

1997

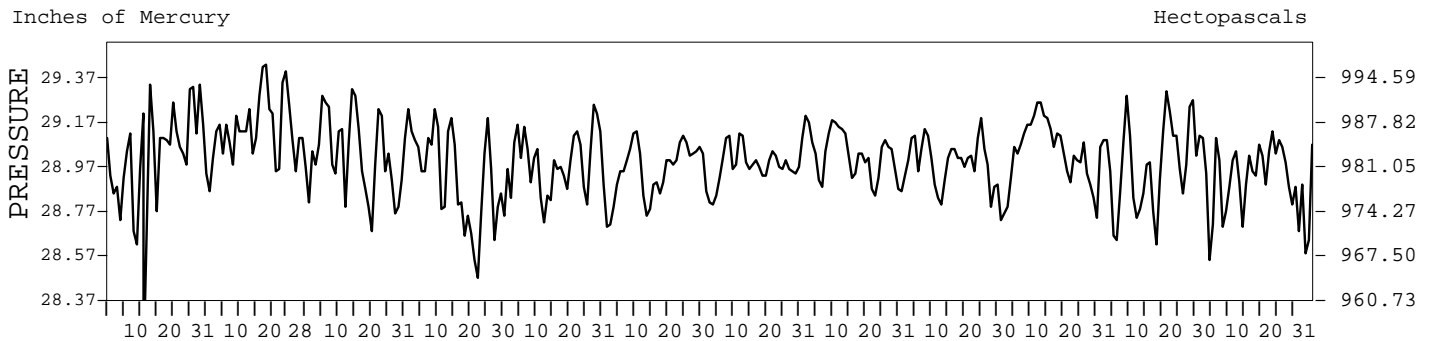
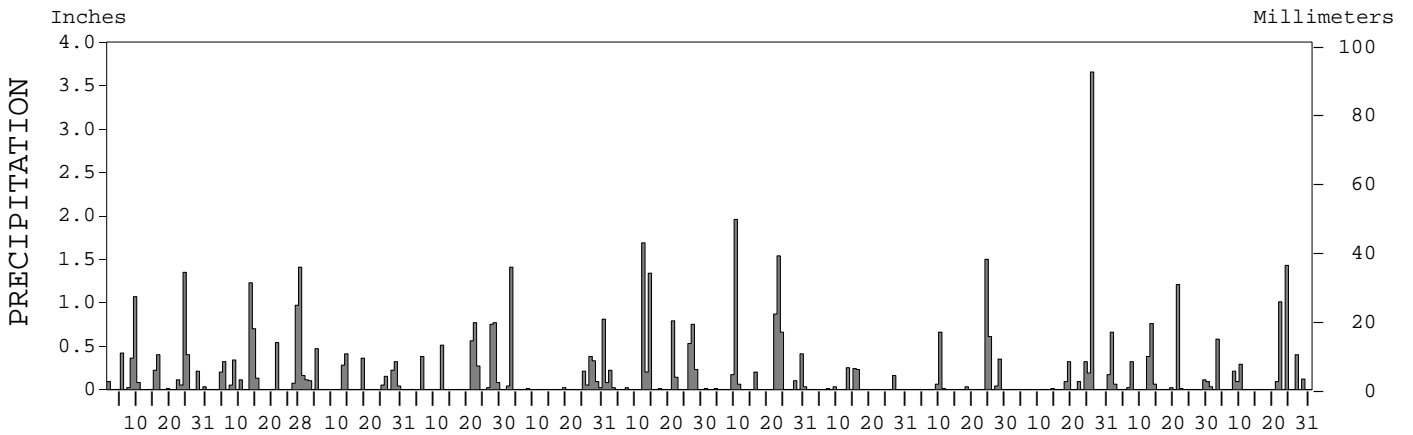
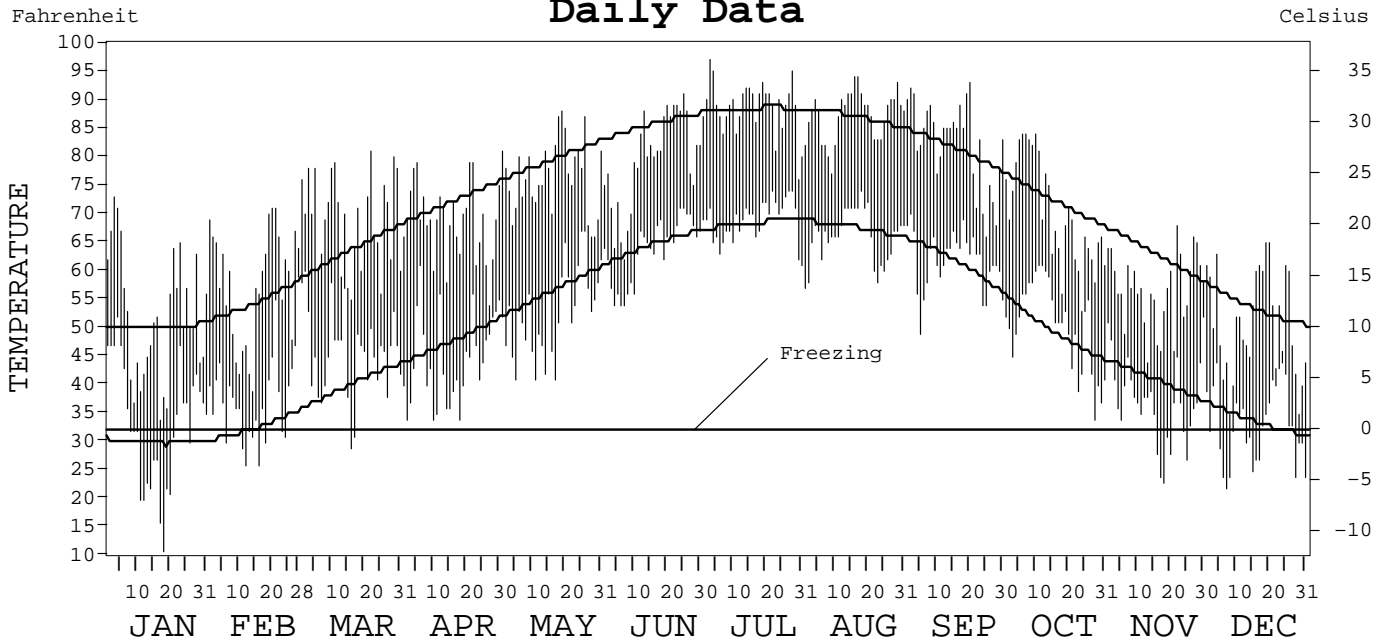
LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA



GREENVILLE-SPARTANBURG (GREER),
SOUTH CAROLINA (GSP)

ISSN 0198-4675

Daily Data



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NATIONAL
CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

Fernando S. ...
ACTING DIRECTOR
NATIONAL CLIMATIC DATA CENTER

METEOROLOGICAL DATA FOR 1997

GRNVL-SPARTANBURG, SC (GSP)

LATITUDE: 34° 53' 58" N LONGITUDE: 82° 13' 09" W ELEVATION (FT): GRND: 957 BARO: 951 TIME ZONE: EASTERN (UTC+ 5) WBAN: 03870

| ELEMENT | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR | |
|--------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|----|
| TEMPERATURE °F | MEAN DAILY MAXIMUM | 52.0 | 57.6 | 68.8 | 68.7 | 76.6 | 79.3 | 88.7 | 87.2 | 82.3 | 70.2 | 56.7 | 50.8 | 69.9 | |
| | HIGHEST DAILY MAXIMUM | 73 | 71 | 81 | 79 | 88 | 91 | 97 | 94 | 93 | 84 | 68 | 65 | 97 | |
| | DATE OF OCCURRENCE | 03 | 21+ | 22 | 22+ | 19 | 25 | 03 | 17+ | 20 | 10+ | 22 | 20+ | JUL 03 | |
| | MEAN DAILY MINIMUM | 33.4 | 37.6 | 45.5 | 44.3 | 52.7 | 63.5 | 68.8 | 66.0 | 61.7 | 50.4 | 37.0 | 33.0 | 49.5 | |
| | LOWEST DAILY MINIMUM | 11 | 26 | 29 | 34 | 41 | 54 | 61 | 57 | 49 | 34 | 23 | 22 | 11 | |
| | DATE OF OCCURRENCE | 18 | 16+ | 16 | 18+ | 17+ | 07+ | 31 | 01 | 05 | 28 | 18 | 07 | JAN 18 | |
| | AVERAGE DRY BULB | 42.7 | 47.6 | 57.2 | 56.5 | 64.7 | 71.4 | 78.8 | 76.6 | 72.0 | 60.3 | 46.9 | 41.9 | 59.7 | |
| | MEAN WET BULB | | 43.5 | 50.5 | 49.3 | 56.4 | 65.3 | 71.7 | 68.8 | 64.2 | 55.2 | 42.2 | 37.8 | | |
| | MEAN DEW POINT | | 38.0 | 43.1 | 40.4 | 48.7 | 62.4 | 68.6 | 64.9 | 59.9 | 51.4 | 37.1 | 31.5 | | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | MAXIMUM ≥ 90° | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 10 | 5 | 0 | 0 | 0 | 0 | 31 |
| | MAXIMUM ≤ 32° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | MINIMUM ≤ 32° | 15 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 15 | 15 | 48 |
| | MINIMUM ≤ 0° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H/C | HEATING DEGREE DAYS | 684 | 480 | 242 | 253 | 73 | 24 | 0 | 0 | 8 | 182 | 538 | 708 | 3192 | |
| | COOLING DEGREE DAYS | 0 | 0 | 9 | 5 | 70 | 226 | 433 | 369 | 224 | 43 | 0 | 0 | 1379 | |
| RH | MEAN (PERCENT) | 62 | 73 | 64 | 59 | 60 | 77 | 76 | 71 | 71 | 77 | 74 | 71 | 70 | |
| | HOUR 01 LST | 65 | 77 | 72 | 69 | 73 | 88 | 88 | 84 | 84 | 87 | 83 | 79 | 79 | |
| | HOUR 07 LST | 77 | 85 | 79 | 78 | 76 | 87 | 89 | 87 | 87 | 90 | 85 | 83 | 84 | |
| | HOUR 13 LST | 51 | 61 | 54 | 44 | 44 | 63 | 58 | 51 | 54 | 57 | 57 | 57 | 54 | |
| | HOUR 19 LST | 57 | 68 | 55 | 52 | 49 | 71 | 69 | 67 | 66 | 76 | 69 | 68 | 64 | |
| S | PERCENT POSSIBLE SUNSHINE | 47 | 38 | 63 | 65 | 70 | 49 | 72 | 77 | 67 | 62 | 53 | 56 | 60 | |
| W/O | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG (VISBY ≤ 1/4 MI) | 5 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 1 | 2 | 3 | 5 | 27 | |
| | THUNDERSTORMS | 3 | 1 | 2 | 5 | 4 | 6 | 10 | 3 | 3 | 0 | 4 | 0 | 41 | |
| 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.) | | 29.14 | 29.02 | 28.93 | 28.98 | 28.96 | 28.98 | 29.01 | 28.97 | 29.05 | 28.97 | 28.91 | | |
| | MEAN SEA-LEVEL PRESS. (IN.) | | 30.18 | 30.05 | 29.95 | 30.00 | 29.96 | 29.98 | 30.02 | 29.98 | 30.08 | 30.00 | 29.95 | | |
| WINDS | RESULTANT SPEED (MPH) | | 0.8 | 2.1 | 2.6 | 1.8 | 1.7 | 0.4 | 0.7 | 1.5 | 2.1 | 1.3 | 1.5 | | |
| | RES. DIR. (TENS OF DEGS.) | | 35 | 29 | 35 | 26 | 20 | 09 | 19 | 05 | 04 | 31 | 35 | | |
| | MEAN SPEED (MPH) | 7.1 | 6.0 | 7.7 | 7.2 | 8.5 | 7.2 | 4.6 | 5.0 | 5.7 | 5.4 | 6.2 | 6.2 | 6.4 | |
| | PREVAIL. DIR. (TENS OF DEGS.) | 05 | 05 | 24 | 05 | 24 | 05 | 05 | 05 | 05 | 05 | 25 | 06 | 05 | |
| | MAXIMUM 2-MINUTE WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 36 | 28 | 36 | 25 | 31 | 32 | 32 | 23 | 24 | 25 | 28 | 24 | 36 | |
| | DIR. (TENS OF DEGS.) | 25 | 22 | 25 | 24 | 23 | 26 | 33 | 05 | 29 | 36 | 23 | 25 | 25 | |
| | DATE OF OCCURRENCE | 10 | 21 | 03 | 21+ | 14 | 21 | 16 | 16+ | 30 | 27 | 03 | 30 | MAR 03 | |
| | MAXIMUM 5-SECOND WIND: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 46 | 38 | 45 | 32 | 39 | 41 | 44 | 29 | 29 | 33 | 33 | 30 | 46 | |
| DIR. (TENS OF DEGS.) | 26 | 20 | 26 | 26 | 23 | 26 | 34 | 25 | 29 | 01 | 23 | 24 | 26 | | |
| DATE OF OCCURRENCE | 10 | 21 | 03 | 13 | 14 | 21 | 16 | 13 | 30 | 27 | 03 | 30 | JAN 10 | | |
| PRECIPITATION | WATER EQUIVALENT: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 4.82 | 6.07 | 2.67 | 4.11 | 3.37 | 6.02 | 6.02 | 0.92 | 3.26 | 4.85 | 3.70 | 4.25 | 50.06 | |
| | GREATEST 24-HOUR (IN.) | 1.75 | 2.09 | 0.68 | 1.08 | 1.45 | 1.89 | 2.02 | 0.25 | 1.94 | 3.66 | 1.22 | 1.43 | 3.66 | |
| | DATE OF OCCURRENCE | 24-25 | 27-28 | 13-14 | 27-28 | 02-03 | 12-13 | 10-11 | 13 | 24-25 | 26 | 21-22 | 24 | OCT 26 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| | PRECIPITATION ≥ 0.01 | 15 | 12 | 12 | 9 | 11 | 13 | 12 | 6 | 8 | 8 | 12 | 10 | 128 | |
| PRECIPITATION ≥ 0.10 | 9 | 10 | 10 | 7 | 5 | 9 | 8 | 4 | 4 | 5 | 6 | 7 | 84 | | |
| PRECIPITATION ≥ 1.00 | 2 | 2 | 0 | 0 | 1 | 2 | 2 | 0 | 1 | 1 | 1 | 2 | 14 | | |
| SNOWFALL | SNOW, ICE PELLETS, HAIL: | | | | | | | | | | | | | | |
| | TOTAL (IN.) | 0.1 | 0.3 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.2 | 3.6 | |
| | GREATEST 24-HOUR (IN.) | 0.1 | 0.3 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.0 | 3.0 | |
| | DATE OF OCCURRENCE | 19 | 13 | 29 | | | | | | | | 07 | 29 | DEC 29 | |
| | MAXIMUM SNOW DEPTH (IN.) | T | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| | DATE OF OCCURRENCE | 19 | | | | | | | | | | | 30 | DEC 30 | |
| | NUMBER OF DAYS WITH: | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | | |

NORMALS, MEANS, AND EXTREMES

GRNVL-SPARTANBURG, SC (GSP)

LATITUDE: 34° 53' 58" N LONGITUDE: 82° 13' 09" W ELEVATION (FT): GRND: 957 BARO: 951 TIME ZONE: EASTERN (UTC+ 5) WBAN: 03870

| | ELEMENT | POR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | YEAR |
|-----------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F | NORMAL DAILY MAXIMUM | 30 | 50.1 | 54.3 | 63.5 | 72.0 | 79.4 | 85.5 | 88.2 | 86.8 | 81.1 | 71.9 | 62.5 | 53.2 | 70.7 |
| | MEAN DAILY MAXIMUM | 35 | 50.3 | 54.3 | 63.6 | 72.2 | 79.1 | 85.4 | 88.6 | 86.7 | 81.0 | 71.8 | 61.9 | 53.2 | 70.7 |
| | HIGHEST DAILY MAXIMUM | 35 | 79 | 81 | 89 | 93 | 97 | 100 | 103 | 103 | 96 | 92 | 85 | 76 | 103 |
| | YEAR OF OCCURRENCE | | 1975 | 1996 | 1995 | 1986 | 1967 | 1985 | 1986 | 1983 | 1975 | 1986 | 1974 | 1984 | JUL 1986 |
| | MEAN OF EXTREME MAXS. | 35 | 68.1 | 71.9 | 80.2 | 86.2 | 89.7 | 94.5 | 96.2 | 94.4 | 91.0 | 84.2 | 76.6 | 69.5 | 83.5 |
| | NORMAL DAILY MINIMUM | 30 | 30.0 | 32.4 | 39.9 | 47.6 | 56.4 | 64.4 | 68.3 | 67.4 | 61.2 | 49.0 | 40.5 | 33.4 | 49.2 |
| | MEAN DAILY MINIMUM | 35 | 30.4 | 32.5 | 40.0 | 47.6 | 56.3 | 64.4 | 68.4 | 67.4 | 61.1 | 48.9 | 39.9 | 33.6 | 49.2 |
| | LOWEST DAILY MINIMUM | 35 | -6 | 8 | 11 | 25 | 31 | 40 | 54 | 52 | 36 | 25 | 12 | 5 | -6 |
| | YEAR OF OCCURRENCE | | 1966 | 1996 | 1993 | 1983 | 1989 | 1972 | 1979 | 1968 | 1967 | 1976 | 1970 | 1985 | JAN 1966 |
| | MEAN OF EXTREME MINS. | 35 | 13.0 | 15.9 | 22.8 | 32.1 | 41.1 | 53.2 | 61.2 | 59.1 | 47.5 | 33.2 | 24.4 | 16.5 | 35.0 |
| | NORMAL DRY BULB | 30 | 40.1 | 43.4 | 51.7 | 59.8 | 67.9 | 75.0 | 78.2 | 77.1 | 71.2 | 60.5 | 51.6 | 43.3 | 60.0 |
| | MEAN DRY BULB | 35 | 40.4 | 43.4 | 51.8 | 59.9 | 67.7 | 74.9 | 78.5 | 77.1 | 71.1 | 60.3 | 51.0 | 43.5 | 60.0 |
| | MEAN WET BULB | 13 | 36.0 | 39.8 | 45.5 | 51.8 | 60.5 | 67.7 | 71.3 | 70.5 | 64.6 | 54.4 | 45.6 | 38.8 | 53.9 |
| | MEAN DEW POINT | 13 | 28.6 | 31.6 | 37.3 | 44.1 | 55.4 | 63.8 | 67.9 | 67.7 | 61.2 | 49.5 | 39.8 | 32.1 | 48.2 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| MAXIMUM ≥ 90° | 30 | 0.0 | 0.0 | 0.0 | 0.3 | 1.5 | 7.9 | 12.9 | 9.8 | 2.6 | 0.1 | 0.0 | 0.0 | 35.1 | |
| MAXIMUM ≤ 32° | 30 | 1.3 | 0.2 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 1.9 | |
| MINIMUM ≤ 32° | 30 | 19.0 | 15.3 | 7.2 | 1.0 | * | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 6.6 | 15.4 | 65.4 | |
| MINIMUM ≤ 0° | 30 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | |
| H/C | NORMAL HEATING DEG. DAYS | 30 | 772 | 605 | 412 | 177 | 49 | 0 | 0 | 0 | 7 | 175 | 402 | 673 | 3272 |
| | NORMAL COOLING DEG. DAYS | 30 | 0 | 0 | 0 | 21 | 139 | 300 | 409 | 375 | 193 | 36 | 0 | 0 | 1473 |
| RH | NORMAL (PERCENT) | 30 | 66 | 63 | 62 | 61 | 68 | 70 | 74 | 76 | 76 | 71 | 68 | 68 | 69 |
| | HOUR 01 LST | 30 | 72 | 70 | 70 | 70 | 80 | 83 | 85 | 87 | 86 | 82 | 77 | 74 | 78 |
| | HOUR 07 LST | 30 | 76 | 75 | 77 | 77 | 83 | 84 | 88 | 90 | 89 | 85 | 81 | 78 | 82 |
| | HOUR 13 LST | 30 | 54 | 51 | 50 | 47 | 52 | 54 | 58 | 59 | 59 | 52 | 53 | 55 | 54 |
| | HOUR 19 LST | 30 | 62 | 58 | 55 | 52 | 61 | 62 | 67 | 70 | 73 | 70 | 67 | 66 | 64 |
| S | PERCENT POSSIBLE SUNSHINE | 35 | 54 | 57 | 63 | 66 | 62 | 62 | 60 | 61 | 62 | 66 | 59 | 54 | 60 |
| W/O | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | HEAVY FOG(VISBY≤1/4 MI) | 36 | 4.3 | 3.7 | 3.0 | 1.9 | 1.5 | 1.4 | 1.8 | 2.3 | 2.1 | 1.8 | 3.6 | 4.7 | 32.1 |
| | THUNDERSTORMS | 36 | 0.8 | 0.9 | 2.5 | 3.2 | 6.1 | 7.1 | 10.0 | 6.7 | 3.1 | 0.8 | 0.9 | 0.5 | 42.6 |
| CLOUDINESS | MEAN: | | | | | | | | | | | | | | |
| | SUNRISE-SUNSET (OKTAS) | 34 | 4.7 | 4.6 | 4.6 | 4.2 | 4.7 | 4.6 | 4.7 | 4.5 | 4.3 | 3.6 | 4.0 | 4.5 | 4.4 |
| | MIDNIGHT-MIDNIGHT (OKTAS) | 32 | 4.6 | 4.4 | 4.4 | 3.9 | 4.4 | 4.3 | 4.6 | 4.4 | 4.1 | 3.6 | 3.9 | 4.3 | 4.2 |
| | MEAN NO. DAYS WITH: | | | | | | | | | | | | | | |
| | CLEAR | 34 | 10.3 | 9.8 | 10.2 | 11.1 | 8.4 | 8.3 | 7.1 | 8.0 | 10.0 | 14.0 | 12.4 | 11.0 | 120.6 |
| PARTLY CLOUDY | 34 | 5.9 | 5.5 | 7.6 | 8.4 | 10.0 | 10.9 | 12.5 | 12.3 | 8.6 | 6.7 | 5.8 | 5.8 | 100.0 | |
| CLOUDY | 34 | 14.7 | 13.0 | 13.2 | 10.5 | 12.5 | 10.8 | 11.4 | 10.7 | 11.4 | 10.3 | 11.8 | 14.2 | 144.5 | |
| PR | MEAN STATION PRESSURE(IN) | 24 | 29.10 | 29.10 | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.00 | 29.09 | 29.10 | 29.09 | 29.09 | 29.05 |
| | MEAN SEA-LEVEL PRES. (IN) | 13 | 30.13 | 30.10 | 30.06 | 30.00 | 30.01 | 30.00 | 30.03 | 30.04 | 30.07 | 30.11 | 30.13 | 30.15 | 30.07 |
| WINDS | MEAN SPEED (MPH) | 18 | 8.0 | 8.4 | 8.7 | 8.4 | 7.6 | 6.8 | 6.5 | 6.1 | 6.5 | 6.9 | 7.4 | 7.5 | 7.4 |
| | PREVAIL.DIR.(TENS OF DEGS) | 18 | 23 | 04 | 04 | 23 | 23 | 24 | 23 | 03 | 04 | 03 | 04 | 04 | 04 |
| | MAXIMUM 2-MINUTE: | | | | | | | | | | | | | | |
| | SPEED (MPH) | 1 | 36 | 28 | 36 | 25 | 31 | 32 | 32 | 23 | 24 | 25 | 28 | 24 | 36 |
| | DIR. (TENS OF DEGS) | | 25 | 22 | 25 | 24 | 23 | 26 | 33 | 50 | 29 | 36 | 23 | 25 | 25 |
| | YEAR OF OCCURRENCE | | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | MAR 1997 |
| | PEAK GUST : | | | | | | | | | | | | | | |
| SPEED (MPH) | 1 | 46 | 38 | 45 | 32 | 39 | 41 | 44 | 29 | 29 | 33 | 33 | 30 | 46 | |
| DIR. (TENS OF DEGS) | | 26 | 20 | 26 | 26 | 23 | 26 | 34 | 25 | 29 | 10 | 23 | 24 | 26 | |
| YEAR OF OCCURRENCE | | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | JAN 1997 | |
| PRECIPITATION | NORMAL (IN) | 30 | 4.10 | 4.41 | 5.39 | 3.86 | 4.42 | 4.77 | 4.63 | 3.95 | 3.96 | 3.99 | 3.65 | 4.14 | 51.27 |
| | MAXIMUM MONTHLY (IN) | 35 | 7.19 | 7.43 | 11.37 | 11.30 | 8.89 | 10.12 | 13.57 | 17.37 | 11.65 | 10.24 | 7.85 | 8.45 | 17.37 |
| | YEAR OF OCCURRENCE | | 1993 | 1971 | 1980 | 1964 | 1972 | 1994 | 1984 | 1995 | 1975 | 1964 | 1992 | 1983 | AUG 1995 |
| | MINIMUM MONTHLY (IN) | 35 | 0.29 | 0.53 | 1.13 | 0.69 | 1.09 | 0.17 | 0.75 | 0.87 | 0.27 | 0.24 | 1.34 | 0.37 | 0.17 |
| | YEAR OF OCCURRENCE | | 1981 | 1978 | 1985 | 1976 | 1965 | 1993 | 1993 | 1993 | 1978 | 1991 | 1973 | 1965 | JUN 1993 |
| | MAXIMUM IN 24 HOURS (IN) | 35 | 3.30 | 3.57 | 4.45 | 3.76 | 3.79 | 4.80 | 3.89 | 12.32 | 6.21 | 4.93 | 2.83 | 3.00 | 12.32 |
| | YEAR OF OCCURRENCE | | 1982 | 1984 | 1963 | 1963 | 1996 | 1980 | 1964 | 1995 | 1973 | 1990 | 1964 | 1972 | AUG 1995 |
| | NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | |
| PRECIPITATION ≥ 0.01 | 30 | 10.8 | 9.1 | 10.9 | 8.7 | 10.9 | 9.8 | 12.0 | 10.1 | 8.5 | 7.3 | 8.8 | 10.0 | 116.9 | |
| PRECIPITATION ≥ 1.00 | 30 | 1.0 | 1.1 | 1.8 | 1.0 | 1.3 | 1.2 | 1.3 | 1.1 | 1.3 | 1.3 | 1.1 | 1.1 | 14.6 | |
| SNOWFALL | NORMAL (IN) | 30 | 2.6 | 2.1 | 1.0 | 0.* | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 6.4 |
| | MAXIMUM MONTHLY (IN) | 35 | 12.0 | 12.3 | 9.8 | 0.3 | T | T | T | 0.0 | 0.0 | 0.0 | 1.9 | 11.4 | 12.3 |
| | YEAR OF OCCURRENCE | | 1988 | 1979 | 1993 | 1987 | 1996 | 1994 | 1996 | | | | 1968 | 1971 | FEB 1979 |
| | MAXIMUM IN 24 HOURS (IN) | 35 | 12.0 | 8.2 | 9.8 | 0.3 | T | T | T | 0.0 | 0.0 | 0.0 | 1.9 | 11.4 | 12.0 |
| | YEAR OF OCCURRENCE | | 1988 | 1979 | 1993 | 1987 | 1996 | 1994 | 1995 | | | | 1968 | 1971 | JAN 1988 |
| | MAXIMUM SNOW DEPTH (IN) | 34 | 12 | 8 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 12 |
| | YEAR OF OCCURRENCE | | 1988 | 1979 | 1983 | | | | | | | | 1968 | 1971 | JAN 1988 |
| NORMAL NO. DAYS WITH: | | | | | | | | | | | | | | | |
| SNOWFALL ≥ 1.0 | 30 | 0.7 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.* | 0.1 | 1.7 | |

PRECIPITATION (inches) 1997 GREENVILLE-SPARTANBURG (GREER), SC (GSP)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|-------|-------|------|-------|-------|-------|-------|------|------|------|--------|
| 1968 | 4.12 | 1.00 | 3.68 | 2.40 | 3.93 | 5.71 | 6.92 | 1.31 | 3.04 | 2.82 | 5.07 | 3.18 | 43.18 |
| 1969 | 3.94 | 5.24 | 4.56 | 7.18 | 1.93 | 9.59 | 3.17 | 6.53 | 3.68 | 2.38 | 2.24 | 4.60 | 55.04 |
| 1970 | 1.74 | 3.74 | 3.45 | 2.94 | 3.13 | 3.60 | 2.31 | 3.59 | 1.34 | 7.02 | 1.77 | 2.88 | 37.51 |
| 1971 | 3.33 | 7.43 | 5.52 | 3.09 | 5.72 | 2.19 | 5.64 | 3.28 | 3.28 | 9.51 | 4.22 | 3.79 | 56.16 |
| 1972 | 6.14 | 3.04 | 4.59 | 2.28 | 8.89 | 8.16 | 4.18 | 3.21 | 2.20 | 3.44 | 5.31 | 6.68 | 58.12 |
| 1973 | 4.33 | 4.88 | 8.73 | 4.04 | 5.59 | 3.87 | 3.70 | 2.03 | 7.56 | 0.98 | 1.34 | 7.55 | 54.60 |
| 1974 | 4.24 | 4.90 | 3.26 | 4.06 | 5.45 | 3.78 | 3.23 | 4.03 | 3.76 | 0.24 | 4.81 | 2.50 | 44.26 |
| 1975 | 5.42 | 5.78 | 8.64 | 1.14 | 7.81 | 5.39 | 4.79 | 3.21 | 11.65 | 7.45 | 3.98 | 3.07 | 68.33 |
| 1976 | 4.49 | 2.15 | 7.30 | 0.69 | 8.10 | 2.81 | 5.75 | 2.09 | 8.28 | 8.49 | 2.75 | 6.21 | 59.11 |
| 1977 | 3.53 | 2.00 | 8.47 | 3.23 | 2.71 | 2.88 | 0.80 | 4.99 | 9.44 | 6.39 | 4.43 | 3.55 | 52.42 |
| 1978 | 6.93 | 0.53 | 6.09 | 2.97 | 4.84 | 3.51 | 6.77 | 2.98 | 0.27 | 0.81 | 1.93 | 3.39 | 41.02 |
| 1979 | 7.19 | 6.11 | 4.19 | 10.15 | 5.69 | 3.74 | 8.66 | 4.34 | 7.50 | 3.33 | 3.91 | 1.25 | 66.06 |
| 1980 | 4.28 | 1.19 | 11.37 | 3.47 | 5.92 | 6.72 | 1.05 | 3.33 | 5.82 | 2.83 | 4.11 | 0.64 | 50.73 |
| 1981 | 0.29 | 3.86 | 3.22 | 0.88 | 4.15 | 1.29 | 5.30 | 1.17 | 2.08 | 4.40 | 1.66 | 7.19 | 35.49 |
| 1982 | 6.27 | 5.21 | 2.77 | 4.57 | 6.18 | 3.32 | 12.52 | 1.66 | 1.44 | 3.07 | 4.17 | 5.02 | 56.20 |
| 1983 | 2.70 | 5.26 | 6.26 | 4.66 | 5.80 | 4.67 | 1.13 | 3.27 | 3.59 | 3.05 | 5.29 | 8.45 | 54.13 |
| 1984 | 3.04 | 7.04 | 5.67 | 4.76 | 8.30 | 3.07 | 13.57 | 4.00 | 1.34 | 2.28 | 2.60 | 2.22 | 57.89 |
| 1985 | 4.94 | 4.29 | 1.13 | 1.31 | 2.42 | 2.85 | 6.96 | 5.93 | 1.62 | 4.55 | 7.52 | 1.44 | 44.96 |
| 1986 | 1.10 | 1.46 | 2.64 | 1.10 | 6.34 | 0.93 | 1.63 | 5.93 | 2.56 | 6.11 | 5.37 | 4.17 | 39.34 |
| 1987 | 4.65 | 7.33 | 5.01 | 2.30 | 1.31 | 6.68 | 3.58 | 2.79 | 3.33 | 0.37 | 2.81 | 4.62 | 44.78 |
| 1988 | 3.91 | 1.79 | 3.67 | 3.41 | 1.96 | 3.25 | 2.18 | 3.93 | 4.57 | 3.38 | 4.26 | 1.90 | 38.21 |
| 1989 | 1.51 | 4.93 | 4.48 | 3.15 | 3.64 | 6.00 | 5.11 | 4.71 | 5.42 | 3.10 | 3.74 | 4.76 | 50.55 |
| 1990 | 4.37 | 5.97 | 6.67 | 2.22 | 2.70 | 0.90 | 3.61 | 6.21 | 2.12 | 9.45 | 1.93 | 3.26 | 49.41 |
| 1991 | 4.72 | 2.24 | 5.82 | 5.65 | 6.37 | 1.72 | 5.74 | 9.02 | 1.44 | 0.24 | 1.39 | 2.90 | 47.25 |
| 1992 | 2.50 | 6.12 | 5.45 | 4.81 | 5.03 | 4.97 | 2.66 | 5.54 | 4.30 | 6.27 | 7.85 | 5.08 | 60.58 |
| 1993 | 7.19 | 3.56 | 10.27 | 2.91 | 3.08 | 0.17 | 0.75 | 0.87 | 1.71 | 2.07 | 3.73 | 2.94 | 39.25 |
| 1994 | 4.24 | 3.47 | 4.46 | 2.61 | 1.44 | 10.12 | 6.56 | 5.76 | 2.06 | 4.28 | 2.43 | 3.96 | 51.39 |
| 1995 | 6.42 | 5.08 | 2.30 | 1.58 | 4.53 | 4.84 | 2.69 | 17.37 | 2.13 | 5.96 | 5.13 | 2.05 | 60.08 |
| 1996 | 5.54 | 3.75 | 7.64 | 3.09 | 5.00 | 4.03 | 4.43 | 6.27 | 4.62 | 0.82 | 4.34 | 4.17 | 53.70 |
| 1997 | 4.82 | 6.07 | 2.67 | 4.11 | 3.37 | 6.02 | 6.02 | 0.92 | 3.26 | 4.85 | 3.70 | 4.25 | 50.06 |
| POR= 35 YRS | 4.24 | 4.24 | 5.42 | 3.65 | 4.43 | 4.49 | 4.54 | 4.35 | 3.80 | 3.94 | 3.62 | 3.82 | 50.54 |

WBAN : 03870

AVERAGE TEMPERATURE (°F) 1997 GREENVILLE-SPARTANBURG (GREER), SC (GSP)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1968 | 39.0 | 38.3 | 53.3 | 60.2 | 65.4 | 74.2 | 77.0 | 78.7 | 69.8 | 60.9 | 49.5 | 39.0 | 58.8 |
| 1969 | 39.5 | 40.9 | 45.9 | 60.7 | 67.6 | 76.3 | 80.6 | 74.6 | 69.8 | 60.9 | 48.8 | 41.4 | 58.9 |
| 1970 | 35.4 | 43.3 | 51.7 | 63.3 | 68.8 | 75.2 | 79.3 | 76.9 | 74.8 | 63.0 | 48.7 | 44.7 | 60.4 |
| 1971 | 39.5 | 41.9 | 46.3 | 59.2 | 65.3 | 76.2 | 76.7 | 75.8 | 72.9 | 64.9 | 48.9 | 50.4 | 59.8 |
| 1972 | 44.6 | 40.9 | 50.7 | 59.5 | 64.9 | 70.9 | 77.0 | 76.3 | 73.1 | 59.2 | 49.3 | 48.1 | 59.5 |
| 1973 | 41.1 | 42.0 | 54.5 | 57.8 | 65.8 | 74.6 | 78.2 | 76.9 | 74.5 | 61.8 | 51.9 | 41.8 | 60.1 |
| 1974 | 51.4 | 43.9 | 55.9 | 58.8 | 68.0 | 72.2 | 78.0 | 77.2 | 69.9 | 58.8 | 49.6 | 43.4 | 60.6 |
| 1975 | 45.8 | 46.8 | 48.5 | 58.7 | 70.5 | 74.4 | 76.5 | 78.6 | 70.0 | 62.6 | 53.0 | 42.7 | 60.7 |
| 1976 | 38.0 | 50.6 | 54.0 | 59.2 | 63.3 | 71.4 | 77.2 | 75.3 | 68.6 | 55.6 | 44.6 | 39.9 | 58.1 |
| 1977 | 30.7 | 42.4 | 54.5 | 62.4 | 71.5 | 77.5 | 81.9 | 78.7 | 74.4 | 59.9 | 54.8 | 42.8 | 61.0 |
| 1978 | 35.3 | 36.7 | 49.2 | 60.8 | 65.5 | 75.4 | 77.8 | 77.9 | 73.9 | 60.4 | 55.6 | 43.5 | 59.3 |
| 1979 | 37.3 | 39.2 | 54.2 | 61.4 | 69.6 | 72.0 | 74.7 | 76.6 | 70.5 | 59.2 | 52.7 | 45.4 | 59.4 |
| 1980 | 44.0 | 39.3 | 47.6 | 59.1 | 68.2 | 74.5 | 81.5 | 79.4 | 73.6 | 57.4 | 49.3 | 43.4 | 59.8 |
| 1981 | 38.1 | 43.3 | 49.1 | 64.2 | 66.3 | 80.3 | 80.1 | 75.4 | 69.3 | 58.0 | 50.8 | 39.3 | 59.5 |
| 1982 | 36.1 | 45.8 | 53.3 | 56.7 | 70.6 | 74.2 | 77.6 | 75.2 | 69.8 | 61.0 | 52.7 | 48.3 | 60.1 |
| 1983 | 39.2 | 42.1 | 51.4 | 54.7 | 66.3 | 73.1 | 79.7 | 79.5 | 69.0 | 59.4 | 49.2 | 39.2 | 58.6 |
| 1984 | 38.8 | 45.6 | 50.3 | 56.2 | 66.9 | 77.7 | 75.6 | 76.3 | 69.0 | 67.5 | 47.8 | 50.1 | 60.2 |
| 1985 | 36.2 | 44.6 | 54.2 | 61.8 | 67.9 | 76.7 | 76.4 | 75.1 | 69.6 | 64.3 | 58.6 | 38.9 | 60.4 |
| 1986 | 39.6 | 47.8 | 52.4 | 61.6 | 68.9 | 78.6 | 83.1 | 76.0 | 72.7 | 61.9 | 52.9 | 42.8 | 61.5 |
| 1987 | 39.5 | 43.0 | 50.5 | 58.3 | 71.1 | 76.6 | 80.4 | 79.8 | 71.4 | 55.2 | 52.9 | 45.5 | 60.4 |
| 1988 | 36.0 | 42.0 | 51.5 | 59.3 | 67.2 | 75.4 | 78.5 | 80.4 | 71.0 | 55.3 | 52.3 | 43.0 | 59.3 |
| 1989 | 45.8 | 45.4 | 52.9 | 58.6 | 64.4 | 75.5 | 78.3 | 76.8 | 70.3 | 61.6 | 50.8 | 36.9 | 59.8 |
| 1990 | 46.6 | 50.6 | 54.6 | 59.0 | 67.1 | 76.3 | 78.7 | 78.5 | 72.1 | 62.1 | 54.0 | 48.0 | 62.3 |
| 1991 | 41.8 | 46.4 | 53.5 | 62.1 | 71.5 | 75.2 | 80.5 | 76.7 | 71.8 | 61.6 | 49.3 | 47.4 | 61.5 |
| 1992 | 44.0 | 48.0 | 50.9 | 59.2 | 64.0 | 71.9 | 79.5 | 74.2 | 70.7 | 57.5 | 49.7 | 41.7 | 59.3 |
| 1993 | 44.2 | 41.9 | 46.9 | 55.6 | 67.3 | 76.3 | 83.2 | 78.8 | 71.9 | 60.3 | 50.4 | 41.4 | 59.9 |
| 1994 | 36.7 | 44.8 | 52.9 | 61.8 | 65.2 | 76.7 | 77.1 | 75.6 | 69.2 | 59.5 | 53.8 | 47.4 | 60.1 |
| 1995 | 42.0 | 42.2 | 54.5 | 62.3 | 69.6 | 75.0 | 82.0 | 80.4 | 70.8 | 61.5 | 46.9 | 40.9 | 60.7 |
| 1996 | 38.9 | 45.3 | 47.9 | 58.1 | 69.8 | 75.0 | 78.5 | 76.1 | 69.9 | 60.2 | 47.4 | 45.2 | 59.4 |
| 1997 | 42.7 | 47.6 | 57.2 | 56.5 | 64.7 | 71.4 | 78.8 | 76.6 | 72.0 | 60.3 | 46.9 | 41.9 | 59.7 |
| POR= 35 YRS | 40.4 | 43.4 | 51.7 | 59.8 | 67.6 | 74.9 | 78.5 | 77.1 | 71.1 | 60.4 | 51.0 | 43.5 | 60.0 |

HEATING DEGREE DAYS (base 65°F) 1997 GREENVILLE-SPARTANBURG (GREER), SC (GSP)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| 1968-69 | 0 | 1 | 1 | 168 | 461 | 801 | 785 | 668 | 585 | 142 | 44 | 0 | 3656 |
| 1969-70 | 0 | 0 | 19 | 165 | 481 | 725 | 910 | 600 | 405 | 104 | 28 | 0 | 3437 |
| 1970-71 | 0 | 0 | 10 | 120 | 480 | 620 | 782 | 643 | 572 | 188 | 73 | 0 | 3488 |
| 1971-72 | 0 | 0 | 2 | 74 | 492 | 449 | 625 | 694 | 434 | 205 | 48 | 14 | 3037 |
| 1972-73 | 0 | 0 | 4 | 189 | 476 | 519 | 734 | 641 | 323 | 229 | 61 | 0 | 3176 |
| 1973-74 | 0 | 0 | 1 | 132 | 387 | 712 | 419 | 584 | 290 | 205 | 54 | 0 | 2784 |
| 1974-75 | 0 | 0 | 39 | 205 | 464 | 663 | 590 | 505 | 507 | 227 | 9 | 0 | 3209 |
| 1975-76 | 0 | 0 | 24 | 118 | 361 | 683 | 828 | 415 | 345 | 190 | 85 | 15 | 3064 |
| 1976-77 | 0 | 0 | 11 | 297 | 605 | 773 | 1057 | 626 | 319 | 117 | 19 | 0 | 3824 |
| 1977-78 | 0 | 0 | 2 | 184 | 322 | 681 | 916 | 787 | 486 | 143 | 88 | 0 | 3609 |
| 1978-79 | 0 | 0 | 6 | 152 | 276 | 658 | 851 | 715 | 336 | 129 | 15 | 3 | 3141 |
| 1979-80 | 1 | 0 | 9 | 193 | 362 | 600 | 647 | 737 | 532 | 199 | 27 | 0 | 3307 |
| 1980-81 | 0 | 0 | 27 | 246 | 462 | 663 | 829 | 602 | 491 | 91 | 50 | 0 | 3461 |
| 1981-82 | 0 | 0 | 26 | 229 | 422 | 791 | 887 | 533 | 365 | 249 | 12 | 0 | 3514 |
| 1982-83 | 0 | 0 | 24 | 177 | 370 | 515 | 796 | 631 | 414 | 307 | 43 | 1 | 3278 |
| 1983-84 | 0 | 0 | 59 | 179 | 467 | 792 | 807 | 553 | 452 | 271 | 67 | 1 | 3648 |
| 1984-85 | 0 | 0 | 37 | 32 | 508 | 454 | 884 | 565 | 341 | 141 | 32 | 0 | 2994 |
| 1985-86 | 0 | 0 | 38 | 101 | 194 | 800 | 783 | 475 | 392 | 154 | 26 | 0 | 2963 |
| 1986-87 | 0 | 7 | 3 | 160 | 361 | 682 | 786 | 610 | 441 | 225 | 15 | 0 | 3290 |
| 1987-88 | 0 | 0 | 4 | 296 | 356 | 596 | 892 | 660 | 417 | 180 | 34 | 3 | 3438 |
| 1988-89 | 0 | 0 | 2 | 308 | 373 | 674 | 589 | 543 | 386 | 229 | 104 | 0 | 3208 |
| 1989-90 | 0 | 0 | 35 | 152 | 420 | 863 | 564 | 395 | 333 | 199 | 41 | 0 | 3002 |
| 1990-91 | 0 | 0 | 23 | 131 | 328 | 518 | 713 | 515 | 358 | 125 | 20 | 0 | 2731 |
| 1991-92 | 0 | 0 | 22 | 138 | 471 | 547 | 646 | 487 | 433 | 205 | 94 | 5 | 3048 |
| 1992-93 | 0 | 0 | 19 | 226 | 455 | 713 | 639 | 640 | 555 | 276 | 34 | 0 | 3557 |
| 1993-94 | 0 | 0 | 27 | 179 | 440 | 721 | 868 | 559 | 371 | 138 | 73 | 0 | 3376 |
| 1994-95 | 0 | 0 | 8 | 179 | 331 | 538 | 706 | 632 | 329 | 128 | 24 | 0 | 2875 |
| 1995-96 | 0 | 0 | 23 | 150 | 537 | 739 | 803 | 567 | 523 | 213 | 43 | 2 | 3600 |
| 1996-97 | 0 | 0 | 11 | 162 | 526 | 606 | 684 | 480 | 242 | 253 | 73 | 24 | 3061 |
| 1997- | 0 | 0 | 8 | 182 | 538 | 708 | | | | | | | |

WBAN : 03870

COOLING DEGREE DAYS (base 65°F) 1997 GREENVILLE-SPARTANBURG (GREER), SC (G

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1969 | 0 | 0 | 0 | 19 | 133 | 344 | 493 | 305 | 169 | 46 | 0 | 0 | 1509 |
| 1970 | 0 | 0 | 0 | 59 | 154 | 313 | 454 | 378 | 310 | 67 | 0 | 0 | 1735 |
| 1971 | 0 | 0 | 0 | 20 | 88 | 342 | 369 | 345 | 246 | 77 | 15 | 3 | 1505 |
| 1972 | 0 | 0 | 0 | 48 | 49 | 197 | 380 | 356 | 253 | 15 | 9 | 1 | 1308 |
| 1973 | 0 | 0 | 6 | 21 | 92 | 297 | 414 | 375 | 291 | 36 | 0 | 0 | 1532 |
| 1974 | 1 | 0 | 17 | 26 | 153 | 222 | 408 | 386 | 193 | 19 | 10 | 0 | 1435 |
| 1975 | 0 | 0 | 0 | 45 | 185 | 290 | 363 | 427 | 180 | 50 | 7 | 0 | 1547 |
| 1976 | 0 | 2 | 11 | 22 | 40 | 213 | 387 | 322 | 126 | 12 | 0 | 0 | 1135 |
| 1977 | 0 | 0 | 1 | 46 | 226 | 383 | 528 | 431 | 289 | 34 | 20 | 0 | 1958 |
| 1978 | 0 | 0 | 0 | 23 | 109 | 319 | 403 | 404 | 282 | 19 | 0 | 0 | 1559 |
| 1979 | 0 | 0 | 8 | 28 | 164 | 215 | 312 | 368 | 180 | 20 | 1 | 0 | 1296 |
| 1980 | 0 | 0 | 0 | 27 | 135 | 292 | 519 | 454 | 294 | 16 | 0 | 0 | 1737 |
| 1981 | 0 | 0 | 4 | 75 | 96 | 467 | 475 | 327 | 158 | 19 | 0 | 0 | 1621 |
| 1982 | 0 | 1 | 8 | 6 | 193 | 282 | 396 | 324 | 174 | 58 | 5 | 3 | 1450 |
| 1983 | 0 | 0 | 1 | 3 | 91 | 252 | 465 | 457 | 185 | 15 | 0 | 0 | 1469 |
| 1984 | 0 | 0 | 0 | 13 | 132 | 387 | 335 | 356 | 164 | 116 | 2 | 0 | 1505 |
| 1985 | 0 | 0 | 13 | 50 | 132 | 360 | 359 | 320 | 183 | 88 | 9 | 0 | 1514 |
| 1986 | 0 | 0 | 8 | 62 | 154 | 416 | 567 | 355 | 237 | 74 | 8 | 0 | 1881 |
| 1987 | 0 | 0 | 0 | 33 | 213 | 355 | 485 | 465 | 200 | 0 | 0 | 1 | 1752 |
| 1988 | 0 | 0 | 2 | 13 | 109 | 320 | 423 | 481 | 187 | 14 | 0 | 0 | 1549 |
| 1989 | 0 | 1 | 16 | 44 | 94 | 321 | 419 | 371 | 200 | 57 | 1 | 0 | 1524 |
| 1990 | 0 | 0 | 18 | 25 | 108 | 346 | 431 | 429 | 242 | 46 | 4 | 0 | 1649 |
| 1991 | 0 | 0 | 8 | 45 | 228 | 315 | 489 | 369 | 235 | 42 | 6 | 9 | 1746 |
| 1992 | 0 | 0 | 1 | 37 | 72 | 218 | 458 | 292 | 196 | 0 | 0 | 0 | 1274 |
| 1993 | 0 | 0 | 0 | 0 | 113 | 344 | 572 | 434 | 242 | 38 | 10 | 0 | 1753 |
| 1994 | 0 | 1 | 1 | 52 | 85 | 357 | 383 | 336 | 138 | 16 | 2 | 0 | 1371 |
| 1995 | 0 | 0 | 10 | 56 | 174 | 306 | 532 | 482 | 205 | 48 | 0 | 0 | 1813 |
| 1996 | 0 | 4 | 0 | 15 | 197 | 308 | 427 | 354 | 164 | 22 | 1 | 2 | 1494 |
| 1997 | 0 | 0 | 9 | 5 | 70 | 226 | 433 | 369 | 224 | 43 | 0 | 0 | 1379 |

SNOWFALL (inches) 1997 GREENVILLE-SPARTANBURG (GREER), SC (GSP)

| YEAR | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-------|
| 1968-69 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | T | T | 6.9 | 1.9 | 0.0 | 0.0 | 0.0 | 10.7 |
| 1969-70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| 1970-71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.9 | T | 1.0 | 6.6 | 0.0 | 0.0 | 0.0 | 10.5 |
| 1971-72 | 0.0 | 0.0 | 0.0 | 0.0 | T | 11.4 | 0.0 | 3.9 | 1.8 | 0.0 | 0.0 | 0.0 | 17.1 |
| 1972-73 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 |
| 1973-74 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| 1974-75 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.3 | T | 0.0 | 0.0 | 0.0 | 1.3 |
| 1975-76 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T |
| 1976-77 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 |
| 1977-78 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 1.1 | 2.8 | 0.0 | 0.0 | 0.0 | 3.9 |
| 1978-79 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 12.3 | 0.0 | 0.0 | 0.0 | 0.0 | 13.2 |
| 1979-80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 7.6 | 3.6 | 0.0 | 0.0 | 0.0 | 14.4 |
| 1980-81 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.0 | 0.0 | T | 0.0 | 0.0 | 0.0 | 1.0 |
| 1981-82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 7.0 | 5.1 | 0.0 | 0.0 | 0.0 | 0.0 | 12.1 |
| 1982-83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 3.0 | 9.3 | 0.1 | 0.0 | 0.0 | 16.8 |
| 1983-84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 |
| 1984-85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 |
| 1985-86 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 1.4 | T | 0.0 | 0.0 | 0.0 | 1.4 |
| 1986-87 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 10.8 | 0.9 | T | 0.3 | 0.0 | 0.0 | 12.0 |
| 1987-88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | T | 12.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5 |
| 1988-89 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 |
| 1989-90 | T | 0.0 | 0.0 | 0.0 | T | 0.9 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.0 | 0.9 |
| 1990-91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 |
| 1991-92 | 0.0 | 0.0 | 0.0 | 0.0 | T | T | T | T | 0.0 | 0.0 | T | 0.0 | T |
| 1992-93 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.0 | 0.4 | 9.8 | 0.0 | 0.0 | 0.0 | 10.2 |
| 1993-94 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 1.7 | 0.4 | 0.0 | 0.0 | 0.0 | T | 2.8 |
| 1994-95 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T | 0.4 | T | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 1995-96 | T | 0.0 | 0.0 | 0.0 | T | 0.0 | 7.8 | 1.4 | T | 0.0 | T | 0.0 | 9.2 |
| 1996-97 | T | | 0.0 | 0.0 | T | 2.0 | 0.1 | 0.3 | T | 0.0 | 0.0 | 0.0 | |
| 1997- | 0.0 | 0.0 | 0.0 | 0.0 | T | 3.2 | | | | | | | |
| POR= 34 YRS | T | 0.0 | 0.0 | 0.0 | 0.1 | 0.6 | 2.4 | 1.7 | 1.1 | 0.0 | T | T | 5.9 |

WBAN : 03870

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 (1961 - 1990). 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 EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p> |
|---|---|

1997
GREENVILLE-SPARTANBURG (GREER),
SOUTH CAROLINA (GSP)

This station, three miles south of Greer, South Carolina, is located in the Piedmont section, on the eastern slope of the Southern Appalachian Mountains. It is rolling country with the first ridge of the mountains about 20 miles to the northwest and the main ridge about 55 miles to the northwest. These mountains usually protect this area from the full force of the cold air masses which move southeastward from central Canada during the winter months.

At present, the National Weather Service Office is located at the Greenville-Spartanburg Jet Age Airport, on a level with, or slightly higher than, most of the surrounding countryside. No bodies of water are nearby. Temperatures are quite consistent with those in Greer, Greenville, and Spartanburg.

The elevation of the area, ranging from 800 to 1,100 feet is conducive to cool nights, especially during the summer months. Winters are quite pleasant, with the temperature remaining below freezing throughout the daylight hours only a few times during a normal year. There are usually two freezing rainstorms each winter and two or three small snowstorms.

Rainfall in this section is usually abundant and spread quite evenly through the months. Droughts have been experienced, but are usually of short duration.

The mountain ridges, which lie in a northeast-southwest direction, appear to have a definite overall influence on the direction of the wind. The prevailing directions are northeast and southwest, divided almost evenly, with fall and winter favoring northeast and spring and summer favoring southwest. Destructive winds occur occasionally, while tornadoes are infrequent in this vicinity.

In the southern two-thirds of Greenville and Spartanburg Counties, including the cities of the same names, the average occurrence of the last temperature of 32 degrees in spring is late March and the average occurrence of the first in fall is early November, giving an average growing season of 225 days. In a normal year some flowering shrubs bloom through the winter. In the higher elevations in the northern thirds of these counties, the growing season begins about one month later and ends about one month earlier.

STATION LOCATION

GREENVILLE-SPARTANBURG AIRPORT
GREER, SOUTH CAROLINA

| LOCATION | OCCUPIED FROM | OCCUPIED TO | AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION | NORTH | WEST | ELEVATION ABOVE | | | | | | | | | | AUTOMATED | * Type | REMARKS | |
|--|---------------|-------------|---|---------|---------|-----------------|--------|-----------|------------|---------|------|-----------|------------|----------|------|---|--------|---------|-----------|
| | | | | | | SEA LEVEL | GROUND | | | | | | | | | | | | |
| | | | | | | | WIND | EMERGENCY | MEMORANDUM | STATION | WIND | EMERGENCY | MEMORANDUM | STATION | WIND | | | | EMERGENCY |
| Control Tower Bldg. Greenville-Spartanburg Airport, Greer, S. C. | 10/15/62 | Present | NA | 34° 54' | 82° 13' | b957 | 23 | NA | NA d16 | 20 | 16 | NA c16 | 15 | NA a4 | NA | a - Installed 10/25/62 b - Established 10/25/62 c - Installed on roof 5/1/64. d - Installed on roof 11/8/71. S ASOS Commissioned 04/01/96 | | | |

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.
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