

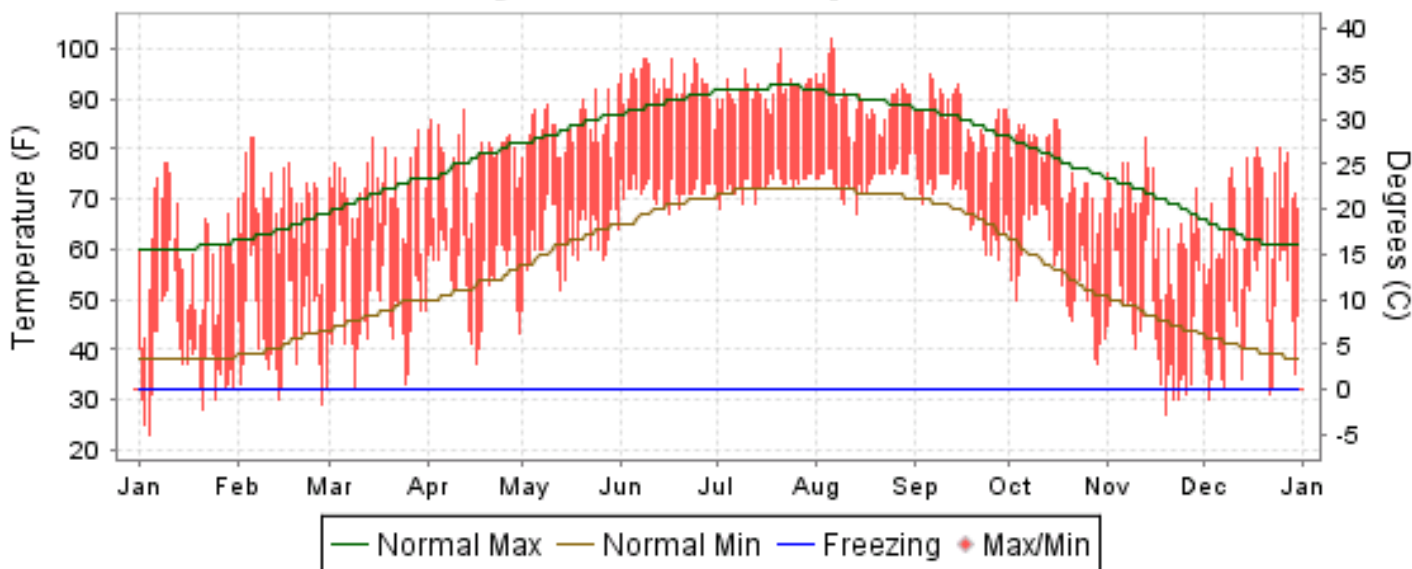


# 2008 LOCAL CLIMATOLOGICAL DATA ANNUAL SUMMARY WITH COMPARATIVE DATA

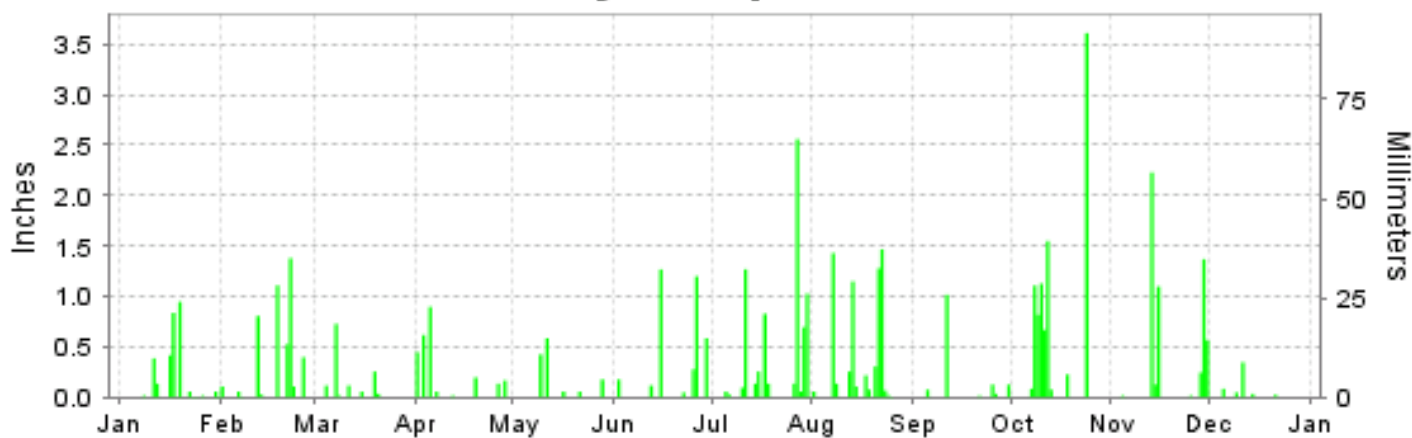
ISSN 0198-1668

## SAVANNAH, GEORGIA (KSAV)

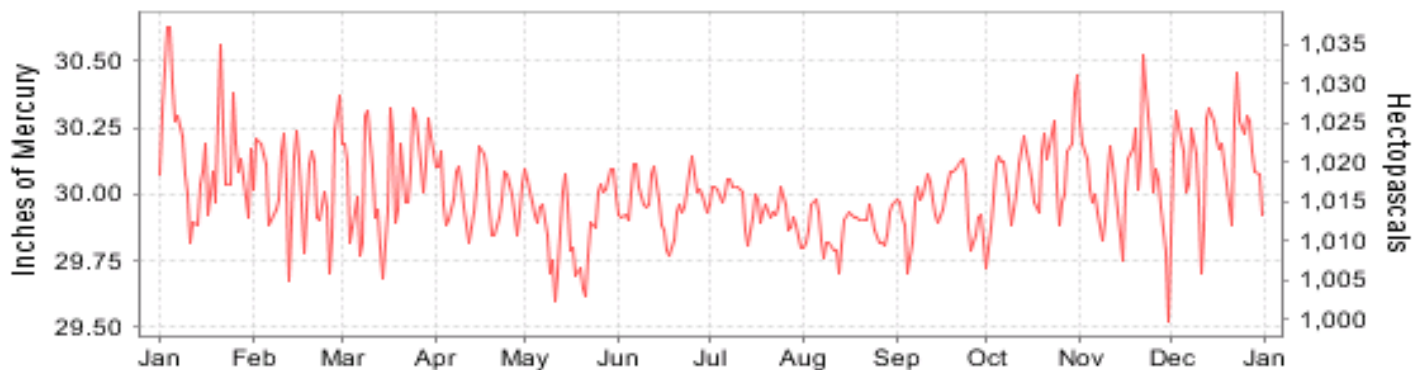
### Daily Max/Min Temperature



### Daily Precipitation



### Daily Station Pressure



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AND INFORMATION SERVICE

NATIONAL  
CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Thomas R. Karl*  
DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 2008

## SAVANNAH (KSAV)

LATITUDE: 32 ° 7 'N      LONGITUDE: -81 ° 12'W      ELEVATION (FT): GRND: 25    BARO: 143      TIME ZONE: EASTERN (UTC -5)      WBAN: 03822

| ELEMENT                  |                             | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR   |    |
|--------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|----|
| TEMPERATURE °F           | MEAN DAILY MAXIMUM          | 59.1  | 69.0  | 71.8  | 77.3  | 84.4  | 93.4  | 92.0  | 90.3  | 86.5  | 76.5  | 66.2  | 67.5   | 77.8   |    |
|                          | HIGHEST DAILY MAXIMUM       | 77    | 82    | 84    | 88    | 93    | 98    | 100   | 102   | 95    | 86    | 82    | 80     | 102    |    |
|                          | DATE OF OCCURRENCE          | 10+   | 06+   | 29    | 12    | 31    | 24+   | 21    | 06    | 06    | 16+   | 13    | 25+    | AUG 06 |    |
|                          | MEAN DAILY MINIMUM          | 39.0  | 43.0  | 47.6  | 54.5  | 62.0  | 71.5  | 72.6  | 73.8  | 69.0  | 56.0  | 44.5  | 46.0   | 56.6   |    |
|                          | LOWEST DAILY MINIMUM        | 23    | 29    | 32    | 37    | 48    | 67    | 68    | 67    | 58    | 37    | 27    | 30     | 23     |    |
|                          | DATE OF OCCURRENCE          | 04    | 28    | 09    | 16    | 01    | 16    | 02    | 14    | 28    | 29    | 19    | 03     | JAN 04 |    |
|                          | AVERAGE DRY BULB            | 49.1  | 56.0  | 59.7  | 65.9  | 73.2  | 82.5  | 82.3  | 82.1  | 77.8  | 66.3  | 55.4  | 56.8   | 67.3   |    |
|                          | MEAN WET BULB               | 44.5  | 50.2  | 52.8  | 59.0  | 65.2  | 72.9  | 74.1  | 74.7  | 70.3  | 59.3  | 50.2  | 51.9   | 60.4   |    |
|                          | MEAN DEW POINT              | 38.8  | 43.5  | 46.5  | 53.5  | 60.4  | 68.9  | 71.1  | 72.3  | 66.8  | 54.6  | 44.6  | 47.2   | 55.7   |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | MAXIMUM >= 90°              | 0     | 0     | 0     | 0     | 4     | 28    | 27    | 19    | 10    | 0     | 0     | 0      | 0      | 88 |
|                          | MAXIMUM <= 32°              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 7     | 0     | 0      | 0      | 7  |
| MINIMUM <= 32°           | 9                           | 4     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 4     | 4      | 22     |    |
| MINIMUM <= 0°            | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      |    |
| H/C                      | HEATING DEGREE DAYS         | 490   | 269   | 185   | 65    | 2     | 0     | 0     | 0     | 0     | 88    | 298   | 280    | 1677   |    |
|                          | COOLING DEGREE DAYS         | 4     | 14    | 29    | 99    | 260   | 529   | 545   | 536   | 392   | 135   | 14    | 29     | 2586   |    |
| RH                       | MEAN (PERCENT)              | 72    | 68    | 67    | 71    | 68    | 70    | 75    | 78    | 73    | 72    | 71    | 74     | 72     |    |
|                          | HOUR 01 LST                 | 81    | 81    | 82    | 87    | 84    | 87    | 89    | 88    | 85    | 84    | 83    | 83     | 85     |    |
|                          | HOUR 07 LST                 | 82    | 86    | 77    | 79    | 75    | 77    | 81    | 84    | 80    | 82    | 81    | 84     | 81     |    |
|                          | HOUR 13 LST                 | 53    | 44    | 44    | 49    | 48    | 47    | 56    | 60    | 55    | 51    | 50    | 57     | 51     |    |
|                          | HOUR 19 LST                 | 74    | 69    | 69    | 72    | 67    | 71    | 77    | 80    | 76    | 77    | 79    | 77     | 74     |    |
| S                        | PERCENT POSSIBLE SUNSHINE   |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
| W/O                      | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | HEAVY FOG(VISBY <= 1/4 MI)  | 3     | 4     | 2     | 4     | 2     | 0     | 1     | 3     | 0     | 4     | 3     | 5      | 31     |    |
|                          | THUNDERSTORMS               | 0     | 3     | 1     | 4     | 4     | 9     | 11    | 3     | 1     | 2     | 2     | 1      | 41     |    |
| CLOUDNESS                | 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.)   | 30.16 | 30.03 | 30.06 | 30.00 | 29.89 | 29.97 | 29.96 | 29.87 | 29.96 | 30.08 | 30.05 | 30.12  | 30.01  |    |
|                          | MEAN SEA-LEVEL PRESS. (IN.) | 30.21 | 30.09 | 30.11 | 30.05 | 29.95 | 30.03 | 30.01 | 29.92 | 30.01 | 30.13 | 30.10 | 30.19  | 30.07  |    |
| WINDS                    | RESULTANT SPEED (MPH)       | 2.2   | 2.7   | 1.6   | 0.2   | 2.6   | 3.3   | 1.4   | 2.1   | 3.1   | 3.0   | 1.6   | 1.6    | 0.4    |    |
|                          | RES. DIR. (TENS OF DEGS.)   | 32    | 22    | 19    | 34    | 20    | 18    | 18    | 12    | 03    | 02    | 30    | 23     | 21     |    |
|                          | MEAN SPEED (MPH)            | 6.1   | 6.3   | 7.8   | 6.6   | 6.7   | 5.8   | 5.9   | 6.8   | 7.3   | 6.8   | 6.2   | 6.3    | 6.6    |    |
|                          | PREVAIL.DIR.(TENS OF DEGS.) | 28    | 28    | 17    | 16    | 15    | 19    | 20    | 19    | 01    | 04    | 20    | 17     | 04     |    |
|                          | MAXIMUM 2-MINUTE WIND       |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | SPEED (MPH)                 | 26    | 26    | 30    | 28    | 29    | 33    | 30    | 30    | 28    | 30    | 21    | 32     | 33     |    |
|                          | DIR. (TENS OF DEGS.)        | 30    | 30    | 24    | 35    | 29    | 32    | 15    | 10    | 36    | 10    | 35    | 24     | 32     |    |
|                          | DATE OF OCCURRENCE          | 02    | 27    | 08    | 15    | 12    | 25    | 27    | 22    | 25    | 10    | 21    | 11     | JUN 25 |    |
|                          | MAXIMUM 3-SECOND WIND:      |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | SPEED (MPH)                 | 36    | 36    | 41    | 35    | 37    | 52    | 38    | 40    | 33    | 45    | 29    | 41     | 52     |    |
| DIR. (TENS OF DEGS.)     | 29                          | 27    | 22    | 16    | 29    | 33    | 18    | 09    | 01    | 11    | 34    | 24    | 33     |        |    |
| DATE OF OCCURRENCE       | 02                          | 22    | 08    | 27    | 12    | 25    | 27    | 22    | 25    | 10    | 18    | 11    | JUN 25 |        |    |
| PRECIPITATION            | WATER EQUIVALENT:           |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | TOTAL (IN.)                 | 2.93  | 4.55  | 1.35  | 2.56  | 1.32  | 3.69  | 7.32  | 6.61  | 1.42  | 9.29  | 5.69  | 0.56   | 47.29  |    |
|                          | GREATEST 24-HOUR (IN.)      | 1.26  | 1.53  | 0.75  | 0.90  | 0.59  | 1.27  | 2.70  | 1.81  | 1.02  | 3.61  | 2.23  | 0.35   | 3.61   |    |
|                          | DATE OF OCCURRENCE          | 16-17 | 21-22 | 07-08 | 05    | 11    | 15    | 26-27 | 21-22 | 11    | 24    | 13    | 11     | OCT 24 |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | PRECIPITATION 0.01          | 12    | 10    | 7     | 8     | 5     | 7     | 13    | 14    | 6     | 9     | 8     | 5      | 104    |    |
| PRECIPITATION 0.10       | 5                           | 7     | 4     | 6     | 3     | 6     | 10    | 9     | 3     | 9     | 6     | 1     | 69     |        |    |
| PRECIPITATION 1.00       | 0                           | 2     | 0     | 0     | 0     | 2     | 3     | 4     | 1     | 4     | 3     | 0     | 19     |        |    |
| SNOWFALL                 | SNOW,ICE PELLETS,HAIL       |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
|                          | TOTAL (IN.)                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T      |    |
|                          | GREATEST 24-HOUR (IN.)      | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T      |    |
|                          | DATE OF OCCURRENCE          |       |       |       |       |       | 25    | 30    |       |       |       |       |        | JUL 30 |    |
|                          | MAXIMUM SNOW DEPTH (IN.)    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      |    |
|                          | NUMBER OF DAYS WITH:        |       |       |       |       |       |       |       |       |       |       |       |        |        |    |
| SNOWFALL >= 1.0          | 0                           | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |        |    |

# NORMALS, MEANS, AND EXTREMES SAVANNAH (KSAV)

LATITUDE:  
32 ° 7 'N

LONGITUDE:  
-81 ° 12'W

ELEVATION (FT):  
GRND: 25 BARO: 143

TIME ZONE:  
EASTERN (UTC -5)

WBAN: 03822

|  | ELEMENT   | POR | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | YEAR     |          |
|--|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F                           | NORMAL DAILY MAXIMUM                              | 30  | 60.4  | 64.1  | 71.0  | 77.7  | 84.3  | 89.5  | 92.3  | 90.3  | 86.0  | 78.1  | 70.5  | 62.6  | 77.2     |          |
|  | MEAN DAILY MAXIMUM                                | 58  | 60.4  | 63.8  | 70.5  | 77.7  | 84.4  | 89.1  | 91.6  | 90.3  | 85.7  | 78.0  | 70.0  | 62.5  | 77.0     |          |
|  | HIGHEST DAILY MAXIMUM                             | 58  | 84    | 86    | 91    | 95    | 100   | 104   | 105   | 104   | 98    | 97    | 89    | 83    | 105      |          |
|  | YEAR OF OCCURRENCE                                |     | 1957  | 1989  | 1974  | 1986  | 1953  | 1985  | 1986  | 1954  | 1986  | 1986  | 1961  | 1971  | 1971     | JUL 1986 |
|  | MEAN OF EXTREME MAXS.                             | 58  | 76.3  | 79.7  | 84.6  | 89.2  | 93.7  | 97.3  | 98.3  | 97.1  | 93.7  | 88.4  | 82.5  | 77.6  | 88.2     |          |
|  | NORMAL DAILY MINIMUM                              | 30  | 38.0  | 40.9  | 47.5  | 52.9  | 61.3  | 68.1  | 71.8  | 71.3  | 67.3  | 56.1  | 46.9  | 40.1  | 55.2     |          |
|  | MEAN DAILY MINIMUM                                | 58  | 38.5  | 41.2  | 47.4  | 54.0  | 62.2  | 69.0  | 72.3  | 72.0  | 67.8  | 56.9  | 46.8  | 40.3  | 55.7     |          |
|  | LOWEST DAILY MINIMUM                              | 58  | 3     | 14    | 20    | 28    | 39    | 51    | 61    | 57    | 43    | 28    | 15    | 9     | 3        |          |
|  | YEAR OF OCCURRENCE                                |     | 1985  | 1958  | 1980  | 2007  | 1963  | 1984  | 1972  | 1986  | 1967  | 1952  | 1970  | 1983  | 1983     | JAN 1985 |
|  | MEAN OF EXTREME MINS.                             | 58  | 21.2  | 24.8  | 30.3  | 38.5  | 49.0  | 60.4  | 66.7  | 66.0  | 56.5  | 39.9  | 29.7  | 23.3  | 42.2     |          |
|  | NORMAL DRY BULB                                   | 30  | 49.2  | 52.5  | 59.3  | 65.3  | 72.8  | 78.8  | 82.1  | 80.8  | 76.7  | 67.1  | 58.7  | 51.4  | 66.2     |          |
|  | MEAN DRY BULB                                     | 58  | 49.5  | 52.5  | 59.0  | 65.9  | 73.3  | 79.2  | 81.9  | 81.2  | 76.8  | 67.5  | 58.4  | 51.4  | 66.4     |          |
|  | MEAN WET BULB                                     | 25  | 44.6  | 47.1  | 52.3  | 57.5  | 65.3  | 71.9  | 74.6  | 74.6  | 70.5  | 61.8  | 53.7  | 46.9  | 60.1     |          |
|  | MEAN DEW POINT                                    | 25  | 40.0  | 42.6  | 47.8  | 53.1  | 62.0  | 69.8  | 72.6  | 72.7  | 68.6  | 59.0  | 50.7  | 43.0  | 56.8     |          |
|  | NORMAL NO. DAYS WITH:<br>MAXIMUM >= 90            | 30  | 0.0   | 0.0   | *     | 1.3   | 5.5   | 15.2  | 23.0  | 18.6  | 8.1   | 0.6   | 0.0   | 0.0   | 72.3     |          |
|  | MAXIMUM <= 32                                     | 30  | 0.1   | 0.1   | *     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.3      |          |
| MINIMUM <= 32                            | 30  | 8.7 | 5.5   | 1.2   | *     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | *     | 1.5   | 6.7   | 23.6  |          |          |
| MINIMUM <= 0                             | 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   | 0.0   |          |          |
| H/C                                      | NORMAL HEATING DEG. DAYS                          | 30  | 480   | 350   | 202   | 74    | 7     | 0     | 0     | 0     | 2     | 57    | 211   | 416   | 1799     |          |
|  | NORMAL COOLING DEG. DAYS                          | 30  | 6     | 11    | 39    | 99    | 265   | 430   | 546   | 506   | 366   | 138   | 38    | 10    | 2454     |          |
| RH                                       | NORMAL (PERCENT)                                  | 30  | 70    | 68    | 67    | 66    | 70    | 74    | 76    | 78    | 78    | 75    | 74    | 72    | 72       |          |
|  | HOURLY 01 LST                                     | 30  | 78    | 77    | 79    | 80    | 85    | 87    | 88    | 90    | 89    | 86    | 85    | 81    | 84       |          |
|  | HOURLY 07 LST                                     | 30  | 82    | 82    | 83    | 84    | 86    | 88    | 89    | 91    | 91    | 89    | 87    | 84    | 86       |          |
|  | HOURLY 13 LST                                     | 30  | 56    | 51    | 49    | 46    | 51    | 55    | 57    | 60    | 60    | 54    | 54    | 56    | 54       |          |
|  | HOURLY 19 LST                                     | 30  | 67    | 62    | 61    | 59    | 64    | 69    | 72    | 75    | 76    | 74    | 74    | 71    | 69       |          |
| S  | PERCENT POSSIBLE SUNSHINE                         | 46  | 54    | 57    | 62    | 71    | 68    | 65    | 63    | 62    | 57    | 63    | 61    | 55    | 62       |          |
| W/O                                      | MEAN NO. DAYS WITH:<br>HEAVY FOG(VISBY <= 1/4 MI) | 45  | 4.2   | 3.0   | 2.9   | 2.4   | 3.0   | 2.2   | 1.1   | 1.8   | 3.1   | 3.2   | 4.2   | 4.6   | 35.7     |          |
|  | THUNDERSTORMS                                     | 58  | 1.1   | 1.4   | 2.8   | 3.5   | 6.3   | 10.4  | 14.5  | 11.9  | 5.3   | 1.5   | 0.6   | 0.6   | 59.9     |          |
| CLOUDNESS                                | MEAN:<br>SUNRISE-SUNSET (OKTAS)                   | 46  | 5.0   | 4.9   | 4.8   | 4.3   | 4.6   | 4.9   | 4.9   | 4.9   | 4.9   | 4.1   | 4.2   | 4.8   | 4.7      |          |
|  | MIDNIGHT-MIDNIGHT (OKTAS)                         | 32  | 4.6   | 4.5   | 4.3   | 3.7   | 4.1   | 4.4   | 4.5   | 4.4   | 4.3   | 3.7   | 3.8   | 4.3   | 4.2      |          |
|  | MEAN NO. DAYS WITH:<br>CLEAR                      | 46  | 9.3   | 8.5   | 9.0   | 10.6  | 9.2   | 6.8   | 5.6   | 5.8   | 7.0   | 11.8  | 11.0  | 9.2   | 103.8    |          |
|  | PARTLY CLOUDY                                     | 46  | 6.0   | 6.2   | 8.5   | 8.6   | 10.0  | 11.2  | 13.6  | 13.6  | 10.3  | 7.9   | 7.0   | 7.1   | 110.0    |          |
|  | CLOUDY  | 46  | 15.7  | 13.7  | 13.5  | 10.7  | 11.8  | 12.0  | 11.9  | 11.6  | 12.6  | 11.4  | 12.0  | 14.7  | 151.6    |          |
| PR                                       | MEAN STATION PRESSURE(IN)                         | 25  | 30.09 | 30.06 | 30.02 | 29.97 | 29.96 | 29.96 | 29.98 | 29.97 | 29.97 | 30.02 | 30.07 | 30.10 | 30.01    |          |
|  | MEAN SEA-LEVEL PRES. (IN)                         | 25  | 30.15 | 30.11 | 30.07 | 30.02 | 30.01 | 30.01 | 30.03 | 30.02 | 30.02 | 30.07 | 30.12 | 30.15 | 30.07    |          |
| WINDS                                    | MEAN SPEED (MPH)                                  | 25  | 7.4   | 7.7   | 8.2   | 7.6   | 6.9   | 6.5   | 6.1   | 5.9   | 6.8   | 6.5   | 6.5   | 6.6   | 6.9      |          |
|  | PREVAIL.DIR.(TENS OF DEGS)                        | 32  | 28    | 28    | 19    | 19    | 19    | 19    | 22    | 19    | 03    | 04    | 04    | 28    | 03       |          |
|  | MAXIMUM 2-MINUTE:<br>SPEED (MPH)                  | 12  | 36    | 31    | 43    | 31    | 38    | 43    | 45    | 37    | 40    | 32    | 33    | 32    | 45       |          |
|  | DIR. (TENS OF DEGS)                               |     | 32    | 05    | 16    | 36    | 32    | 05    | 04    | 34    | 01    | 36    | 16    | 24    | 04       |          |
|  | YEAR OF OCCURRENCE                                |     | 2005  | 2005  | 2001  | 2006  | 2005  | 1998  | 1997  | 1999  | 1999  | 1999  | 2006  | 2008  | 2008     | JUL 1997 |
|  | MAXIMUM 3-SECOND<br>SPEED (MPH)                   | 12  | 43    | 39    | 58    | 49    | 52    | 56    | 51    | 54    | 54    | 45    | 44    | 43    | 58       |          |
|  | DIR. (TENS OF DEGS)                               |     | 32    | 06    | 16    | 29    | 24    | 06    | 04    | 06    | 17    | 11    | 16    | 19    | 16       |          |
|  | YEAR OF OCCURRENCE                                |     | 2005  | 2005  | 2001  | 2005  | 2004  | 1998  | 1997  | 1997  | 1998  | 2008  | 2006  | 2002  | MAR 2001 |          |
| PRECIPITATION                            | NORMAL (IN)                                       | 30  | 3.95  | 2.92  | 3.64  | 3.32  | 3.61  | 5.49  | 6.04  | 7.20  | 5.08  | 3.12  | 2.40  | 2.81  | 49.58    |          |
|  | MAXIMUM MONTHLY (IN)                              | 58  | 8.98  | 7.92  | 9.57  | 10.57 | 10.08 | 14.39 | 20.10 | 17.03 | 13.47 | 19.84 | 5.69  | 9.44  | 20.10    |          |
|  | YEAR OF OCCURRENCE                                |     | 1991  | 1964  | 1959  | 1991  | 1957  | 1963  | 1964  | 1995  | 1953  | 1994  | 2008  | 2007  | 2007     | JUL 1964 |
|  | MINIMUM MONTHLY (IN)                              | 58  | 0.45  | 0.26  | 0.09  | 0.33  | 0.36  | 0.84  | 1.35  | 1.02  | 0.35  | 0.02  | 0.05  | 0.12  | 0.02     |          |
|  | YEAR OF OCCURRENCE                                |     | 1989  | 1991  | 2004  | 2007  | 2001  | 1954  | 1972  | 1980  | 1991  | 2000  | 2007  | 1984  | 2000     | OCT 2000 |
|  | MAXIMUM IN 24 HOURS (IN)                          | 58  | 3.74  | 3.46  | 4.65  | 5.62  | 5.67  | 6.77  | 6.36  | 8.71  | 6.80  | 8.86  | 5.02  | 7.31  | 8.86     |          |
|  | YEAR OF OCCURRENCE                                |     | 1998  | 1964  | 1959  | 1976  | 1976  | 1999  | 1957  | 1995  | 1979  | 1994  | 1969  | 2007  | 2007     | OCT 1994 |
|  | NORMAL NO. DAYS WITH:<br>PRECIPITATION >= 0.01    | 30  | 10.0  | 8.0   | 8.6   | 6.6   | 8.3   | 11.2  | 12.7  | 13.2  | 10.5  | 6.3   | 6.8   | 8.6   | 110.8    |          |
| PRECIPITATION >= 1.00                    | 30  | 1.0 | 0.7   | 1.0   | 0.9   | 1.0   | 1.4   | 1.8   | 2.2   | 1.4   | 0.6   | 0.7   | 0.8   | 13.5  |          |          |
| SNOWFALL                                 | NORMAL (IN)                                       | 30  | 0.1   | 0.2   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 0.6      |          |
|  | MAXIMUM MONTHLY (IN)                              | 53  | 2.0   | 3.6   | 1.1   | T     | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | T     | 3.6   | 3.6      |          |
|  | YEAR OF OCCURRENCE                                |     | 1977  | 1968  | 1986  | 2006  |       | 2008  | 2008  |       |       |       | 2006  | 1989  | 1989     | DEC 1989 |
|  | MAXIMUM IN 24 HOURS (IN)                          | 53  | 1.3   | 3.6   | 1.1   | T     | 0.0   | T     | T     | 0.0   | 0.0   | 0.0   | T     | 3.4   | 3.6      |          |
|  | YEAR OF OCCURRENCE                                |     | 1977  | 1968  | 1986  | 2006  |       | 1989  | 2008  |       |       |       | 2006  | 1989  | 1989     | FEB 1968 |
|  | MAXIMUM SNOW DEPTH (IN)                           | 51  | 0     | 4     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 4        |          |
|  | YEAR OF OCCURRENCE                                |     |       | 1968  |       |       |       |       |       |       |       |       |       | 1989  | 1989     | DEC 1989 |
| NORMAL NO. DAYS WITH:<br>SNOWFALL >= 1.0 | 30  | 0.0 | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   |          |          |

**PRECIPITATION (inches) 2008 SAVANNAH (KSAV)**

| YEAR           | JAN  | FEB  | MAR  | APR   | MAY  | JUN   | JUL   | AUG   | SEP   | OCT   | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|--------|
| 1979           | 3.96 | 4.14 | 2.42 | 3.83  | 8.49 | 7.37  | 10.78 | 2.65  | 12.20 | 0.70  | 2.70 | 2.68 | 61.92  |
| 1980           | 2.95 | 1.29 | 7.75 | 3.68  | 4.50 | 3.47  | 2.38  | 1.02  | 5.81  | 1.62  | 2.04 | 1.33 | 37.84  |
| 1981           | 1.03 | 2.94 | 3.91 | 1.75  | 2.10 | 3.01  | 5.42  | 10.91 | 2.88  | 1.29  | 1.65 | 3.17 | 40.06  |
| 1982           | 3.47 | 2.94 | 1.64 | 6.25  | 4.18 | 9.15  | 6.70  | 9.18  | 2.98  | 1.74  | 0.40 | 3.63 | 52.26  |
| 1983           | 5.90 | 5.23 | 9.01 | 5.15  | 1.07 | 5.81  | 5.30  | 3.67  | 3.39  | 1.03  | 4.18 | 4.77 | 54.51  |
| 1984           | 8.87 | 3.21 | 5.13 | 3.41  | 5.29 | 1.48  | 7.88  | 3.46  | 7.43  | 1.23  | 3.15 | 0.12 | 50.66  |
| 1985           | 0.51 | 1.37 | 1.65 | 1.37  | 2.18 | 6.72  | 5.00  | 9.42  | 0.76  | 3.37  | 4.28 | 2.01 | 38.64  |
| 1986           | 2.03 | 5.28 | 2.85 | 0.38  | 2.06 | 2.98  | 5.49  | 12.31 | 0.49  | 1.99  | 4.40 | 5.07 | 45.33  |
| 1987           | 8.62 | 4.39 | 5.33 | 0.50  | 3.82 | 8.03  | 4.37  | 9.46  | 8.16  | 0.33  | 2.06 | 1.41 | 56.48  |
| 1988           | 3.44 | 4.09 | 2.11 | 5.05  | 3.52 | 2.63  | 1.80  | 10.68 | 9.62  | 2.81  | 1.43 | 0.99 | 48.17  |
| 1989           | 0.45 | 0.67 | 1.41 | 3.59  | 3.10 | 7.30  | 4.91  | 6.29  | 7.98  | 4.71  | 1.26 | 5.20 | 46.87  |
| 1990           | 3.91 | 3.08 | 3.79 | 1.75  | 2.07 | 0.97  | 1.92  | 7.25  | 1.26  | 12.50 | 2.48 | 2.10 | 43.08  |
| 1991           | 8.98 | 0.26 | 5.48 | 10.57 | 7.13 | 5.12  | 15.41 | 10.51 | 0.35  | 1.60  | 1.26 | 1.75 | 68.42  |
| 1992           | 6.60 | 2.24 | 3.97 | 2.08  | 2.04 | 13.01 | 2.03  | 7.69  | 8.42  | 3.60  | 5.15 | 1.53 | 58.36  |
| 1993           | 5.52 | 3.35 | 7.96 | 3.22  | 1.31 | 2.48  | 4.34  | 3.04  | 6.84  | 2.58  | 5.26 | 2.15 | 48.05  |
| 1994           | 4.70 | 0.78 | 3.75 | 2.13  | 6.17 | 7.80  | 6.90  | 2.64  | 6.60  | 19.84 | 3.67 | 4.46 | 69.44  |
| 1995           | 2.44 | 4.47 | 0.72 | 0.69  | 3.52 | 5.89  | 6.65  | 17.03 | 4.10  | 3.42  | 1.29 | 0.89 | 51.11  |
| 1996           | 2.01 | 1.35 | 4.29 | 2.43  | 1.44 | 2.44  | 5.23  | 7.12  | 2.84  | 3.45  | .88  | 2.72 | 36.20  |
| 1997           | 3.12 | 2.34 | 1.54 | 3.62  | 2.99 | 5.90  | 11.64 | 4.56  | 5.32  | 5.65  | 5.04 | 3.98 | 55.70  |
| 1998           | 7.51 | 6.88 | 3.98 | 5.68  | 1.97 | 1.93  | 8.27  | 3.79  | 5.56  | 1.28  | 0.30 | 2.32 | 49.47  |
| 1999           | 4.73 | 1.95 | 1.25 | 1.68  | 2.54 | 14.25 | 7.15  | 4.26  | 6.50  | 2.04  | 0.49 | 1.94 | 48.78  |
| 2000           | 2.71 | 1.56 | 4.30 | 2.84  | 0.96 | 5.47  | 3.38  | 4.18  | 7.45  | T     | 1.77 | 2.82 | 37.44  |
| 2001           | 1.71 | 0.77 | 6.65 | 0.71  | 0.36 | 6.41  | 4.85  | 4.65  | 4.72  | 0.16  | 0.16 | 0.49 | 31.64  |
| 2002           | 2.37 | 1.54 | 5.52 | 0.39  | 0.99 | 10.49 | 3.46  | 4.31  | 5.54  | 4.33  | 4.60 | 3.88 | 47.42  |
| 2003           | 0.65 | 3.23 | 7.84 | 6.21  | 5.99 | 4.82  | 6.38  | 2.82  | 3.61  | 3.02  | 1.67 | 1.47 | 47.71  |
| 2004           | 2.03 | 2.76 | 0.09 | 4.57  | 1.64 | 8.51  | 3.41  | 3.70  | 4.60  | 3.03  | 1.08 | 1.76 | 37.18  |
| 2005           | 1.41 | 1.96 | 7.06 | 2.96  | 3.89 | 6.60  | 3.87  | 5.32  | 0.48  | 6.93  | 2.83 | 2.72 | 46.03  |
| 2006           | 2.94 | 3.91 | 0.32 | 1.91  | 0.65 | 6.31  | 2.98  | 4.37  | 5.22  | 1.02  | 2.03 | 2.79 | 34.45  |
| 2007           | 2.72 | 2.00 | 1.88 | 0.33  | 1.52 | 8.95  | 7.01  | 4.33  | 7.42  | 4.29  | 0.05 | 9.44 | 49.94  |
| 2008           | 2.93 | 4.55 | 1.35 | 2.56  | 1.32 | 3.69  | 7.32  | 6.61  | 1.42  | 9.29  | 5.69 | 0.56 | 47.29  |
| POR=<br>58 YRS | 3.38 | 3.00 | 3.79 | 3.08  | 3.70 | 5.84  | 6.56  | 6.60  | 4.96  | 3.04  | 2.14 | 2.74 | 48.83  |

WBAN : 03822

**AVERAGE TEMPERATURE (°F) 2008 SAVANNAH (KSAV)**

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1979           | 45.4 | 49.0 | 59.8 | 67.7 | 73.9 | 76.8 | 82.1 | 81.4 | 77.4 | 67.5 | 60.4 | 50.7 | 66.0   |
| 1980           | 50.7 | 48.5 | 57.1 | 66.2 | 73.3 | 79.7 | 84.4 | 83.4 | 80.4 | 65.4 | 56.7 | 48.1 | 66.2   |
| 1981           | 43.5 | 52.6 | 56.8 | 69.0 | 71.6 | 84.5 | 84.4 | 79.2 | 75.2 | 65.4 | 57.7 | 48.3 | 65.7   |
| 1982           | 48.7 | 55.9 | 62.1 | 64.8 | 74.3 | 80.2 | 81.3 | 81.0 | 75.5 | 67.6 | 61.8 | 57.4 | 67.6   |
| 1983           | 46.1 | 50.8 | 58.0 | 62.8 | 73.0 | 78.2 | 84.1 | 82.9 | 75.7 | 69.7 | 57.7 | 48.5 | 65.6   |
| 1984           | 47.7 | 53.7 | 59.3 | 65.7 | 72.9 | 79.2 | 80.6 | 81.5 | 75.0 | 73.2 | 55.7 | 59.5 | 67.0   |
| 1985           | 45.3 | 53.0 | 61.5 | 66.9 | 74.6 | 81.3 | 82.7 | 80.7 | 76.6 | 72.2 | 67.5 | 48.9 | 67.6   |
| 1986           | 47.6 | 56.9 | 59.1 | 66.8 | 75.0 | 82.5 | 85.7 | 81.6 | 79.7 | 70.0 | 65.0 | 53.9 | 68.7   |
| 1987           | 49.0 | 50.4 | 58.2 | 63.9 | 74.1 | 80.6 | 83.6 | 84.5 | 77.8 | 61.5 | 60.4 | 54.7 | 66.6   |
| 1988           | 45.0 | 50.2 | 58.2 | 66.1 | 72.4 | 77.7 | 82.7 | 82.5 | 77.4 | 64.2 | 61.3 | 51.1 | 65.7   |
| 1989           | 56.6 | 56.1 | 60.6 | 65.6 | 72.3 | 81.0 | 82.9 | 80.7 | 76.8 | 68.6 | 59.5 | 43.7 | 67.0   |
| 1990           | 55.7 | 60.0 | 62.6 | 65.0 | 74.3 | 81.5 | 84.4 | 82.4 | 78.9 | 70.7 | 60.8 | 56.5 | 69.4   |
| 1991           | 52.2 | 56.2 | 62.4 | 70.0 | 77.5 | 79.4 | 83.2 | 82.2 | 77.9 | 68.4 | 56.6 | 55.6 | 68.5   |
| 1992           | 49.9 | 55.7 | 59.2 | 64.5 | 71.7 | 78.6 | 84.3 | 81.0 | 77.1 | 66.6 | 60.6 | 52.0 | 66.8   |
| 1993           | 54.8 | 50.3 | 57.0 | 62.4 | 73.6 | 81.3 | 86.7 | 83.1 | 79.6 | 68.1 | 59.9 | 49.7 | 67.2   |
| 1994           | 47.7 | 56.0 | 62.9 | 69.6 | 72.4 | 80.7 | 82.2 | 81.2 | 76.6 | 67.8 | 63.7 | 54.9 | 68.0   |
| 1995           | 50.7 | 52.4 | 62.5 | 69.1 | 76.5 | 79.2 | 83.8 | 82.4 | 76.1 | 71.5 | 55.6 | 50.1 | 67.5   |
| 1996           | 50.1 | 54.6 | 56.0 | 64.0 | 75.2 | 78.8 | 82.4 | 79.3 | 76.1 | 66.5 | 55.9 | 52.9 | 66.0   |
| 1997           | 50.9 | 55.1 | 64.7 | 63.1 | 68.9 | 75.4 | 81.2 | 79.3 | 76.9 | 66.6 | 55.1 | 50.5 | 65.6   |
| 1998           | 52.9 | 54.1 | 56.4 | 65.3 | 75.6 | 83.0 | 83.4 | 81.2 | 77.5 | 68.9 | 62.6 | 55.5 | 68.0   |
| 1999           | 52.4 | 54.3 | 55.8 | 69.0 | 70.8 | 77.1 | 82.7 | 83.1 | 75.7 | 67.8 | 59.7 | 50.8 | 66.6   |
| 2000           | 48.1 | 53.2 | 61.7 | 62.8 | 75.3 | 79.2 | 82.0 | 81.0 | 75.5 | 64.8 | 55.6 | 43.7 | 65.2   |
| 2001           | 46.8 | 56.0 | 57.4 | 65.1 | 73.0 | 78.8 | 80.8 | 81.3 | 74.2 | 64.9 | 63.0 | 55.9 | 66.4   |
| 2002           | 52.2 | 51.8 | 60.7 | 70.5 | 72.7 | 79.2 | 82.4 | 80.6 | 79.5 | 71.3 | 56.3 | 49.0 | 67.2   |
| 2003           | 45.4 | 51.6 | 61.6 | 65.4 | 74.3 | 78.8 | 81.8 | 81.8 | 76.1 | 69.0 | 63.0 | 48.1 | 66.4   |
| 2004           | 48.5 | 49.5 | 60.0 | 64.3 | 74.9 | 80.4 | 81.7 | 79.6 | 76.6 | 69.2 | 60.6 | 49.7 | 66.3   |
| 2005           | 51.9 | 52.4 | 55.8 | 61.7 | 70.1 | 78.5 | 83.1 | 82.3 | 79.2 | 67.7 | 60.0 | 48.5 | 65.9   |
| 2006           | 54.0 | 50.2 | 57.2 | 68.0 | 72.2 | 78.1 | 81.5 | 82.8 | 76.3 | 65.4 | 57.0 | 56.1 | 66.6   |
| 2007           | 52.5 | 50.3 | 60.9 | 64.4 | 72.3 | 78.7 | 81.2 | 83.6 | 77.7 | 71.6 | 57.7 | 56.9 | 67.3   |
| 2008           | 49.1 | 56.0 | 59.7 | 65.9 | 73.2 | 82.5 | 82.3 | 82.1 | 77.8 | 66.3 | 55.4 | 56.8 | 67.3   |
| POR=<br>58 YRS | 49.5 | 52.5 | 59.0 | 65.9 | 73.3 | 79.2 | 81.9 | 81.2 | 76.8 | 67.5 | 58.4 | 51.4 | 66.4   |

**HEATING DEGREE DAYS (base 65°F) 2008 SAVANNAH (KSAV)**

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1979-80 | 0   | 0   | 0   | 41  | 183 | 438 | 436 | 489 | 257 | 43  | 7   | 0   | 1894  |
| 1980-81 | 0   | 0   | 0   | 72  | 252 | 518 | 659 | 342 | 263 | 25  | 8   | 0   | 2139  |
| 1981-82 | 0   | 0   | 3   | 59  | 231 | 513 | 501 | 258 | 149 | 76  | 0   | 0   | 1790  |
| 1982-83 | 0   | 0   | 0   | 73  | 139 | 266 | 579 | 392 | 228 | 115 | 0   | 0   | 1792  |
| 1983-84 | 0   | 0   | 2   | 19  | 232 | 513 | 531 | 320 | 200 | 68  | 7   | 0   | 1892  |
| 1984-85 | 0   | 0   | 1   | 8   | 299 | 185 | 615 | 360 | 157 | 60  | 2   | 0   | 1687  |
| 1985-86 | 0   | 0   | 1   | 16  | 51  | 504 | 531 | 240 | 215 | 59  | 4   | 0   | 1621  |
| 1986-87 | 0   | 5   | 0   | 48  | 101 | 349 | 491 | 401 | 231 | 110 | 5   | 0   | 1741  |
| 1987-88 | 0   | 0   | 0   | 122 | 185 | 332 | 612 | 426 | 218 | 52  | 1   | 0   | 1948  |
| 1988-89 | 0   | 0   | 0   | 84  | 141 | 423 | 268 | 289 | 193 | 110 | 13  | 0   | 1521  |
| 1989-90 | 0   | 0   | 1   | 59  | 191 | 653 | 286 | 175 | 135 | 81  | 0   | 0   | 1581  |
| 1990-91 | 0   | 0   | 0   | 55  | 143 | 279 | 395 | 260 | 139 | 14  | 0   | 0   | 1285  |
| 1991-92 | 0   | 0   | 0   | 34  | 270 | 315 | 461 | 274 | 204 | 101 | 22  | 0   | 1681  |
| 1992-93 | 0   | 0   | 1   | 45  | 194 | 401 | 320 | 406 | 254 | 113 | 0   | 0   | 1734  |
| 1993-94 | 0   | 0   | 1   | 45  | 193 | 470 | 530 | 260 | 123 | 20  | 7   | 0   | 1649  |
| 1994-95 | 0   | 0   | 0   | 32  | 95  | 317 | 433 | 358 | 114 | 30  | 1   | 0   | 1380  |
| 1995-96 | 0   | 0   | 6   | 25  | 313 | 457 | 457 | 313 | 288 | 109 | 7   | 0   | 1975  |
| 1996-97 | 0   | 0   | 0   | 51  | 287 | 374 | 435 | 290 | 88  | 107 | 24  | 5   | 1661  |
| 1997-98 | 0   | 0   | 0   | 80  | 300 | 442 | 373 | 303 | 283 | 63  | 0   | 0   | 1844  |
| 1998-99 | 0   | 0   | 0   | 44  | 107 | 305 | 390 | 294 | 283 | 60  | 17  | 0   | 1500  |
| 1999-00 | 0   | 0   | 0   | 56  | 179 | 436 | 518 | 340 | 122 | 97  | 1   | 0   | 1749  |
| 2000-01 | 0   | 0   | 1   | 72  | 304 | 655 | 560 | 262 | 248 | 88  | 0   | 0   | 2190  |
| 2001-02 | 0   | 0   | 4   | 107 | 103 | 294 | 405 | 373 | 200 | 25  | 20  | 0   | 1531  |
| 2002-03 | 0   | 0   | 0   | 14  | 277 | 486 | 599 | 368 | 131 | 65  | 0   | 0   | 1940  |
| 2003-04 | 0   | 0   | 3   | 6   | 134 | 518 | 517 | 446 | 176 | 90  | 6   | 0   | 1896  |
| 2004-05 | 0   | 0   | 0   | 22  | 184 | 482 | 405 | 353 | 287 | 110 | 14  | 0   | 1857  |
| 2005-06 | 0   | 0   | 0   | 85  | 173 | 502 | 335 | 411 | 259 | 43  | 13  | 0   | 1821  |
| 2006-07 | 0   | 0   | 0   | 86  | 247 | 281 | 394 | 407 | 153 | 111 | 2   | 0   | 1681  |
| 2007-08 | 0   | 0   | 0   | 14  | 227 | 261 | 490 | 269 | 185 | 65  | 2   | 0   | 1513  |
| 2008-   | 0   | 0   | 0   | 88  | 298 | 280 |     |     |     |     |     |     |       |

WBAN : 03822

**COOLING DEGREE DAYS (base 65°F) 2008 SAVANNAH (KSAV)**

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1979 | 0   | 5   | 28  | 105 | 282 | 360 | 537 | 516 | 378 | 126 | 51  | 2   | 2390  |
| 1980 | 0   | 16  | 19  | 87  | 270 | 449 | 607 | 579 | 468 | 90  | 8   | 2   | 2595  |
| 1981 | 0   | 1   | 14  | 150 | 219 | 589 | 609 | 444 | 319 | 80  | 17  | 4   | 2446  |
| 1982 | 6   | 10  | 67  | 79  | 292 | 463 | 514 | 503 | 323 | 158 | 48  | 42  | 2505  |
| 1983 | 0   | 0   | 16  | 55  | 253 | 400 | 598 | 562 | 332 | 171 | 18  | 6   | 2411  |
| 1984 | 0   | 0   | 31  | 94  | 261 | 431 | 486 | 517 | 309 | 270 | 24  | 19  | 2442  |
| 1985 | 11  | 31  | 58  | 123 | 307 | 496 | 557 | 496 | 355 | 248 | 133 | 7   | 2822  |
| 1986 | 0   | 18  | 40  | 121 | 321 | 532 | 651 | 525 | 449 | 212 | 107 | 13  | 2989  |
| 1987 | 0   | 0   | 26  | 85  | 292 | 474 | 583 | 611 | 392 | 22  | 50  | 21  | 2556  |
| 1988 | 0   | 3   | 11  | 92  | 238 | 386 | 555 | 547 | 378 | 66  | 35  | 1   | 2312  |
| 1989 | 13  | 45  | 64  | 135 | 248 | 488 | 563 | 493 | 362 | 177 | 33  | 0   | 2621  |
| 1990 | 4   | 41  | 69  | 90  | 296 | 503 | 608 | 549 | 422 | 237 | 25  | 24  | 2868  |
| 1991 | 7   | 18  | 64  | 169 | 397 | 441 | 572 | 540 | 393 | 143 | 25  | 29  | 2798  |
| 1992 | 0   | 11  | 29  | 94  | 234 | 414 | 603 | 504 | 370 | 101 | 69  | 7   | 2436  |
| 1993 | 12  | 0   | 10  | 43  | 271 | 497 | 678 | 567 | 447 | 149 | 46  | 1   | 2721  |
| 1994 | 0   | 14  | 62  | 165 | 243 | 476 | 542 | 509 | 355 | 125 | 63  | 14  | 2568  |
| 1995 | 1   | 9   | 46  | 160 | 366 | 433 | 591 | 547 | 348 | 235 | 36  | 4   | 2776  |
| 1996 | 3   | 20  | 19  | 84  | 331 | 419 | 549 | 451 | 339 | 105 | 20  | 2   | 2342  |
| 1997 | 4   | 20  | 84  | 57  | 155 | 322 | 510 | 452 | 363 | 137 | 11  | 0   | 2115  |
| 1998 | 10  | 5   | 24  | 77  | 336 | 546 | 575 | 508 | 383 | 173 | 44  | 18  | 2699  |
| 1999 | 7   | 1   | 4   | 187 | 205 | 368 | 556 | 568 | 328 | 153 | 26  | 1   | 2404  |
| 2000 | 3   | 5   | 27  | 37  | 325 | 435 | 538 | 503 | 325 | 73  | 28  | 0   | 2299  |
| 2001 | 2   | 17  | 20  | 99  | 253 | 422 | 499 | 515 | 287 | 106 | 49  | 19  | 2288  |
| 2002 | 16  | 9   | 73  | 196 | 265 | 433 | 547 | 487 | 443 | 218 | 20  | 0   | 2707  |
| 2003 | 0   | 0   | 32  | 83  | 292 | 420 | 528 | 529 | 346 | 136 | 81  | 0   | 2447  |
| 2004 | 12  | 2   | 30  | 77  | 324 | 465 | 524 | 458 | 353 | 162 | 57  | 13  | 2477  |
| 2005 | 6   | 6   | 12  | 20  | 182 | 415 | 567 | 543 | 433 | 175 | 28  | 0   | 2387  |
| 2006 | 0   | 0   | 20  | 141 | 245 | 400 | 518 | 560 | 347 | 105 | 15  | 12  | 2363  |
| 2007 | 13  | 0   | 31  | 101 | 233 | 420 | 510 | 585 | 388 | 223 | 14  | 15  | 2533  |
| 2008 | 4   | 14  | 29  | 99  | 260 | 529 | 545 | 536 | 392 | 135 | 14  | 29  | 2586  |

**SNOWFALL (inches) 2008 SAVANNAH (KSAV)**

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1979-80        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | T     |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1981-82        | 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   |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | T     |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1984-85        | 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   |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.4   |
| 1986-87        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1987-88        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1988-89        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | T   | 1.0   |
| 1989-90        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6   |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1991-92        | 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   |
| 1992-93        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2   |
| 1993-94        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1994-95        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1995-96        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.2 | 0.0 |     |     |     |       |
| 1996-97        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1997-98        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1998-99        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 1999-00        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2000-01        |     |     |     |     |     |     | T   |     |     |     |     |     |       |
| 2001-02        |     |     |     |     |     |     |     |     |     |     |     |     |       |
| 2002-03        |     |     |     |     |     |     | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |       |
| 2003-04        | 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   |
| 2004-05        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 2005-06        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T     |
| 2006-07        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 2007-08        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T     |
| 2008-          | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |     |     |     |     |     |     |       |
| POR=<br>54 YRS | T   | 0.0 | 0.0 | 0.0 | T   | 0.1 | T   | 0.2 | T   | T   | 0.0 | T   | 0.3   |

WBAN : 03822

**REFERENCE NOTES :**

|   |  |
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| <p>PAGE 1:<br/>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:<br/>H/C INDICATES HEATING AND COOLING DEGREE DAYS.<br/>RH INDICATES RELATIVE HUMIDITY<br/>W/O INDICATES WEATHER AND OBSTRUCTIONS<br/>S INDICATES SUNSHINE.<br/>PR INDICATES PRESSURE.<br/>CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL:<br/>T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.<br/>+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.<br/>BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.<br/>NORMALS ARE 30-YEAR AVERAGES (1971 - 2000).<br/>ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.<br/>PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.<br/>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.<br/>WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.<br/>0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.<br/>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.<br/>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:<br/>CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.<br/>WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED.<br/>WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.<br/>RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.<br/>AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.<br/>SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.<br/>A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.<br/>DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.<br/>DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.<br/>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> <p><b>NOTE:</b><br/>The "Period of Record:(POR) for all "averages" is based on the "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.</p> |
|---|--|

# 2008 SAVANNAH GEORGIA (KSAV)

Savannah is surrounded by flat terrain, low and marshy to the north and east, and rising to several feet above sea level to the west and south. About half the land to the west and south is cleared and the other half is wooded and swampy.

The area has a temperate climate, with a seasonal low temperature of 51 degrees in winter, 66 degrees in spring, 80 degrees in summer, and 66 degrees in autumn. The lowest temperatures are below 10 degrees and the highest temperatures are about 100 degrees.

The normal annual rainfall is about 49 inches. About half falls in the thunderstorm season of June 15 through September 15. The remainder, produced principally by squall-line and frontal showers, is spread over the other nine months with a minor peak in March. Considerable periods of fair, mild weather are experienced in October, November, April, and to a less extent, in May. Snow is a rarity and even a trace does not occur on an average of once a year. The heaviest snowfalls are under 5 inches. Severe tropical storms affect this area about once in ten years. Rainfall from these storms constitute the heaviest sustained precipitation. Accumulations exceeding 22 inches have occurred.

The present exposure of the thermometers gives readings more nearly commensurate with those of suburban street levels of Savannah than was the case of previous locations atop various buildings. During that time, especially on still, clear nights, temperatures near the ground and in lower inland areas were as much as 15 degrees lower than the official low temperature. Present differences on comparable nights range from 3 - 8 degrees.

Sunshine is adequate at all seasons and seldom are there two or more days in succession without it. Sea- and land-breeze effect is usually not felt in Savannah, though it is a daily feature on the nearby islands. Dry, continental air masses reach this area in summer mostly by sliding down the Atlantic coast and giving cooler northeast winds. Such masses reaching this area from the northwest or west in summer bring mostly clear skies and high temperatures.

Based on the 1951-1980 period, the average first occurrence of 32 degrees Fahrenheit in the fall is November 15 and the average last occurrence in the spring is March 10.

# Station Location

SAVANNAH

| LOCATION  | Occupied From | Occupied To | Airline Distances and Directions from previous Location | Latitude |         | Longitude               |                 | ELEVATION ABOVE      |              |                 |                           |                     |                   |                  |   | REMARKS |
|---|---------------|-------------|---|----------|---------|-------------------------|-----------------|----------------------|--------------|-----------------|---------------------------|---------------------|-------------------|------------------|---|---------|
|   |               |             |   | NORTH    | WEST    | GROUND TEMPERATURE SITE | WIND INSTRUMENT | GROUND               |              |                 |                           |                     |                   | HYGROTHERMOMETER | AUTOMATIC OBSERVING EQUIPMENT *   |         |
|   |               |             |   |          |         |                         |                 | EXTREME THERMOMETERS | PSYCHROMETER | SUNSHINE SWITCH | TIPPING BUCKET RAIN GAUGE | WEIGHING RAIN GAUGE | 8 INCH RAIN GAUGE |                  |   |         |
| *NOTE:  |               |             |   |          |         |                         |                 |                      |              |                 |                           |                     |                   |                  |   |         |
| AIRPORT   |               |             |   |          |         |                         |                 |                      |              |                 |                           |                     |                   |                  |   |         |
| ESSA/FAA Building+ Travis Field Municipal Airport   | 5/15/68       | 04/01/96    | 75' S   | 32° 08'  | 81° 12' | 46                      | 20 j20 n30      | 5 k5                 | 5 k5         | 6 k6            | 3 k3                      | m5                  | 3 k3              | 5 j5 p5          | j. Moved 1900' SE 11/3/72.<br>k. Moved 250' SSE 02/22/73.<br>m. Added 11/1/80.<br>n. Minor move 11/12/80.<br>p. Type change 07/27/85. |         |
| +FAA/NOAA Building effective 1971 Municipal Airport | 04/01/96      | Present     | NA  | 32° 07'  | 81° 12' | q48                     |                 |                      |              |                 |                           |                     |                   | S                | ASOS Commissioned 04/01/96<br>q. Ground elevation.  |         |

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\* NOTES: For earlier station history see previous editions.