

1999

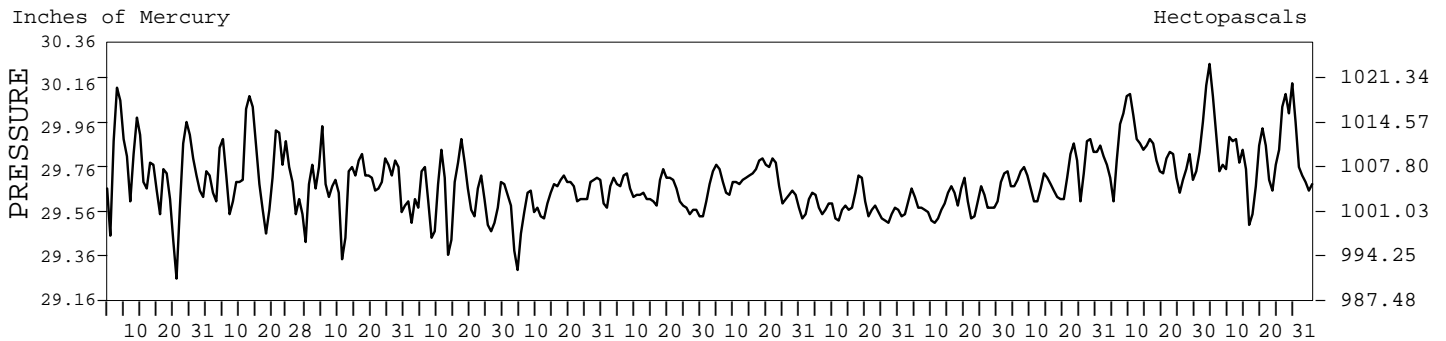
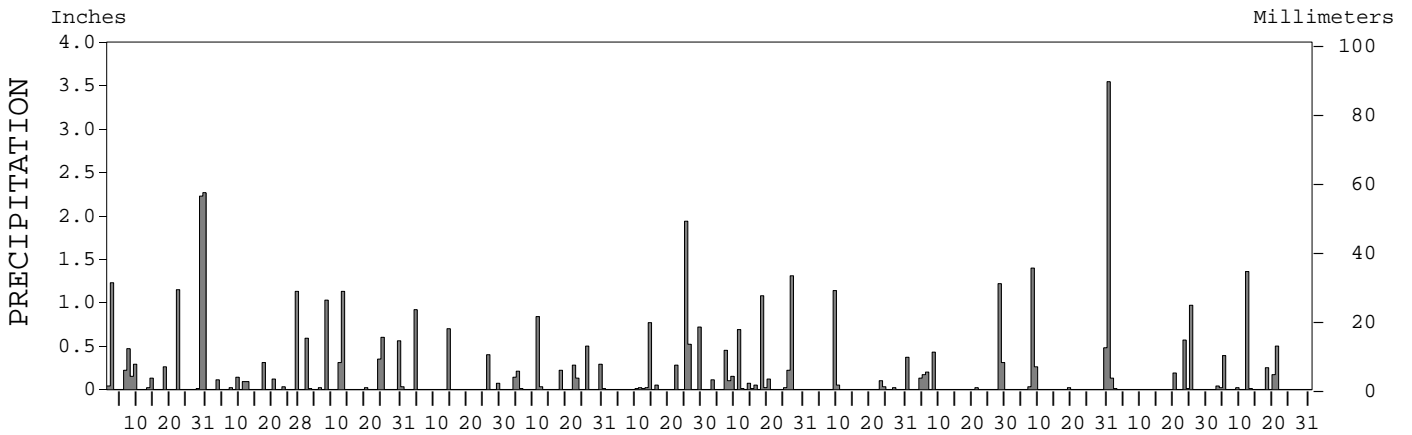
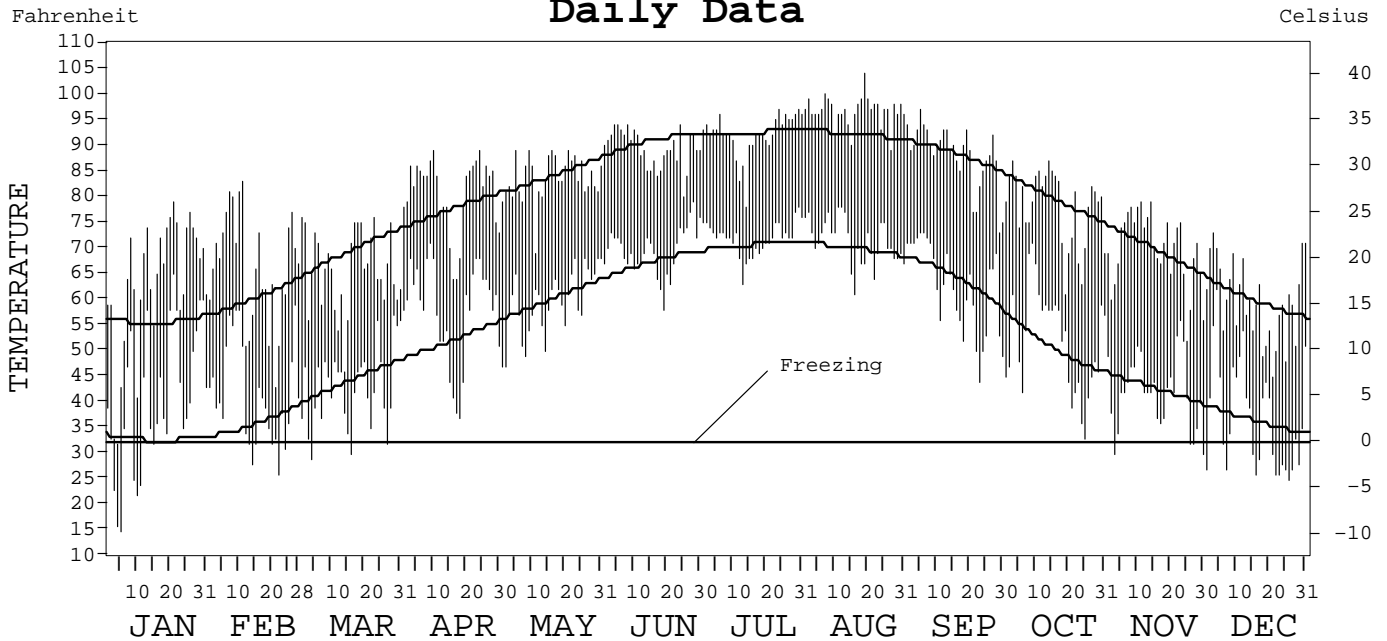
LOCAL CLIMATOLOGICAL DATA  
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0198-2796

JACKSON,  
MISSISSIPPI (JAN)

Daily Data



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 NATIONAL CLIMATIC DATA CENTER  
 ASHEVILLE, NORTH CAROLINA  
 DIRECTOR NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 1999

## JACKSON, MS (JAN)

LATITUDE: 32° 19' 11" N      LONGITUDE: 90° 04' 39" W      ELEVATION (FT): GRND: 294      BARO: 294      TIME ZONE: CENTRAL (UTC + 6)      WBAN: 03940

| ELEMENT              |                               | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC    | YEAR      |    |
|----------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|----|
| TEMPERATURE °F       | MEAN DAILY MAXIMUM            | 63.2  | 66.2  | 65.9  | 80.6  | 83.6  | 89.4  | 92.0  | 96.6  | 88.0  | 77.9  | 69.8  | 59.9   | 77.8      |    |
|                      | HIGHEST DAILY MAXIMUM         | 79    | 83    | 76    | 89    | 89    | 94    | 97    | 104   | 97    | 87    | 79    | 73     | 104       |    |
|                      | DATE OF OCCURRENCE            | 21    | 11    | 23+   | 24+   | 21+   | 24+   | 30+   | 19    | 05    | 14+   | 14+   | 03     | AUG 19    |    |
|                      | MEAN DAILY MINIMUM            | 40.6  | 41.5  | 42.8  | 58.0  | 59.4  | 69.5  | 71.9  | 71.3  | 62.3  | 52.0  | 41.8  | 36.9   | 54.0      |    |
|                      | LOWEST DAILY MINIMUM          | 15    | 26    | 29    | 37    | 47    | 58    | 63    | 61    | 44    | 33    | 30    | 25     | 15        |    |
|                      | DATE OF OCCURRENCE            | 05    | 22    | 04    | 18    | 02+   | 19    | 13    | 16    | 23    | 25    | 30+   | 26     | JAN 05    |    |
|                      | AVERAGE DRY BULB              | 51.9  | 53.9  | 54.4  | 69.3  | 71.5  | 79.5  | 82.0  | 84.0  | 75.2  | 65.0  | 55.8  | 48.4   | 65.9      |    |
|                      | MEAN WET BULB                 | 47.8  | 48.9  | 49.1  | 62.5  | 64.8  | 72.0  | 75.1  | 73.8  | 65.5  | 58.5  | 50.4  | 44.3   | 59.4      |    |
|                      | MEAN DEW POINT                | 43.6  | 43.2  | 43.2  | 57.9  | 60.3  | 68.7  | 72.5  | 69.3  | 59.7  | 53.6  | 45.7  | 40.0   | 54.8      |    |
|                      | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | MAXIMUM ≥ 90°                 | 0     | 0     | 0     | 0     | 0     | 15    | 27    | 30    | 15    | 0     | 0     | 0      | 0         | 87 |
|                      | MAXIMUM ≤ 32°                 | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0         | 1  |
|                      | MINIMUM ≤ 32°                 | 7     | 6     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 14     | 34        |    |
| MINIMUM ≤ 0°         | 0                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |    |
| H/C                  | HEATING DEGREE DAYS           | 412   | 320   | 324   | 53    | 3     | 0     | 0     | 0     | 8     | 87    | 268   | 509    | 1984      |    |
|                      | COOLING DEGREE DAYS           | 12    | 14    | 0     | 188   | 213   | 441   | 533   | 596   | 319   | 96    | 1     | 1      | 2414      |    |
| RH                   | MEAN (PERCENT)                | 77    | 71    | 68    | 71    | 71    | 73    | 78    | 66    | 65    | 72    | 76    | 77     | 72        |    |
|                      | HOUR 00 LST                   | 83    | 80    | 77    | 86    | 83    | 85    | 92    | 81    | 79    | 84    | 89    | 87     | 84        |    |
|                      | HOUR 06 LST                   | 90    | 87    | 84    | 89    | 91    | 90    | 94    | 88    | 86    | 91    | 95    | 89     | 90        |    |
|                      | HOUR 12 LST                   | 64    | 57    | 54    | 52    | 51    | 57    | 60    | 46    | 46    | 52    | 51    | 60     | 54        |    |
|                      | HOUR 18 LST                   | 73    | 57    | 60    | 57    | 58    | 60    | 69    | 51    | 54    | 70    | 74    | 75     | 63        |    |
| S                    | PERCENT POSSIBLE SUNSHINE     |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| W/O                  | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | HEAVY FOG (VISBY ≤ 1/4 MI)    | 1     | 2     | 1     | 0     | 1     | 1     | 3     | 0     | 1     | 4     | 6     | 4      | 24        |    |
|                      | THUNDERSTORMS                 | 4     | 2     | 6     | 7     | 8     | 9     | 16    | 3     | 5     | 0     | 1     | 1      | 61        |    |
| 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.)     | 29.76 | 29.76 | 29.70 | 29.63 | 29.63 | 29.65 | 29.71 | 29.59 | 29.62 | 29.75 | 29.88 | 29.84  | 29.71     |    |
|                      | MEAN SEA-LEVEL PRESS. (IN.)   | 30.11 | 30.11 | 30.06 | 29.98 | 29.97 | 30.00 | 30.05 | 29.93 | 29.97 | 30.09 | 30.19 | 30.16  | 30.05     |    |
| WINDS                | RESULTANT SPEED (MPH)         | 2.0   | 0.8   | 1.5   | 1.8   | 1.0   | 0.7   | 0.2   | 1.2   | 2.4   | 2.0   | 0.9   | 0.8    | 0.4       |    |
|                      | RES. DIR. (TENS OF DEGS.)     | 17    | 25    | 04    | 18    | 03    | 16    | 28    | 03    | 03    | 05    | 01    | 17     | 07        |    |
|                      | MEAN SPEED (MPH)              | 6.8   | 5.6   | 7.2   | 6.8   | 5.0   | 4.7   | 3.4   | 4.5   | 5.5   | 5.0   | 4.1   | 6.1    | 5.4       |    |
|                      | PREVAIL. DIR. (TENS OF DEGS.) | 16    | 16    | 15    | 16    | 15    | 16    | 16    | 35    | 35    | 36    | 15    | 15     | 15        |    |
|                      | MAXIMUM 2-MINUTE WIND:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | SPEED (MPH)                   | 28    | 39    | 37    | 29    | 25    | 23    | 32    | 33    | 23    | 23    | 29    | 25     | 39        |    |
|                      | DIR. (TENS OF DEGS.)          | 31    | 26    | 14    | 26    | 24    | 13    | 14    | 01    | 28    | 13    | 33    | 26     | 26        |    |
|                      | DATE OF OCCURRENCE            | 02    | 27    | 08    | 26    | 23    | 10    | 18    | 09    | 08    | 08    | 02    | 09     | FEB 27    |    |
|                      | MAXIMUM 5-SECOND WIND:        |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | SPEED (MPH)                   | 33    | 46    | 43    | 34    | 37    | 29    | 43    | 45    | 30    | 29    | 39    | 34     | 46        |    |
| DIR. (TENS OF DEGS.) | 15                            | 26    | 14    | 27    | 24    | 13    | 14    | 01    | 30    | 12    | 33    | 26    | 26     |           |    |
| DATE OF OCCURRENCE   | 22+                           | 27    | 08    | 26    | 23    | 10    | 18    | 09    | 08    | 08    | 02    | 09    | FEB 27 |           |    |
| PRECIPITATION        | WATER EQUIVALENT:             |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | TOTAL (IN.)                   | 8.47  | 2.04  | 4.65  | 2.09  | 2.66  | 4.34  | 4.41  | 1.71  | 2.48  | 5.74  | 1.88  | 2.76   | 43.23     |    |
|                      | GREATEST 24-HOUR (IN.)        | 4.38  | 1.13  | 1.44  | 0.92  | 0.87  | 2.07  | 1.52  | 1.19  | 1.53  | 3.55  | 0.97  | 1.36   | 4.38      |    |
|                      | DATE OF OCCURRENCE            | 29-30 | 27    | 12-13 | 04    | 11-12 | 25-26 | 26-27 | 09-10 | 28-29 | 31    | 25    | 12     | JAN 29-30 |    |
|                      | NUMBER OF DAYS WITH:          |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | PRECIPITATION ≥ 0.01          | 13    | 9     | 11    | 4     | 11    | 10    | 15    | 6     | 7     | 6     | 6     | 9      | 107       |    |
| PRECIPITATION ≥ 0.10 | 10                            | 5     | 7     | 3     | 8     | 5     | 9     | 3     | 6     | 4     | 4     | 5     | 69     |           |    |
| PRECIPITATION ≥ 1.00 | 4                             | 1     | 2     | 0     | 0     | 1     | 2     | 1     | 1     | 2     | 0     | 1     | 15     |           |    |
| SNOWFALL             | SNOW, ICE PELLETS, HAIL:      |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
|                      | TOTAL (IN.)                   | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T         |    |
|                      | GREATEST 24-HOUR (IN.)        | T     | 0.0   | T     | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | T         |    |
|                      | DATE OF OCCURRENCE            | 09    |       | 13+   |       |       |       |       |       |       |       |       |        | MAR 13+   |    |
|                      | MAXIMUM SNOW DEPTH (IN.)      | 0     | 0     | T     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | T         |    |
|                      | DATE OF OCCURRENCE            |       |       | 08    |       |       |       |       |       |       |       |       |        | MAR 08    |    |
| NUMBER OF DAYS WITH: |                               |       |       |       |       |       |       |       |       |       |       |       |        |           |    |
| SNOWFALL ≥ 1.0       | 0                             | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      |           |    |

# NORMALS, MEANS, AND EXTREMES

## JACKSON, MS (JAN)

LATITUDE: 32° 19' 11" N      LONGITUDE: 90° 04' 39" W      ELEVATION (FT): GRND: 294      BARO: 294      TIME ZONE: CENTRAL (UTC + 6)      WBAN: 03940

| ELEMENT               |                             | POR  | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC      | YEAR     |
|-----------------------|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------|
| TEMPERATURE °F        | NORMAL DAILY MAXIMUM        | 30   | 55.6  | 60.1  | 69.3  | 77.4  | 84.0  | 90.6  | 92.4  | 92.0  | 88.0  | 79.1  | 69.2  | 59.5     | 76.4     |
|                       | MEAN DAILY MAXIMUM          | 35   | 56.0  | 60.4  | 68.6  | 76.9  | 83.6  | 90.4  | 92.1  | 91.6  | 87.1  | 77.7  | 68.0  | 59.7     | 76.0     |
|                       | HIGHEST DAILY MAXIMUM       | 35   | 82    | 85    | 89    | 94    | 99    | 105   | 106   | 104   | 104   | 95    | 88    | 84       | 106      |
|                       | YEAR OF OCCURRENCE          |      | 1972  | 1989  | 1982  | 1987  | 1964  | 1988  | 1980  | 1999  | 1980  | 1998  | 1971  | 1978     | JUL 1980 |
|                       | MEAN OF EXTREME MAXS.       | 36   | 74.2  | 78.0  | 83.8  | 87.2  | 91.9  | 96.2  | 97.9  | 97.2  | 94.5  | 89.1  | 82.5  | 76.9     | 87.5     |
|                       | NORMAL DAILY MINIMUM        | 30   | 32.7  | 35.7  | 44.1  | 51.9  | 60.0  | 67.1  | 70.5  | 69.7  | 63.7  | 50.3  | 42.3  | 36.1     | 52.0     |
|                       | MEAN DAILY MINIMUM          | 35   | 34.8  | 37.2  | 44.5  | 52.5  | 60.7  | 68.0  | 71.4  | 70.2  | 64.8  | 51.7  | 43.4  | 37.7     | 53.1     |
|                       | LOWEST DAILY MINIMUM        | 35   | 2     | 10    | 15    | 27    | 38    | 47    | 51    | 55    | 35    | 26    | 17    | 4        | 2        |
|                       | YEAR OF OCCURRENCE          |      | 1985  | 1996  | 1980  | 1987  | 1971  | 1984  | 1967  | 1992  | 1967  | 1993  | 1976  | 1989     | JAN 1985 |
|                       | MEAN OF EXTREME MINS.       | 36   | 16.5  | 19.7  | 26.3  | 35.2  | 45.9  | 55.7  | 64.1  | 61.9  | 49.7  | 34.8  | 26.1  | 19.7     | 38.0     |
|                       | NORMAL DRY BULB             | 30   | 44.1  | 47.9  | 56.7  | 64.6  | 72.0  | 78.8  | 81.5  | 80.9  | 75.9  | 64.7  | 55.8  | 47.8     | 64.2     |
|                       | MEAN DRY BULB               | 36   | 45.3  | 48.7  | 56.6  | 64.6  | 72.1  | 79.1  | 81.8  | 81.0  | 75.8  | 64.9  | 55.7  | 48.4     | 64.5     |
|                       | MEAN WET BULB               | 33   | 41.5  | 43.8  | 50.9  | 58.5  | 65.4  | 71.5  | 74.3  | 73.4  | 69.0  | 58.6  | 51.2  | 44.4     | 58.5     |
|                       | MEAN DEW POINT              | 33   | 36.9  | 38.8  | 45.7  | 53.7  | 61.8  | 68.3  | 71.7  | 70.8  | 66.0  | 54.5  | 47.1  | 40.2     | 54.6     |
|                       | NORMAL NO. DAYS WITH:       |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| MAXIMUM ≥ 90°         | 30                          | 0.0  | 0.0   | 0.0   | 0.3   | 4.8   | 18.7  | 23.9  | 22.8  | 12.1  | 1.3   | 0.0   | 0.0   | 83.9     |          |
| MAXIMUM ≤ 32°         | 30                          | 0.9  | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | *     | 0.4   | 1.6      |          |
| MINIMUM ≤ 32°         | 30                          | 15.3 | 11.3  | 4.2   | 0.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.5   | 5.7   | 12.6  | 50.0     |          |
| 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   | 656   | 485   | 285   | 87    | 7     | 0     | 0     | 0     | 6     | 104   | 295   | 542      | 2467     |
|                       | NORMAL COOLING DEG. DAYS    | 30   | 8     | 6     | 28    | 75    | 224   | 414   | 512   | 493   | 333   | 94    | 19    | 9        | 2215     |
| RH                    | NORMAL (PERCENT)            | 30   | 76    | 73    | 71    | 72    | 74    | 74    | 77    | 77    | 77    | 75    | 76    | 76       | 75       |
|                       | HOUR 00 LST                 | 30   | 84    | 82    | 82    | 84    | 87    | 88    | 90    | 90    | 90    | 88    | 87    | 84       | 86       |
|                       | HOUR 06 LST                 | 30   | 87    | 87    | 88    | 90    | 92    | 92    | 94    | 94    | 94    | 93    | 90    | 87       | 91       |
|                       | HOUR 12 LST                 | 30   | 64    | 60    | 56    | 54    | 56    | 55    | 59    | 58    | 58    | 53    | 57    | 62       | 58       |
|                       | HOUR 18 LST                 | 30   | 70    | 63    | 58    | 57    | 60    | 60    | 66    | 66    | 70    | 71    | 73    | 74       | 66       |
| S                     | PERCENT POSSIBLE SUNSHINE   | 31   | 49    | 55    | 61    | 66    | 63    | 71    | 64    | 65    | 63    | 67    | 57    | 47       | 61       |
| W/O                   | MEAN NO. DAYS WITH:         |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
|                       | HEAVY FOG (VISBY ≤ 1/4 MI)  | 35   | 3.4   | 2.0   | 1.7   | 1.5   | 1.1   | 0.7   | 1.3   | 1.5   | 1.5   | 2.3   | 2.4   | 3.4      | 22.8     |
|                       | THUNDERSTORMS               | 35   | 2.3   | 2.7   | 5.6   | 5.6   | 7.1   | 8.8   | 12.9  | 10.2  | 5.0   | 2.1   | 2.5   | 2.3      | 67.1     |
| CLOUDINESS            | MEAN:                       |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
|                       | SUNRISE-SUNSET (OKTAS)      | 1    | 6.4   | 5.6   | 4.8   | 4.0   | 4.0   | 3.6   | 5.6   | 3.2   | 2.4   | 5.2   | 5.6   | 6.4      | 4.7      |
|                       | MIDNIGHT-MIDNIGHT (OKTAS)   | 1    | 6.4   | 5.6   | 4.8   | 4.0   | 4.0   | 3.2   | 3.6   | 2.8   | 2.4   | 5.6   | 5.6   | 6.4      | 4.5      |
|                       | MEAN NO. DAYS WITH:         |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| CLEAR                 | 2                           | 8.5  | 12.5  | 10.0  | 12.0  | 16.0  | 14.5  | 9.0   | 9.0   | 5.0   | 6.0   | 5.0   | 3.0   | 110.5    |          |
| PARTLY CLOUDY         | 2                           | 3.5  | 3.5   | 4.0   | 6.0   | 8.0   | 12.0  | 4.0   | 7.0   |       |       | 1.0   | 3.0   |          |          |
| CLOUDY                | 2                           | 15.0 | 13.0  | 10.0  | 5.0   | 11.5  | 9.0   | 14.0  | 5.0   | 1.0   | 12.0  | 7.0   | 5.0   | 107.5    |          |
| PR                    | MEAN STATION PRESSURE (IN)  | 26   | 29.80 | 29.76 | 29.68 | 29.66 | 29.63 | 29.64 | 29.68 | 29.68 | 29.68 | 29.74 | 29.76 | 29.79    | 29.71    |
|                       | MEAN SEA-LEVEL PRES. (IN)   | 33   | 30.16 | 30.12 | 30.04 | 30.01 | 29.98 | 29.99 | 30.02 | 30.02 | 30.02 | 30.08 | 30.11 | 30.15    | 30.06    |
| WINDS                 | MEAN SPEED (MPH)            | 28   | 8.0   | 8.2   | 8.6   | 7.9   | 6.8   | 6.1   | 5.3   | 5.2   | 6.0   | 6.1   | 7.1   | 7.7      | 6.9      |
|                       | PREVAIL. DIR (TENS OF DEGS) | 29   | 15    | 34    | 16    | 16    | 14    | 14    | 21    | 14    | 14    | 14    | 14    | 15       | 14       |
|                       | MAXIMUM 2-MINUTE:           |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
|                       | SPEED (MPH)                 | 6    | 32    | 43    | 37    | 43    | 26    | 39    | 44    | 33    | 55    | 26    | 29    | 41       | 55       |
|                       | DIR. (TENS OF DEGS)         |      | 34    | 13    | 14    | 12    | 36    | 34    | 02    | 01    | 06    | 26    | 33    | 15       | 06       |
|                       | YEAR OF OCCURRENCE          |      | 1996  | 1998  | 1999  | 1997  | 1996  | 1994  | 1998  | 1999  | 1998  | 1996  | 1999  | 1994     | SEP 1998 |
|                       | MAXIMUM 5-SECOND:           |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| SPEED (MPH)           | 6                           | 40   | 51    | 43    | 54    | 39    | 47    | 53    | 45    | 63    | 34    | 39    | 46    | 63       |          |
| DIR. (TENS OF DEGS)   |                             | 34   | 14    | 14    | 29    | 26    | 33    | 02    | 01    | 06    | 26    | 33    | 15    | 06       |          |
| YEAR OF OCCURRENCE    |                             | 1996 | 1998  | 1999  | 1996  | 1997  | 1994  | 1998  | 1999  | 1998  | 1996  | 1999  | 1994  | SEP 1998 |          |
| PRECIPITATION         | NORMAL (IN)                 | 30   | 5.24  | 4.70  | 5.82  | 5.57  | 5.05  | 3.18  | 4.51  | 3.77  | 3.55  | 3.26  | 4.81  | 5.91     | 55.37    |
|                       | MAXIMUM MONTHLY (IN)        | 35   | 14.10 | 10.28 | 15.13 | 15.95 | 10.82 | 8.45  | 13.25 | 8.33  | 9.61  | 9.13  | 9.98  | 17.70    | 17.70    |
|                       | YEAR OF OCCURRENCE          |      | 1979  | 1987  | 1976  | 1991  | 1967  | 1997  | 1979  | 1992  | 1965  | 1970  | 1977  | 1982     | DEC 1982 |
|                       | MINIMUM MONTHLY (IN)        | 35   | 0.75  | 1.43  | 2.05  | 1.21  | 0.29  | 0.10  | 1.04  | 0.61  | 0.56  | 0.00  | 0.51  | 0.91     | 0.00     |
|                       | YEAR OF OCCURRENCE          |      | 1986  | 1976  | 1966  | 1987  | 1988  | 1988  | 1987  | 1990  | 1969  | 1963  | 1985  | 1980     | OCT 1963 |
|                       | MAXIMUM IN 24 HOURS (IN)    | 35   | 5.63  | 3.46  | 4.69  | 8.42  | 3.43  | 6.49  | 5.37  | 4.79  | 5.86  | 6.99  | 4.34  | 6.71     | 8.42     |
|                       | YEAR OF OCCURRENCE          |      | 1979  | 1974  | 1991  | 1979  | 1989  | 1997  | 1981  | 1992  | 1965  | 1975  | 1983  | 1982     | APR 1979 |
|                       | NORMAL NO. DAYS WITH:       |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| PRECIPITATION ≥ 0.01  | 30                          | 10.8 | 9.3   | 10.1  | 8.3   | 9.4   | 8.2   | 10.3  | 9.5   | 8.3   | 5.9   | 8.1   | 10.1  | 108.3    |          |
| PRECIPITATION ≥ 1.00  | 30                          | 1.7  | 1.4   | 2.0   | 1.9   | 1.9   | 0.9   | 1.0   | 1.0   | 0.9   | 0.9   | 1.6   | 2.1   | 17.3     |          |
| SNOWFALL              | NORMAL (IN)                 | 30   | 0.6   | 0.2   | 0.2   | 0.*   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.*   | 0.1      | 1.1      |
|                       | MAXIMUM MONTHLY (IN)        | 35   | 6.3   | 3.6   | 5.3   | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 4.8      | 6.3      |
|                       | YEAR OF OCCURRENCE          |      | 1982  | 1968  | 1968  | 1987  |       |       |       |       |       |       | 1976  | 1997     | JAN 1982 |
|                       | MAXIMUM IN 24 HOURS (IN)    | 35   | 6.0   | 3.6   | 5.3   | 1.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.2   | 4.8      | 6.0      |
|                       | YEAR OF OCCURRENCE          |      | 1982  | 1968  | 1968  | 1987  |       |       |       |       |       |       | 1976  | 1997     | JAN 1982 |
|                       | MAXIMUM SNOW DEPTH (IN)     | 34   | 6     | 1     | 2     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | T     | 5        | 6        |
|                       | YEAR OF OCCURRENCE          |      | 1982  | 1985  | 1968  | 1987  |       |       |       |       |       |       | 1976  | 1997     | JAN 1982 |
| NORMAL NO. DAYS WITH: |                             |      |       |       |       |       |       |       |       |       |       |       |       |          |          |
| SNOWFALL ≥ 1.0        | 30                          | 0.2  | 0.1   | 0.*   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.1   | 0.4      |          |

PRECIPITATION (inches) 1999 JACKSON, MS (JAN)

| YEAR           | JAN   | FEB   | MAR   | APR   | MAY   | JUN  | JUL   | AUG  | SEP  | OCT  | NOV  | DEC   | ANNUAL |
|----------------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|-------|--------|
| 1970           | 2.09  | 2.63  | 5.40  | 2.75  | 2.43  | 2.54 | 2.34  | 5.64 | 6.48 | 9.13 | 2.70 | 4.23  | 48.36  |
| 1971           | 3.02  | 5.68  | 7.68  | 6.86  | 8.05  | 3.40 | 6.28  | 2.64 | 6.00 | 0.09 | 2.54 | 9.82  | 62.06  |
| 1972           | 5.94  | 3.09  | 5.57  | 2.44  | 4.52  | 2.01 | 3.31  | 2.84 | 5.04 | 2.08 | 3.52 | 9.67  | 50.03  |
| 1973           | 4.59  | 4.23  | 6.12  | 9.44  | 5.96  | 0.32 | 1.99  | 2.38 | 4.44 | 2.72 | 6.15 | 6.71  | 55.05  |
| 1974           | 11.00 | 6.72  | 3.50  | 6.74  | 3.01  | 3.39 | 1.54  | 6.17 | 5.06 | 1.74 | 4.12 | 7.22  | 60.21  |
| 1975           | 4.57  | 6.18  | 4.86  | 5.07  | 6.53  | 7.44 | 9.81  | 6.21 | 2.68 | 8.25 | 4.34 | 4.29  | 70.23  |
| 1976           | 3.64  | 1.43  | 15.13 | 2.08  | 8.01  | 2.80 | 4.96  | 5.26 | 3.78 | 3.52 | 3.34 | 3.44  | 57.39  |
| 1977           | 6.18  | 2.26  | 6.41  | 7.98  | 0.74  | 2.17 | 6.22  | 1.45 | 3.93 | 2.79 | 9.98 | 3.47  | 53.58  |
| 1978           | 5.32  | 2.36  | 3.37  | 3.54  | 10.48 | 1.03 | 3.65  | 1.80 | 2.90 | 1.21 | 3.30 | 8.37  | 47.33  |
| 1979           | 14.10 | 8.35  | 4.67  | 14.38 | 5.52  | 4.38 | 13.25 | 7.44 | 5.93 | 1.76 | 8.79 | 4.18  | 92.75  |
| 1980           | 7.53  | 3.19  | 13.57 | 14.33 | 6.60  | 1.74 | 2.91  | 1.45 | 3.25 | 3.47 | 4.11 | 0.91  | 63.06  |
| 1981           | 1.41  | 2.63  | 6.19  | 1.26  | 6.64  | 3.66 | 6.51  | 2.81 | 3.51 | 5.12 | 1.97 | 4.90  | 46.61  |
| 1982           | 4.48  | 5.22  | 5.13  | 6.59  | 0.77  | 6.27 | 9.29  | 4.97 | 1.05 | 6.73 | 7.43 | 17.70 | 75.63  |
| 1983           | 8.17  | 6.55  | 6.00  | 15.53 | 9.41  | 2.93 | 1.70  | 3.70 | 2.70 | 1.52 | 8.11 | 6.95  | 73.27  |
| 1984           | 2.64  | 4.64  | 4.84  | 3.96  | 5.61  | 3.18 | 3.07  | 4.56 | 0.93 | 7.68 | 6.48 | 2.17  | 49.76  |
| 1985           | 4.05  | 7.55  | 3.13  | 3.31  | 0.86  | 1.74 | 4.43  | 7.06 | 3.94 | 7.17 | 0.51 | 3.61  | 47.36  |
| 1986           | 0.75  | 1.53  | 3.34  | 1.75  | 10.00 | 3.72 | 4.78  | 2.03 | 2.63 | 5.10 | 9.40 | 4.98  | 50.01  |
| 1987           | 4.66  | 10.28 | 5.47  | 1.21  | 4.98  | 6.17 | 1.04  | 4.03 | 1.50 | 0.27 | 4.20 | 3.50  | 47.31  |
| 1988           | 2.25  | 3.89  | 7.46  | 5.37  | 0.29  | 0.10 | 2.73  | 3.02 | 2.28 | 6.14 | 5.66 | 4.80  | 43.99  |
| 1989           | 4.38  | 2.52  | 4.53  | 2.13  | 7.92  | 8.17 | 4.47  | 1.74 | 5.40 | 0.23 | 6.86 | 4.20  | 52.55  |
| 1990           | 12.17 | 8.30  | 3.55  | 3.66  | 6.34  | 1.46 | 2.84  | 0.61 | 4.83 | 1.24 | 3.33 | 5.71  | 54.04  |
| 1991           | 4.98  | 5.30  | 7.50  | 15.95 | 7.11  | 3.35 | 3.32  | 1.49 | 3.45 | 2.95 | 2.39 | 5.27  | 63.06  |
| 1992           | 4.27  | 3.83  | 2.11  | 1.48  | 1.22  | 4.75 | 4.48  | 8.33 | 3.80 | 1.55 | 8.27 | 4.32  | 48.41  |
| 1993           | 4.72  | 3.40  | 3.84  | 4.09  | 4.31  | 3.79 | 7.00  | 2.47 | 2.04 | 4.08 | 5.39 | 2.89  | 48.02  |
| 1994           | 8.31  | 6.14  | 5.63  | 4.32  | 2.25  | 7.37 | 5.09  | 4.29 | 1.81 | 5.12 | 2.57 | 3.31  | 56.21  |
| 1995           | 3.68  | 2.01  | 6.63  | 8.59  | 4.30  | 3.60 | 5.29  | 5.26 | 1.52 | 6.51 | 6.20 | 5.44  | 59.03  |
| 1996           | 8.85  | 2.01  | 8.58  | 6.01  | 0.72  | 3.85 | 6.99  | 6.70 | 1.49 | 1.59 | 4.84 | 3.33  | 54.96  |
| 1997           | 4.46  | 6.75  | 2.26  | 7.77  | 6.83  | 8.45 | 1.15  | 5.02 | 2.69 | 4.26 | 3.53 | 5.77  | 58.94  |
| 1998           | 9.52  | 5.51  | 6.17  | 3.68  | 1.47  | 3.26 | 6.44  | 2.02 | 2.41 | 0.51 | 4.32 | 6.24  | 51.55  |
| 1999           | 8.47  | 2.04  | 4.65  | 2.09  | 2.66  | 4.34 | 4.41  | 1.71 | 2.48 | 5.74 | 1.88 | 2.76  | 43.23  |
| POR=<br>91 YRS | 5.09  | 4.72  | 5.54  | 5.40  | 4.54  | 3.84 | 4.54  | 3.64 | 2.82 | 2.62 | 4.05 | 5.41  | 52.21  |

WBAN : 03940

AVERAGE TEMPERATURE (°F) 1999 JACKSON, MS (JAN)

| YEAR           | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
|----------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 1970           | 41.2 | 46.3 | 54.0 | 68.1 | 72.9 | 79.1 | 80.8 | 81.6 | 80.1 | 64.7 | 52.8 | 52.7 | 64.5   |
| 1971           | 48.7 | 49.1 | 52.4 | 62.2 | 67.9 | 79.9 | 81.0 | 80.5 | 78.3 | 70.1 | 54.7 | 57.9 | 65.2   |
| 1972           | 51.5 | 51.2 | 58.8 | 66.4 | 71.9 | 79.6 | 80.4 | 82.8 | 81.5 | 68.0 | 52.0 | 50.1 | 66.2   |
| 1973           | 44.3 | 46.9 | 62.1 | 62.5 | 70.9 | 81.3 | 83.7 | 80.1 | 77.6 | 68.6 | 61.7 | 49.3 | 65.8   |
| 1974           | 55.1 | 50.1 | 62.4 | 63.1 | 73.8 | 74.8 | 80.4 | 79.3 | 72.0 | 64.1 | 55.6 | 50.4 | 65.1   |
| 1975           | 51.8 | 52.9 | 56.8 | 63.5 | 74.1 | 78.3 | 81.2 | 80.6 | 72.3 | 66.2 | 56.6 | 47.4 | 65.1   |
| 1976           | 44.3 | 56.7 | 60.0 | 65.4 | 67.9 | 76.7 | 80.8 | 80.2 | 74.8 | 59.9 | 47.2 | 45.0 | 63.2   |
| 1977           | 35.3 | 49.3 | 59.7 | 66.3 | 75.5 | 81.7 | 82.7 | 82.0 | 78.4 | 62.0 | 57.1 | 47.5 | 64.8   |
| 1978           | 36.5 | 39.6 | 52.5 | 65.4 | 71.9 | 80.0 | 83.4 | 82.0 | 78.4 | 63.6 | 60.3 | 48.8 | 63.5   |
| 1979           | 38.3 | 46.0 | 57.4 | 64.8 | 70.3 | 76.7 | 80.2 | 79.7 | 73.8 | 64.1 | 50.9 | 46.2 | 62.4   |
| 1980           | 47.4 | 45.5 | 54.3 | 61.6 | 72.8 | 80.7 | 85.8 | 84.7 | 82.4 | 61.4 | 53.2 | 46.2 | 64.7   |
| 1981           | 41.8 | 48.7 | 55.1 | 71.0 | 69.9 | 81.8 | 83.6 | 82.6 | 73.2 | 65.4 | 58.6 | 46.6 | 64.9   |
| 1982           | 47.2 | 48.8 | 62.1 | 63.8 | 74.7 | 79.5 | 82.4 | 81.8 | 74.1 | 65.1 | 56.4 | 52.9 | 65.7   |
| 1983           | 43.7 | 47.4 | 53.9 | 60.1 | 70.7 | 76.6 | 82.9 | 82.7 | 74.1 | 65.8 | 55.1 | 41.8 | 62.9   |
| 1984           | 39.9 | 49.7 | 56.5 | 63.9 | 71.0 | 78.9 | 80.6 | 79.9 | 74.6 | 71.2 | 53.6 | 58.3 | 64.8   |
| 1985           | 38.0 | 44.8 | 61.3 | 65.2 | 72.2 | 78.8 | 80.5 | 80.3 | 74.0 | 68.0 | 62.5 | 42.7 | 64.0   |
| 1986           | 45.3 | 52.6 | 57.0 | 64.1 | 72.9 | 80.4 | 83.2 | 80.5 | 79.8 | 66.1 | 60.1 | 46.6 | 65.7   |
| 1987           | 44.4 | 51.3 | 55.5 | 62.2 | 75.9 | 79.0 | 82.0 | 82.9 | 75.2 | 59.9 | 56.6 | 52.1 | 64.8   |
| 1988           | 41.7 | 47.5 | 55.8 | 64.6 | 70.8 | 79.8 | 82.5 | 82.6 | 77.9 | 61.6 | 59.3 | 49.3 | 64.5   |
| 1989           | 52.5 | 48.2 | 58.8 | 63.2 | 72.0 | 78.4 | 80.6 | 80.8 | 74.1 | 63.9 | 57.1 | 40.4 | 64.2   |
| 1990           | 51.0 | 56.2 | 60.0 | 63.7 | 71.8 | 81.3 | 81.5 | 82.3 | 78.4 | 63.7 | 58.0 | 51.8 | 66.6   |
| 1991           | 46.6 | 51.7 | 59.3 | 68.0 | 75.6 | 79.9 | 82.9 | 81.4 | 76.0 | 67.2 | 52.4 | 52.0 | 66.1   |
| 1992           | 45.6 | 53.7 | 57.6 | 64.1 | 71.1 | 77.7 | 82.0 | 77.8 | 75.6 | 65.0 | 52.7 | 50.1 | 64.4   |
| 1993           | 49.9 | 49.2 | 54.4 | 61.0 | 71.0 | 80.9 | 82.5 | 82.9 | 75.9 | 62.3 | 52.1 | 45.8 | 64.0   |
| 1994           | 41.9 | 49.4 | 55.8 | 66.2 | 70.6 | 79.4 | 78.9 | 79.0 | 74.0 | 66.2 | 58.5 | 49.7 | 64.1   |
| 1995           | 46.9 | 49.5 | 58.5 | 64.7 | 73.5 | 76.0 | 82.4 | 83.5 | 75.2 | 63.8 | 52.1 | 47.6 | 64.5   |
| 1996           | 45.2 | 49.8 | 51.9 | 61.5 | 75.7 | 78.6 | 81.3 | 78.9 | 73.6 | 65.2 | 55.3 | 50.9 | 64.0   |
| 1997           | 46.0 | 51.5 | 61.5 | 59.6 | 69.8 | 77.1 | 82.3 | 79.5 | 76.7 | 65.1 | 50.7 | 44.9 | 63.7   |
| 1998           | 49.2 | 50.0 | 55.7 | 62.6 | 74.4 | 82.2 | 83.5 | 82.7 | 80.6 | 68.4 | 58.7 | 51.4 | 66.6   |
| 1999           | 51.9 | 53.9 | 54.4 | 69.3 | 71.5 | 79.5 | 82.0 | 84.0 | 75.2 | 65.0 | 55.8 | 48.4 | 65.9   |
| POR=<br>91 YRS | 47.4 | 50.5 | 57.3 | 65.1 | 72.5 | 79.5 | 81.9 | 81.4 | 76.7 | 66.0 | 55.6 | 49.1 | 65.2   |

HEATING DEGREE DAYS (base 65°F) 1999 JACKSON, MS (JAN)

| YEAR    | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1970-71 | 0   | 0   | 0   | 85  | 367 | 388 | 507 | 444 | 394 | 147 | 40  | 0   | 2372  |
| 1971-72 | 0   | 0   | 0   | 19  | 328 | 235 | 431 | 410 | 216 | 76  | 1   | 0   | 1716  |
| 1972-73 | 0   | 0   | 4   | 71  | 400 | 466 | 634 | 503 | 135 | 146 | 19  | 0   | 2378  |
| 1973-74 | 0   | 0   | 0   | 61  | 173 | 486 | 327 | 419 | 165 | 115 | 1   | 0   | 1747  |
| 1974-75 | 0   | 0   | 6   | 79  | 308 | 465 | 429 | 348 | 293 | 138 | 0   | 0   | 2066  |
| 1975-76 | 0   | 0   | 26  | 59  | 304 | 543 | 635 | 252 | 201 | 59  | 18  | 0   | 2097  |
| 1976-77 | 0   | 0   | 0   | 197 | 528 | 614 | 913 | 435 | 196 | 43  | 1   | 0   | 2927  |
| 1977-78 | 0   | 0   | 0   | 136 | 246 | 538 | 881 | 706 | 377 | 73  | 14  | 0   | 2971  |
| 1978-79 | 0   | 0   | 0   | 98  | 164 | 519 | 821 | 531 | 262 | 69  | 20  | 0   | 2484  |
| 1979-80 | 0   | 0   | 0   | 98  | 421 | 580 | 540 | 570 | 337 | 124 | 3   | 0   | 2673  |
| 1980-81 | 0   | 0   | 0   | 158 | 363 | 575 | 711 | 454 | 312 | 20  | 18  | 0   | 2611  |
| 1981-82 | 0   | 0   | 16  | 104 | 217 | 568 | 569 | 451 | 199 | 123 | 4   | 0   | 2251  |
| 1982-83 | 0   | 0   | 19  | 120 | 286 | 421 | 653 | 487 | 347 | 176 | 12  | 0   | 2521  |
| 1983-84 | 0   | 0   | 21  | 83  | 315 | 716 | 770 | 440 | 289 | 113 | 29  | 0   | 2776  |
| 1984-85 | 0   | 0   | 12  | 27  | 350 | 249 | 832 | 562 | 158 | 92  | 2   | 0   | 2284  |
| 1985-86 | 0   | 0   | 14  | 54  | 148 | 685 | 606 | 360 | 261 | 90  | 8   | 0   | 2226  |
| 1986-87 | 0   | 0   | 0   | 79  | 183 | 566 | 632 | 378 | 297 | 150 | 0   | 0   | 2285  |
| 1987-88 | 0   | 0   | 0   | 161 | 271 | 408 | 716 | 502 | 292 | 74  | 4   | 0   | 2428  |
| 1988-89 | 0   | 0   | 0   | 134 | 208 | 484 | 392 | 495 | 239 | 135 | 20  | 0   | 2107  |
| 1989-90 | 0   | 0   | 11  | 109 | 265 | 754 | 429 | 261 | 209 | 125 | 9   | 0   | 2172  |
| 1990-91 | 0   | 0   | 5   | 145 | 227 | 427 | 566 | 368 | 229 | 35  | 2   | 0   | 2004  |
| 1991-92 | 0   | 0   | 4   | 67  | 404 | 403 | 593 | 323 | 233 | 118 | 18  | 0   | 2163  |
| 1992-93 | 0   | 0   | 1   | 45  | 364 | 452 | 461 | 437 | 327 | 163 | 5   | 0   | 2255  |
| 1993-94 | 0   | 0   | 10  | 161 | 401 | 588 | 709 | 437 | 286 | 88  | 13  | 0   | 2693  |
| 1994-95 | 0   | 0   | 7   | 67  | 211 | 470 | 558 | 430 | 229 | 80  | 14  | 0   | 2066  |
| 1995-96 | 0   | 0   | 4   | 106 | 389 | 533 | 603 | 460 | 410 | 161 | 4   | 0   | 2670  |
| 1996-97 | 0   | 0   | 11  | 80  | 298 | 435 | 592 | 381 | 143 | 170 | 16  | 0   | 2126  |
| 1997-98 | 0   | 0   | 0   | 129 | 420 | 617 | 481 | 414 | 336 | 124 | 0   | 1   | 2522  |
| 1998-99 | 0   | 0   | 0   | 46  | 197 | 442 | 412 | 320 | 324 | 53  | 3   | 0   | 1797  |
| 1999-   | 0   | 0   | 8   | 87  | 268 | 509 |     |     |     |     |     |     |       |

WBAN : 03940

COOLING DEGREE DAYS (base 65°F) 1999 JACKSON, MS (JAN)

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 1970 | 7   | 0   | 5   | 173 | 274 | 431 | 496 | 522 | 460 | 81  | 7   | 18  | 2474   |
| 1971 | 9   | 7   | 10  | 69  | 138 | 453 | 503 | 487 | 406 | 181 | 29  | 20  | 2312   |
| 1972 | 20  | 17  | 30  | 126 | 221 | 445 | 487 | 561 | 506 | 169 | 15  | 16  | 2613   |
| 1973 | 1   | 0   | 51  | 77  | 210 | 498 | 583 | 477 | 382 | 181 | 81  | 5   | 2546   |
| 1974 | 25  | 8   | 91  | 64  | 279 | 298 | 487 | 451 | 223 | 57  | 34  | 19  | 2036   |
| 1975 | 26  | 17  | 46  | 96  | 290 | 407 | 509 | 487 | 255 | 101 | 59  | 7   | 2300   |
| 1976 | 0   | 17  | 52  | 76  | 116 | 357 | 497 | 481 | 300 | 47  | 0   | 0   | 1943   |
| 1977 | 0   | 3   | 39  | 89  | 331 | 508 | 555 | 534 | 409 | 47  | 16  | 4   | 2535   |
| 1978 | 2   | 0   | 0   | 92  | 235 | 456 | 576 | 536 | 409 | 60  | 31  | 24  | 2421   |
| 1979 | 0   | 2   | 35  | 69  | 190 | 357 | 482 | 461 | 269 | 76  | 4   | 2   | 1947   |
| 1980 | 0   | 11  | 11  | 28  | 253 | 476 | 652 | 619 | 527 | 52  | 14  | 1   | 2644   |
| 1981 | 0   | 3   | 12  | 207 | 174 | 514 | 582 | 555 | 267 | 127 | 30  | 2   | 2473   |
| 1982 | 25  | 3   | 116 | 93  | 310 | 443 | 544 | 530 | 297 | 130 | 35  | 51  | 2577   |
| 1983 | 0   | 0   | 13  | 35  | 194 | 354 | 564 | 555 | 300 | 115 | 24  | 6   | 2160   |
| 1984 | 0   | 5   | 35  | 87  | 221 | 422 | 489 | 470 | 310 | 227 | 19  | 49  | 2334   |
| 1985 | 0   | 3   | 54  | 105 | 233 | 424 | 486 | 480 | 290 | 153 | 79  | 0   | 2307   |
| 1986 | 0   | 21  | 18  | 70  | 259 | 469 | 572 | 487 | 446 | 122 | 44  | 2   | 2510   |
| 1987 | 0   | 0   | 9   | 72  | 344 | 429 | 533 | 560 | 311 | 14  | 22  | 15  | 2309   |
| 1988 | 0   | 1   | 14  | 67  | 193 | 452 | 552 | 552 | 395 | 34  | 45  | 3   | 2308   |
| 1989 | 8   | 30  | 54  | 87  | 245 | 406 | 489 | 498 | 293 | 84  | 36  | 0   | 2230   |
| 1990 | 3   | 25  | 60  | 92  | 226 | 494 | 515 | 544 | 412 | 113 | 24  | 24  | 2532   |
| 1991 | 0   | 3   | 59  | 129 | 337 | 456 | 562 | 515 | 341 | 142 | 37  | 7   | 2588   |
| 1992 | 0   | 1   | 10  | 97  | 213 | 383 | 532 | 403 | 324 | 51  | 2   | 0   | 2016   |
| 1993 | 0   | 1   | 6   | 48  | 197 | 485 | 547 | 562 | 340 | 82  | 19  | 0   | 2287   |
| 1994 | 0   | 6   | 9   | 132 | 196 | 437 | 437 | 439 | 283 | 110 | 24  | 4   | 2077   |
| 1995 | 5   | 2   | 38  | 79  | 282 | 339 | 545 | 581 | 318 | 76  | 9   | 4   | 2278   |
| 1996 | 0   | 28  | 12  | 64  | 343 | 418 | 512 | 439 | 275 | 92  | 13  | 5   | 2201   |
| 1997 | 13  | 9   | 40  | 15  | 175 | 368 | 540 | 459 | 357 | 139 | 0   | 0   | 2115   |
| 1998 | 2   | 0   | 55  | 60  | 298 | 522 | 582 | 554 | 474 | 156 | 12  | 29  | 2744   |
| 1999 | 12  | 14  | 0   | 188 | 213 | 441 | 533 | 596 | 319 | 96  | 1   | 1   | 2414   |

SNOWFALL (inches) 1999 JACKSON, MS (JAN)

| YEAR           | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1970-71        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | T   | 0.0 | 0.0 | T     |
| 1971-72        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1972-73        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1973-74        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3   |
| 1974-75        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | T     |
| 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 | 0.2 | 0.0 | 5.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.0   |
| 1977-78        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | T   | 0.1 | 0.0 | 0.0 | 0.0 | 1.2   |
| 1978-79        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1979-80        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | 0.0 | 0.0 | 0.0 | T     |
| 1980-81        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1981-82        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 6.3 | T   | T   | 0.0 | 0.0 | 0.0 | 6.3   |
| 1982-83        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | T   | 0.0 | 0.0 | T     |
| 1983-84        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | T     |
| 1984-85        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7   |
| 1985-86        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 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   | 1.1 | 0.0 | 0.0 | 1.1   |
| 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 | T   | T   | T   | 0.0 | 0.0 | T     |
| 1989-90        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1   |
| 1990-91        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | T     |
| 1991-92        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2   |
| 1992-93        | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | T   | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 1.6   |
| 1993-94        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.0 | 0.0 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0   |
| 1995-96        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | T   | T   | 0.0 | 0.0 | 0.0 | T     |
| 1996-97        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | T   | T   | 0.0 | 0.0 | 0.0 | 0.0 | 0.7   |
| 1997-98        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.8   |
| 1998-99        | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | T   | T   | 0.0 | T   | 0.0 | 0.0 | 0.0 | T     |
| 1999-          | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |     |     |     |     |     |     |       |
| POR=<br>36 YRS | 0.0 | 0.0 | 0.0 | 0.0 | T   | 0.1 | 0.5 | 0.2 | 0.2 | T   | 0.0 | 0.0 | 1.0   |

WBAN : 03940

REFERENCE NOTES:

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

1999  
JACKSON,  
MISSISSIPPI (JAN)

Jackson is located on the west bank of the Pearl River, about 45 miles east of the Mississippi River and 150 miles north of the Gulf of Mexico. The nearby terrain is gently rolling with no topographic features that appreciably influence the weather. The National Weather Service Office is nearly 7 miles east-northeast of the Jackson Post Office and over 5 miles southwest of the Ross Barnett Reservoir. Alluvial plains up to 3 miles wide extend along the river near Jackson, where some levees have been built on both sides of the river.

The climate is significantly humid during most of the year, with relatively short mild winters and long warm summers. The Gulf of Mexico has a moderating effect on the climate. Cold spells are fairly frequent in winter, but are usually of short duration. Sub-zero temperatures rarely occur. Temperatures occasionally exceed 80 degrees in mid-winter. In summer, temperatures reach 90 degrees or higher on about two-thirds of the days, 100 degree readings are infrequent. Extended periods of very hot weather are rare. On unusual occasions, temperatures at night may drop into the 50s, even in July or August.

Snowfall averages less than two inches per season, with nearly two-thirds of the seasons having only a trace of snow or none at all. Ice storms

occasionally cause major damage to trees and power lines during the winter or early spring season. Rainfall is abundant and fairly well-distributed throughout the year. The area does not have a true dry season. However, the six-month period, June through November, is relatively dry in comparison with the December through May period when 60 percent of the annual precipitation can be expected.

Excessive rainfall may occur in any season. In spite of the normally abundant rainfall, fairly serious droughts occasionally occur during the summer or fall season. Tropical disturbances, including hurricanes and their remnants, are infrequent. However, those that pass near or visit the Mississippi Coast in the summer or early fall may bring several days of heavy rain to the Jackson area.

Thunderstorms can be expected on an average of 65 days a year, usually occurring in each month. They are most frequent in summer when they occur on about one-third of the days. At other times of the year, thunderstorms are usually associated with passing weather systems and are likely to be attended by higher winds than in summer. Severe thunderstorms normally affect portions of the metropolitan area a few times each year.

# STATION LOCATION

JACKSON, MISSISSIPPI

| LOCATION   | OCCUPIED FROM    | OCCUPIED TO      | AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION | LATITUDE NORTH   | LONGITUDE WEST   | ELEVATION ABOVE |        |      |      |      |           |           |           |         |      |      | * Type  | REMARKS |
|--|------------------|------------------|---|------------------|------------------|-----------------|--------|------|------|------|-----------|-----------|-----------|---------|------|------|---|---------|
|  |                  |                  |   |                  |                  | SEA LEVEL       | GROUND |      |      |      |           |           |           |         |      |      |   |         |
|  |                  |                  |   |                  |                  |                 | WIND   | WIND | WIND | WIND | WIND      | WIND      | WIND      | WIND    | WIND | WIND |   |         |
| <b>COOPERATIVE</b>   |                  |                  |   |                  |                  |                 |        |      |      |      |           |           |           |         |      |      |   |         |
| A&V Depot, 430 S. State Street                                       | 6/1893           | 7/1899           |   | 32°18'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      | a - Approximate value.<br>b - Ground exposure.  |         |
| Western Union Office<br>530 E. Capitol Street                        | 8/1899           | 7/1906           | 1000' NW  | 32°18'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      |   |         |
| 136 Adams Street   | 8/1906           | 2/21/08          | 1.25 mi. W  | 32°18'           | 90°12'           | a294            |        |      |      |      |           |           |           |         |      |      |   |         |
| * Board of Trade Bldg.<br>210 E. Capitol Street                      | 2/21/08          | 3/19/10          | 1 mi. E   | 32°18'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      | * Office of 2nd Order Station appears to have moved, but thermometers and rain gage were apparently in SITU on Post Office lawn February 1908 - December 1929.                                |         |
| * Board of Trade Bldg.<br>230-1/2 E. Capitol St.                     | 3/19/10          | 12/31/20         | No change   | 32°18'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      |   |         |
| * Post Office Building<br>245 E. Capitol Street                      | 1/01/21          | 11/30/29         | No change   | 32°18'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      |   |         |
| SW corner S. State St.<br>and Silas Brown Street                     | 12/1929          | 6/1931           | 1 mi. S   | 32°17'           | 90°11'           | a294            |        |      |      |      |           |           |           |         |      |      |   |         |
| Jackson Municipal AP<br>701 E. Silas Brown St.                       | 7/1931<br>7/1935 | 6/1935<br>5/1939 | 4 mi. NW<br>4 mi. SE                                    | 32°20'<br>32°17' | 90°13'<br>90°11' | 315<br>a204     |        | 5    | 5    |      |           |           |           |         |      |      |   |         |
| <b>AIRPORT</b>   |                  |                  |   |                  |                  |                 |        |      |      |      |           |           |           |         |      |      |   |         |
| Administration Building<br>Jackson Municipal AP                      | 6/1939           | 6/05/55          | 4 mi. NW  | 32°20'           | 90°13'           | 315             | c46    | d21  | d21  | c20  | e21       | e20       |           |         |      |      | c - Approximate, 60 feet to 10/12/47.<br>d - 5 feet to 10/12/47.<br>e - 4 feet to 10/12/47.   |         |
| Operations Building<br>Jackson Municipal AP<br>Hawkins Field         | 6/06/55          | 7/08/63          | 200' WSW  | 32°20'           | 90°13'           | 305             | #30    | 6    | 5    |      | 4         | 4         | 4         |         |      |      | # - Moved 145' SE atop cross-roted pole 2/17/59.  |         |
| Terminal Building<br>Allen C. Thompson Field<br>Jackson Municipal AP | 7/08/63          | 11/21/78         | 8.5 mi. E   | 32°19'           | 90°05'           | g310            | 20     | i47  | i47  |      | j4<br>m44 | h5<br>k4  | h4<br>k3  | f5      |      |      | f - Commissioned 2400 feet N of office 2/11/64.<br>g - 330 feet to 2/11/64.<br>h - 44 feet to 2/5/64.<br>i - Decommissioned 3/10/64.<br>j - Added 1/1/65.<br>k - Elevation effective 9/13/67. |         |
| Wea. Ser. Building<br>Allen C. Thompson Field                        | 11/21/78         | 07/01/93         | 3475' NNW   | 32°19'           | 90°05'           | 291             | 33     | NA   | NA   | 6    | n16<br>q6 | n16<br>l6 | n16<br>q6 | 5<br>p5 | NA   |      | m - Effective 8/11/73.<br>n - Roof exposure.<br>p - Type change 6/6/85.<br>q - Moved to ground 02/01/89.  |         |
| Allen C. Thompson Field  | 07/01/93         | Present          | NA  | 32°19'           | 90°05'           | 294             |        |      |      |      |           |           |           |         | S    |      | ASOS commissioned 07/01/93  |         |

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