 and the average last occurrence in the spring is March 17.

The National Weather Service Office is surrounded by predominantly flat terrain. Flanking the station on the west, a range of wooded hills about 300 feet in height runs in a general northwest-southeast direction. The nearest point of these hills is about 2 1/2 miles to the southwest. Most of the countryside is well wooded, except for a few farms. Much of the outlying area is swampy, especially in the river and creek bottoms. Besides the swamps, the only bodies of water in the vicinity are the Ocmulgee River, Echeconnee Creek, and Tobesofkee Creek. These have little influence on the climate, except that when other conditions are favorable, they contribute to the formation of fog.

STATION LOCATION

MACON, GEORGIA

| LOCATION | Occupied From | Occupied To | Airline Distances and Directions from previous Location | LATITUDE NORTH | LONGITUDE WEST | ELEVATION ABOVE | | | | | | | | | | AUTOMATIC OBSERVING EQUIPMENT * | * TYPE | REMARKS |
|---|---------------|-------------|---|----------------|----------------|-----------------|-----------------|---------------------|--------------|-----------------|---------------|--------------------|------------------|------------|----|---------------------------------|--------|---|
| | | | | | | GROUND | | | | | | | | | | | | |
| | | | | | | SEA LEVEL | WIND INSTRUMENT | EXTREME THERMOMETER | PSYCHROMETER | SUNSHINE SWITCH | TIPPING GAUGE | WEIGHING RAIN GAGE | 8 INCH RAIN GAGE | HYGROMETER | | | | |
| *NOTE: | | | | | | | | | | | | | | | | | | |
| <u>AIRPORT</u> | | | | | | | | | | | | | | | | | | |
| Herbert Smart Municipal Airport, Administration Building | 9/20/38 | 12/1/48 | | 32°50' | 83°34' | 428 | 26 | 5 | 5 | | | | | | 4 | | | |
| Administration Building Municipal Airport Cochran Field * | 12/1/48 | 05/01/94 | 10 mi. SSW | 32°42' | 83°39' | b354 | 23g23 | 5c | 5c | %5 | 3 | NA d4 | 3e4 | a5f4 | NA | | | Wind instruments 74 feet to 8/24/62. a. Commissioned 1660 feet S of thermometer site 7/16/64. b. 356 feet to 7/16/64. c. Decommissioned prior to December 1966. d. Commissioned 6/1/82. e. Moved 5 ft. South 6/1/82. %. Commissioned 12/9/70. f. Lowered & type change 8/3/85. g. Type change 9/6/85. |
| * Name changed to Lewis B. Wilson Airport in June 1967. | | | | | | | | | | | | | | | | | | |
| Middle GA Regional Airport | 05/01/94 | Present | NA | 32°41' | 83°39' | h356 | | | | | | | | | S | | | ASOS commissioned 05/01/94. h. Ground elevation. |

For Hard Copy Subscription:

Price and ordering information: NCDC Subscribing Service Center, 310 State Route 956, Building 300, Rocket Center, WV 26726.

INQUIRIES/COMMENTS CALL: Toll Free (866) 742-3322

Visit our Web Site for other weather data: www.ncdc.noaa.gov

Non-Subscription Request:

NCDC Customer Services;
Phone: 828-271-4800
Fax: 828-271-4876
Email: ncdc.orders@noaa.gov

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED

FIRST CLASS
POSTAGE & FEES PAID
United States Department of Commerce
NOAA Permit No. G - 19

* NOTES: For earlier station history see previous edition..