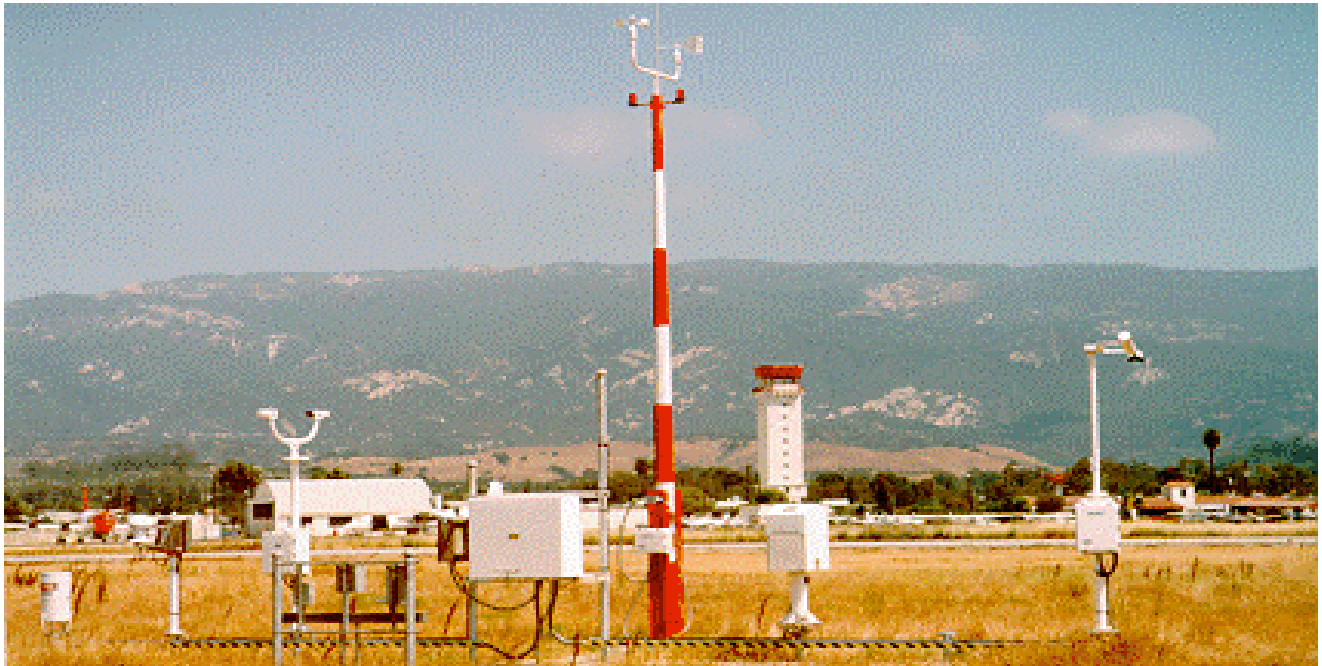


CLIMATOGRAPHY OF THE UNITED STATES NO. 81



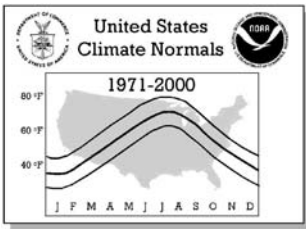
**Monthly Station Normals  
of Temperature, Precipitation,  
and Heating and Cooling  
Degree Days  
1971 - 2000**



**01  
ALABAMA**



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
ASHEVILLE, NC

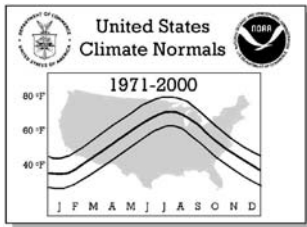


**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

Page 2

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# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

#### NOTES

##### Product Description:

This Climatography includes 1971-2000 normals of monthly and annual maximum, minimum, and mean temperature (degrees F), monthly and annual total precipitation (inches), and heating and cooling degree days (base 65 degrees F). Normals stations include both National Weather Service Cooperative Network and Principal Observation (First-Order) locations in the 50 states, Puerto Rico, the Virgin Islands, and Pacific Islands.

##### Abbreviations:

**No.** = Station Number in State Map

**COOP ID** = Cooperative Network ID (1:2=State ID, 3:6=Station Index)

**WBAN ID** = Weather Bureau Army Navy ID, if assigned

**Elements** = Input Elements (X=Maximum Temperature, N=Minimum Temperature, P=Precipitation)

**Call** = 3-Letter Station Call Sign, if assigned

**MAX** = Normal Maximum Temperature (degrees Fahrenheit)

**MEAN** = Average of MAX and MIN (degrees Fahrenheit)

**MIN** = Normal Minimum Temperature (degrees Fahrenheit)

**HDD** = Total Heating Degree Days (base 65 degrees Fahrenheit)

**CDD** = Total Cooling Degree Days (base 65 degrees Fahrenheit)

**Latitude** = Latitude in degrees, minutes, and hemisphere (N=North, S=South)

**Longitude** = Longitude in degrees, minutes, and hemisphere (W=West, E=East)

**Elev** = Elevation in feet above mean sea level

**Flag 1** = \* if a published *Local Climatological Data* station

**Flag 2** = + if WMO Fully Qualified (see *Note* below)

**HIGHEST MEAN/YEAR** = Maximum Mean Monthly Value/Year, 1971-2000

**MEDIAN** = Median Mean Monthly Value/Year, 1971-2000

**LOWEST MEAN/YEAR** = Minimum Mean Monthly Value/Year, 1971-2000

**MAX OBS TIME ADJUSTMENT** = Add to MAX to Get Midnight Obs. Schedule

**MIN OBS TIME ADJUSTMENT** = Add to MIN to Get Midnight Obs. Schedule

*Note:* In 1989, the World Meteorological Organization (WMO) prescribed standards of data completeness for the 1961-1990 WMO Standard Normals. For full qualification, no more than three consecutive year-month values can be missing for a given month or no more than five overall values can be missing for a given month (out of 30 values). Stations meeting these standards are indicated with a '+' sign in Flag 2. Otherwise, stations are included in the normals if they have at least 10 year-month values for each month and have been active since January 1999 or were a previous normals station.

**Map Legend:** Numbers correspond to 'No.' in Station Inventory; Shaded Circles indicate Temperature and Precipitation Stations, Triangles (Point Up) indicate Precipitation-Only Stations, Triangles (Point Down) indicate Temperature-Only Stations, and Hexagons indicate stations with Flag 1 = \*.

##### Computational Procedures:

A climate normal is defined, by convention, as the arithmetic mean of a climatological element computed over three consecutive decades (WMO, 1989). Ideally, the data record for such a 30-year period should be free of any inconsistencies in observational practices (e.g., changes in station location, instrumentation, time of observation, etc.) and be serially complete (i.e., no missing values). When present, inconsistencies can lead to a non-climatic bias in one period of a station's record relative to another, yielding an "inhomogeneous" data record. Adjustments and estimations can make a climate record "homogeneous" and serially complete, and allow a climate normal to be calculated simply as the average of the 30 monthly values.

The methodology employed to generate the 1971-2000 normals is not the same as in previous normals, as it addresses inhomogeneity and missing data value problems using several steps. The technique developed by Karl *et al.* (1986) is used to adjust monthly maximum and minimum temperature observations of conterminous U.S. stations to a consistent midnight-to-midnight schedule. All monthly temperature averages and precipitation totals are cross-checked against archived daily observations to ensure internal consistency. Each monthly observation is evaluated using a modified quality control procedure (Peterson *et al.*, 1998), where station observation departures are computed, compared with neighboring stations, and then flagged and estimated where large differences with neighboring values exist. Missing or discarded temperature and precipitation observations are replaced using a weighting function derived from the observed relationship between a candidate's monthly observations and those of up to 20 neighboring stations whose observations are most strongly correlated with the candidate site. For temperature estimates, neighboring stations were selected from the U.S. Historical Climatology Network (USHCN; Karl *et al.* 1990). For precipitation estimates, all available stations were potential neighbors, maximizing station density for estimating the more spatially variable precipitation values.

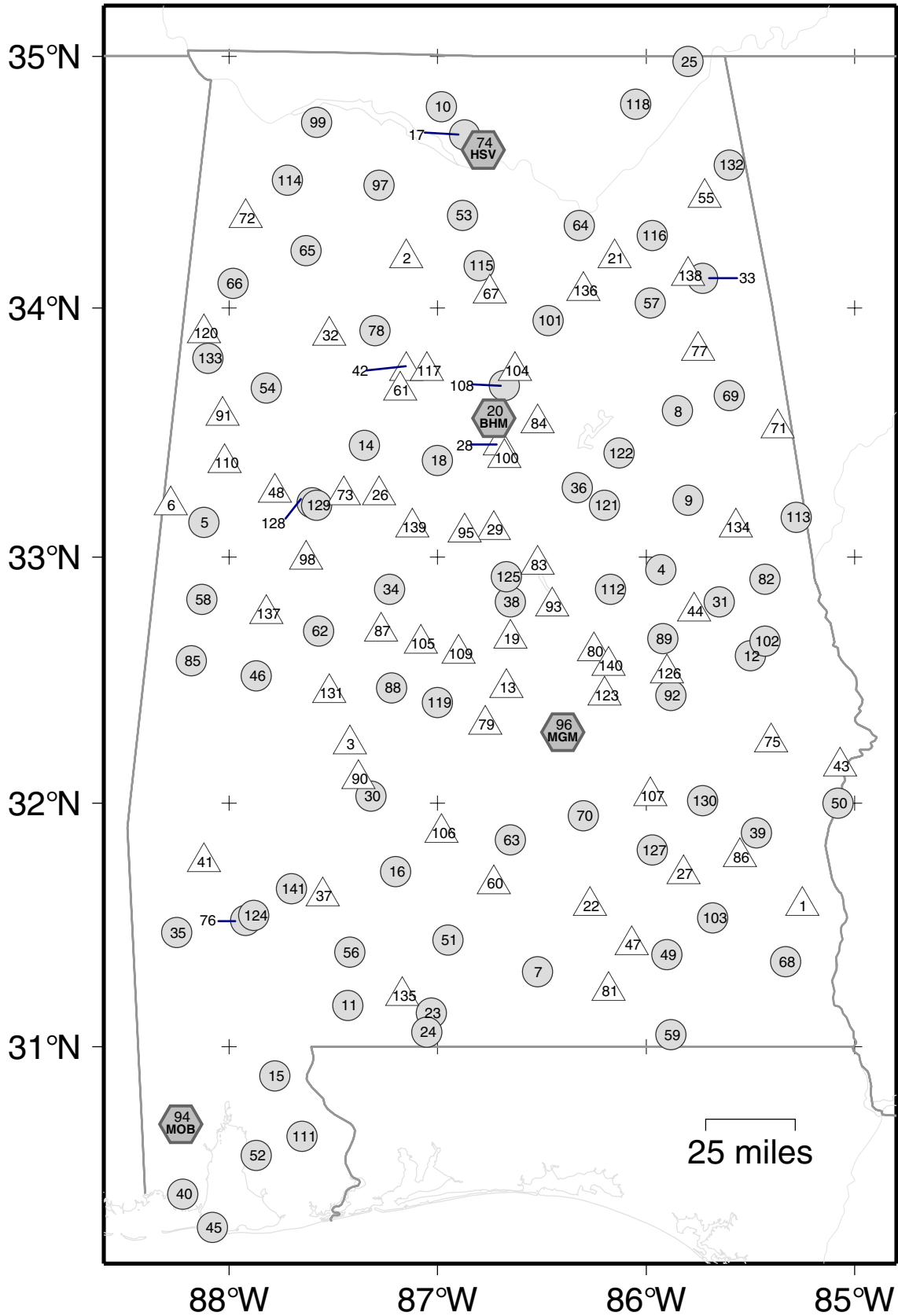
Peterson and Easterling (1994) and Easterling and Peterson (1995) outline the method for adjusting temperature inhomogeneities. This technique involves comparing the record of the candidate station with a reference series generated from neighboring data. The reference series is reconstructed using a weighted average of first difference observations (the difference from one year to the next) for neighboring stations with the highest correlation with the candidate. The underlying assumption behind this methodology is that temperatures over a region have similar tendencies in variation. If this assumption is violated, the potential discontinuity is evaluated for statistical significance. Where significant discontinuities are detected, the difference in average annual temperatures before and after the inhomogeneity is applied to adjust the mean of the earlier block with the mean of the latter block of data. Such an evaluation requires a minimum of five years between discontinuities. Consequently, if multiple changes occur within five years or if a change occurs very near the end of the normals period (e.g., after 1995), the discontinuity may not be detectable using this methodology.

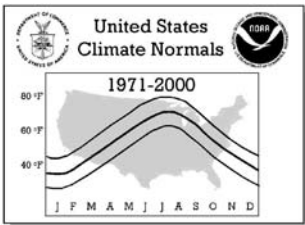
The monthly normals for maximum and minimum temperature and precipitation are computed simply by averaging the appropriate 30 values from the 1971-2000 record. The monthly average temperature normals are computed by averaging the corresponding monthly maximum and minimum normals. The annual temperature normals are calculated by taking the average of the 12 monthly normals. The annual precipitation and degree day normals are the sum of the 12 monthly normals. Trace precipitation totals are shown as zero. Precipitation totals include rain and the liquid equivalent of frozen and freezing precipitation (e.g., snow, sleet, freezing rain, and hail). For many NWS locations, indicated with an '\*' next to 'HDD' and 'CDD' in the degree day table, degree day normals are computed directly from daily values for the 1971-2000 period. For all other stations, estimated degree day totals are based on a modification of the rational conversion formula developed by Thom (1966), using daily spline-fit means and standard deviations of average temperature as inputs.

##### References:

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- Peterson, T.C., R. Vose, R. Schmoyer, and V. Razuvaev, 1998: *Global Historical Climatology Network (GHCN) quality control of monthly temperature data.* *Intl. J. Clim.*, **18**, 1169-1179.
- Thom, H.C.S., 1966: *Normal degree days above any base by the universal truncation coefficient.* *Month. Wea. Rev.*, **94**, 461-465.
- World Meteorological Organization, 1989: *Calculation of Monthly and Annual 30-Year Standard Normals*, WCDP-No. 10, WMO-TD/No. 341, Geneva: World Meteorological Organization.

# 01 - ALABAMA

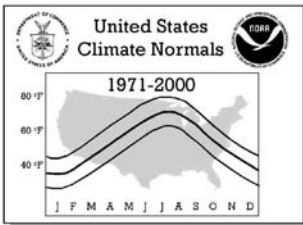




**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

| STATION INVENTORY |         |         |          |                          |      |          |           |      |        |        |
|-------------------|---------|---------|----------|--------------------------|------|----------|-----------|------|--------|--------|
| No.               | COOP ID | WBAN ID | Elements | Station Name             | Call | Latitude | Longitude | Elev | Flag 1 | Flag 2 |
| 1                 | 010008  |         | P        | ABBEVILLE 1 NNW          |      | 31 35 N  | 85 15 W   | 456  |        | +      |
| 2                 | 010063  |         | P        | ADDISON                  |      | 34 12 N  | 87 09 W   | 789  |        |        |
| 3                 | 010140  |         | P        | ALBERTA                  |      | 32 14 N  | 87 26 W   | 175  |        | +      |
| 4                 | 010160  |         | XNP      | ALEXANDER CITY           |      | 32 57 N  | 85 57 W   | 640  |        | +      |
| 5                 | 010178  |         | XNP      | ALICEVILLE               |      | 33 08 N  | 88 08 W   | 240  |        |        |
| 6                 | 010184  |         | P        | ALICEVILLE LOCK & DAM    |      | 33 13 N  | 88 17 W   | 165  |        |        |
| 7                 | 010252  |         | XNP      | ANDALUSIA 3 W            |      | 31 18 N  | 86 31 W   | 250  |        | +      |
| 8                 | 010272  | 13871   | XNP      | ANNISTON METRO AP        | ANB  | 33 35 N  | 85 51 W   | 594  |        | +      |
| 9                 | 010369  |         | XNP      | ASHLAND 3 SE             |      | 33 14 N  | 85 49 W   | 1010 |        | +      |
| 10                | 010395  |         | XNP      | ATHENS 2                 |      | 34 48 N  | 86 59 W   | 720  |        |        |
| 11                | 010402  |         | XNP      | ATMORE STATE NURSERY     |      | 31 10 N  | 87 26 W   | 300  |        |        |
| 12                | 010430  |         | XNP      | AUBURN AGRONOMY FARM     |      | 32 36 N  | 85 30 W   | 652  |        |        |
| 13                | 010440  |         | P        | AUTAUGAVILLE 3 N         |      | 32 28 N  | 86 41 W   | 200  |        | +      |
| 14                | 010505  |         | XNP      | BANKHEAD LOCK AND DAM    |      | 33 27 N  | 87 21 W   | 280  |        | +      |
| 15                | 010583  |         | XNP      | BAY MINETTE              |      | 30 53 N  | 87 47 W   | 271  |        | +      |
| 16                | 010616  |         | XNP      | BEATRICE                 |      | 31 43 N  | 87 13 W   | 178  |        |        |
| 17                | 010655  |         | XNP      | BELLE MINA 2 N           |      | 34 41 N  | 86 53 W   | 600  |        | +      |
| 18                | 010764  |         | XNP      | BESSEMER 3 WSW           |      | 33 24 N  | 87 00 W   | 445  |        |        |
| 19                | 010823  |         | P        | BILLINGSLEY 3 NE         |      | 32 40 N  | 86 40 W   | 445  |        |        |
| 20                | 010831  | 13876   | XNP      | BIRMINGHAM INTL AP       | BHM  | 33 34 N  | 86 45 W   | 615  | *      | +      |
| 21                | 010957  |         | P        | BOAZ                     |      | 34 12 N  | 86 10 W   | 1070 |        |        |
| 22                | 011069  |         | P        | BRANTLEY                 |      | 31 35 N  | 86 16 W   | 269  |        |        |
| 23                | 011080  |         | XNP      | BREWTON 3 ENE            |      | 31 08 N  | 87 03 W   | 160  |        |        |
| 24                | 011084  |         | XNP      | BREWTON 3 SSE            |      | 31 03 N  | 87 03 W   | 85   |        | +      |
| 25                | 011099  |         | XNP      | BRIDGEPORT 5 NW          |      | 34 59 N  | 85 48 W   | 670  |        |        |
| 26                | 011143  |         | P        | BROOKWOOD                |      | 33 15 N  | 87 18 W   | 515  |        | +      |
| 27                | 011178  |         | P        | BRUNDIDGE                |      | 31 43 N  | 85 49 W   | 490  |        |        |
| 28                | 011225  |         | P        | CAHABA PUMP HOUSE        |      | 33 27 N  | 86 43 W   | 461  |        |        |
| 29                | 011288  |         | P        | CALERA                   |      | 33 07 N  | 86 45 W   | 530  |        |        |
| 30                | 011301  |         | XNP      | CAMDEN 3 NW              |      | 32 02 N  | 87 19 W   | 235  |        | +      |
| 31                | 011324  |         | XNP      | CAMP HILL 2 NW           |      | 32 49 N  | 85 39 W   | 680  |        |        |
| 32                | 011377  |         | P        | CARBON HILL              |      | 33 54 N  | 87 32 W   | 430  |        | +      |
| 33                | 011512  |         | XNP      | CENTRE 4 SW              |      | 34 07 N  | 85 44 W   | 617  |        |        |
| 34                | 011525  | 03881   | XNP      | CENTREVILLE 6 SW         |      | 32 52 N  | 87 14 W   | 450  |        |        |
| 35                | 011566  |         | XNP      | CHATOM                   |      | 31 28 N  | 88 15 W   | 285  |        |        |
| 36                | 011620  |         | XNP      | CHILDERSBURG WATER PLANT |      | 33 17 N  | 86 21 W   | 418  |        | +      |
| 37                | 011690  |         | P        | CLAIBORNE L & D          |      | 31 37 N  | 87 33 W   | 50   |        |        |
| 38                | 011694  |         | XNP      | CLANTON                  |      | 32 49 N  | 86 39 W   | 610  |        |        |
| 39                | 011725  |         | XNP      | CLAYTON                  |      | 31 53 N  | 85 29 W   | 500  |        | +      |
| 40                | 011803  |         | XNP      | CODEN                    |      | 30 23 N  | 88 14 W   | 12   |        |        |
| 41                | 011810  |         | P        | COFFEEVILLE L & D        |      | 31 45 N  | 88 08 W   | 46   |        |        |
| 42                | 011940  |         | P        | CORDOVA 2 ENE            |      | 33 45 N  | 87 09 W   | 320  |        |        |
| 43                | 011974  |         | P        | COTTONTON                |      | 32 09 N  | 85 04 W   | 217  |        |        |
| 44                | 012124  |         | P        | DADEVILLE 2              |      | 32 47 N  | 85 46 W   | 721  |        |        |
| 45                | 012172  |         | XNP      | DAUPHIN ISLAND #2        |      | 30 15 N  | 88 05 W   | 8    |        |        |
| 46                | 012245  |         | XNP      | DEMOPOLIS LOCK AND DAM   |      | 32 31 N  | 87 53 W   | 100  |        | +      |
| 47                | 012577  |         | P        | ELBA                     |      | 31 25 N  | 86 04 W   | 195  |        | +      |
| 48                | 012632  |         | P        | ELROD                    |      | 33 15 N  | 87 48 W   | 252  |        | +      |
| 49                | 012675  |         | XNP      | ENTERPRISE 5 NNW         |      | 31 23 N  | 85 54 W   | 469  |        | +      |
| 50                | 012730  |         | XNP      | EUFULA WILDLIFE REF      |      | 32 00 N  | 85 05 W   | 215  |        | +      |
| 51                | 012758  |         | XNP      | EVERGREEN                |      | 31 27 N  | 86 57 W   | 290  |        | +      |
| 52                | 012813  |         | XNP      | FAIRHOPE 2 NE            |      | 30 33 N  | 87 53 W   | 23   |        | +      |
| 53                | 012840  |         | XNP      | FALKVILLE 1 E            |      | 34 22 N  | 86 53 W   | 625  |        |        |
| 54                | 012883  |         | XNP      | FAYETTE                  |      | 33 41 N  | 87 49 W   | 365  |        |        |
| 55                | 013043  |         | P        | FORT PAYNE               |      | 34 26 N  | 85 43 W   | 917  |        |        |
| 56                | 013105  |         | XNP      | FRISCO CITY 3 SSW        |      | 31 23 N  | 87 25 W   | 275  |        | +      |
| 57                | 013154  |         | XNP      | GADSDEN                  |      | 34 01 N  | 85 59 W   | 565  |        |        |
| 58                | 013160  |         | XNP      | GAINESVILLE LOCK         |      | 32 50 N  | 88 08 W   | 125  |        | +      |
| 59                | 013251  |         | XNP      | GENEVA NO 2              |      | 31 03 N  | 85 53 W   | 145  |        |        |
| 60                | 013271  |         | P        | GEORGIANA 1 N            |      | 31 40 N  | 86 45 W   | 300  |        | +      |
| 61                | 013430  |         | P        | GORGAS 2 ENE             |      | 33 40 N  | 87 11 W   | 350  |        |        |
| 62                | 013511  |         | XNP      | GREENSBORO               |      | 32 42 N  | 87 35 W   | 220  |        | +      |
| 63                | 013519  |         | XNP      | GREENVILLE               |      | 31 51 N  | 86 39 W   | 470  |        | +      |
| 64                | 013573  |         | XNP      | GUNTERSVILLE             |      | 34 20 N  | 86 20 W   | 578  |        |        |
| 65                | 013620  |         | XNP      | HALEYVILLE               |      | 34 14 N  | 87 38 W   | 920  |        | +      |
| 66                | 013645  |         | XNP      | HAMILTON 3 S             |      | 34 06 N  | 87 59 W   | 435  |        | +      |
| 67                | 013655  |         | P        | HANCEVILLE               |      | 34 04 N  | 86 46 W   | 530  |        |        |
| 68                | 013761  |         | XNP      | HEADLAND                 |      | 31 21 N  | 85 20 W   | 370  |        | +      |
| 69                | 013775  |         | XNP      | HEFLIN                   |      | 33 39 N  | 85 36 W   | 850  |        | +      |
| 70                | 013816  |         | XNP      | HIGHLAND HOME            |      | 31 57 N  | 86 19 W   | 594  |        | +      |



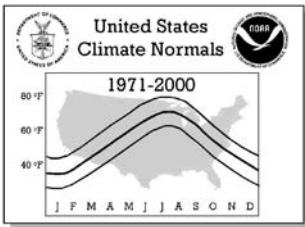
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| STATION INVENTORY |         |         |          |                        |      |          |           |      |        |        |
|-------------------|---------|---------|----------|------------------------|------|----------|-----------|------|--------|--------|
| No.               | COOP ID | WBAN ID | Elements | Station Name           | Call | Latitude | Longitude | Elev | Flag 1 | Flag 2 |
| 71                | 013842  |         | P        | HIGHTOWER              |      | 33 31 N  | 85 23 W   | 1175 |        | +      |
| 72                | 013899  |         | P        | HODGES                 |      | 34 22 N  | 87 56 W   | 840  |        | +      |
| 73                | 013930  |         | P        | HOLT LOCK AND DAM      |      | 33 15 N  | 87 27 W   | 195  |        |        |
| 74                | 014064  | 03856   | XNP      | HUNTSVILLE INTL AP     | HSV  | 34 39 N  | 86 47 W   | 624  | *      | +      |
| 75                | 014080  |         | P        | HURTSBORO              |      | 32 15 N  | 85 25 W   | 400  |        |        |
| 76                | 014193  |         | XNP      | JACKSON                |      | 31 32 N  | 87 56 W   | 220  |        |        |
| 77                | 014209  |         | P        | JACKSONVILLE           |      | 33 50 N  | 85 46 W   | 720  |        |        |
| 78                | 014226  |         | XNP      | JASPER                 |      | 33 54 N  | 87 19 W   | 486  |        |        |
| 79                | 014274  |         | P        | JONES BLUFF LOCK & DAM |      | 32 19 N  | 86 47 W   | 146  |        |        |
| 80                | 014306  |         | P        | JORDAN DAM             |      | 32 37 N  | 86 15 W   | 290  |        |        |
| 81                | 014431  |         | P        | KINSTON                |      | 31 14 N  | 86 11 W   | 270  |        |        |
| 82                | 014502  |         | XNP      | LAFAYETTE 2 W          |      | 32 54 N  | 85 26 W   | 740  |        |        |
| 83                | 014603  |         | P        | LAY DAM                |      | 32 58 N  | 86 31 W   | 420  |        |        |
| 84                | 014619  |         | P        | LEEDS                  |      | 33 33 N  | 86 32 W   | 636  |        | +      |
| 85                | 014798  |         | XNP      | LIVINGSTON             |      | 32 35 N  | 88 11 W   | 128  |        | +      |
| 86                | 014884  |         | P        | LOUISVILLE             |      | 31 47 N  | 85 33 W   | 480  |        |        |
| 87                | 015112  |         | P        | MARION 7 NE            |      | 32 42 N  | 87 16 W   | 172  |        | +      |
| 88                | 015121  |         | XNP      | MARION JUNCTION 2 NE   |      | 32 28 N  | 87 14 W   | 200  |        | +      |
| 89                | 015140  |         | XNP      | MARTIN DAM             |      | 32 40 N  | 85 55 W   | 340  |        |        |
| 90                | 015420  |         | P        | MILLERS FERRY L & D    |      | 32 06 N  | 87 24 W   | 115  |        |        |
| 91                | 015435  |         | P        | MILLPORT 2 E           |      | 33 34 N  | 88 02 W   | 275  |        |        |
| 92                | 015439  |         | XNP      | MILSTEAD               |      | 32 27 N  | 85 53 W   | 215  |        | +      |
| 93                | 015465  |         | P        | MITCHELL DAM           |      | 32 48 N  | 86 27 W   | 350  |        |        |
| 94                | 015478  | 13894   | XNP      | MOBILE RGNL AP         | MOB  | 30 41 N  | 88 15 W   | 215  | *      | +      |
| 95                | 015537  |         | P        | MONTEVALLO             |      | 33 06 N  | 86 52 W   | 410  |        |        |
| 96                | 015550  | 13895   | XNP      | MONTGOMERY DANNELLY AP | MGM  | 32 18 N  | 86 24 W   | 202  | *      | +      |
| 97                | 015635  |         | XNP      | MOULTON 2              |      | 34 29 N  | 87 18 W   | 645  |        | +      |
| 98                | 015658  |         | P        | MOUNDEVILLE            |      | 32 59 N  | 87 39 W   | 120  |        |        |
| 99                | 015749  | 13896   | XNP      | MUSCLE SHOALS AP       | MSL  | 34 45 N  | 87 36 W   | 540  |        |        |
| 100               | 016000  |         | P        | OAK MTN STATE PARK 2 N |      | 33 24 N  | 86 41 W   | 660  |        |        |
| 101               | 016121  |         | XNP      | ONEONTA                |      | 33 57 N  | 86 28 W   | 892  |        | +      |
| 102               | 016129  |         | XNP      | OPELIKA                |      | 32 40 N  | 85 27 W   | 640  |        |        |
| 103               | 016218  |         | XNP      | OZARK 6 NNW            |      | 31 32 N  | 85 41 W   | 470  |        |        |
| 104               | 016246  |         | P        | PALMERDALE             |      | 33 45 N  | 86 39 W   | 720  |        | +      |
| 105               | 016362  |         | P        | PERRYVILLE             |      | 32 39 N  | 87 06 W   | 350  |        | +      |
| 106               | 016436  |         | P        | PINE APPLE             |      | 31 53 N  | 86 59 W   | 265  |        | +      |
| 107               | 016468  |         | P        | PINE LEVEL 4 ESE       |      | 32 02 N  | 85 59 W   | 480  |        |        |
| 108               | 016478  |         | XNP      | PINSON                 |      | 33 41 N  | 86 41 W   | 608  |        |        |
| 109               | 016508  |         | P        | PLANTERSVILLE 2 SSE    |      | 32 37 N  | 86 54 W   | 230  |        | +      |
| 110               | 016847  |         | P        | REFORM                 |      | 33 23 N  | 88 01 W   | 238  |        | +      |
| 111               | 016988  |         | XNP      | ROBERTSDALE 5 NE       |      | 30 38 N  | 87 39 W   | 175  |        | +      |
| 112               | 017020  |         | XNP      | ROCKFORD 3 ESE         |      | 32 52 N  | 86 11 W   | 600  |        |        |
| 113               | 017025  |         | XNP      | ROCK MILLS             |      | 33 10 N  | 85 17 W   | 745  |        |        |
| 114               | 017131  |         | XNP      | RUSSELLVILLE NO 2      |      | 34 31 N  | 87 44 W   | 830  |        | +      |
| 115               | 017157  |         | XNP      | SAINT BERNARD          |      | 34 10 N  | 86 49 W   | 800  |        | +      |
| 116               | 017207  |         | XNP      | SAND MT SUBSTATION     |      | 34 17 N  | 85 58 W   | 1195 |        | +      |
| 117               | 017282  |         | P        | SAYRE 5 NW             |      | 33 45 N  | 87 03 W   | 304  |        |        |
| 118               | 017304  |         | XNP      | SCOTTSBORO             |      | 34 48 N  | 86 03 W   | 615  |        |        |
| 119               | 017366  |         | XNP      | SELMA                  |      | 32 25 N  | 87 01 W   | 147  |        | +      |
| 120               | 017947  |         | P        | SULLIGENT              |      | 33 54 N  | 88 08 W   | 350  |        |        |
| 121               | 017999  |         | XNP      | SYLACAUGA 4 NE         |      | 33 12 N  | 86 13 W   | 490  |        |        |
| 122               | 018024  |         | XNP      | TALLADEGA              |      | 33 25 N  | 86 08 W   | 448  |        | +      |
| 123               | 018038  |         | P        | TALLAPOOSA WATER PLANT |      | 32 26 N  | 86 12 W   | 177  |        |        |
| 124               | 018178  |         | XNP      | THOMASVILLE            |      | 31 32 N  | 87 53 W   | 405  |        | +      |
| 125               | 018209  |         | XNP      | THORSBY EXP STATION    |      | 32 55 N  | 86 40 W   | 680  |        | +      |
| 126               | 018215  |         | P        | THURLOW DAM            |      | 32 32 N  | 85 54 W   | 288  |        |        |
| 127               | 018323  |         | XNP      | TROY                   |      | 31 48 N  | 85 58 W   | 542  |        | +      |
| 128               | 018380  | 93806   | XNP      | TUSCALOOSA ACFD        | TCL  | 33 13 N  | 87 37 W   | 169  |        | +      |
| 129               | 018385  |         | XNP      | TUSCALOOSA OLIVER DAM  |      | 33 13 N  | 87 36 W   | 152  |        | +      |
| 130               | 018438  |         | XNP      | UNION SPRINGS 9 S      |      | 32 01 N  | 85 45 W   | 440  |        | +      |
| 131               | 018446  |         | P        | UNIONTOWN              |      | 32 27 N  | 87 31 W   | 280  |        | +      |
| 132               | 018469  |         | XNP      | VALLEY HEAD            |      | 34 34 N  | 85 37 W   | 1062 |        | +      |
| 133               | 018517  |         | XNP      | VERNON 2 N             |      | 33 48 N  | 88 07 W   | 265  |        | +      |
| 134               | 018605  |         | P        | WADLEY                 |      | 33 07 N  | 85 34 W   | 675  |        |        |
| 135               | 018637  |         | P        | WALLACE 2 E            |      | 31 13 N  | 87 11 W   | 205  |        | +      |
| 136               | 018648  |         | P        | WALNUT GROVE           |      | 34 04 N  | 86 18 W   | 850  |        |        |
| 137               | 018673  |         | P        | WARRIOR LOCK AND DAM   |      | 32 46 N  | 87 50 W   | 110  |        | +      |
| 138               | 018755  |         | P        | WEISS DAM              |      | 34 08 N  | 85 48 W   | 590  |        |        |
| 139               | 018809  |         | P        | WEST BLOCTON           |      | 33 07 N  | 87 08 W   | 500  |        | +      |
| 140               | 018859  |         | P        | WETUMPKA               |      | 32 34 N  | 86 11 W   | 230  |        | +      |





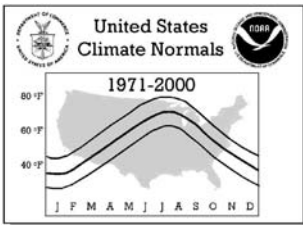
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No. | Station Name            | Element | TEMPERATURE NORMALS (Degrees Fahrenheit) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|-------------------------|---------|--|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                         |         | JAN                                      | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 004 | ALEXANDER CITY          | MAX     | 54.4                                     | 59.3 | 67.6 | 74.9 | 81.3 | 87.5 | 90.6 | 89.7 | 85.0 | 76.0 | 66.2 | 57.2 | 74.1   |
|     |                         | MEAN    | 43.0                                     | 46.6 | 54.3 | 61.1 | 68.9 | 76.0 | 79.5 | 78.6 | 73.4 | 62.8 | 53.7 | 45.7 | 62.0   |
|     |                         | MIN     | 31.6                                     | 33.8 | 40.9 | 47.3 | 56.5 | 64.5 | 68.4 | 67.4 | 61.8 | 49.5 | 41.1 | 34.1 | 49.7   |
| 005 | ALICEVILLE              | MAX     | 53.5                                     | 58.7 | 67.4 | 74.8 | 82.1 | 88.9 | 91.8 | 91.4 | 86.4 | 76.4 | 65.5 | 56.7 | 74.5   |
|     |                         | MEAN    | 42.7                                     | 46.8 | 55.0 | 61.6 | 70.0 | 77.4 | 80.9 | 79.8 | 74.3 | 63.0 | 53.3 | 45.4 | 62.5   |
|     |                         | MIN     | 31.9                                     | 34.9 | 42.5 | 48.3 | 57.8 | 65.9 | 70.0 | 68.1 | 62.2 | 49.6 | 41.0 | 34.1 | 50.5   |
| 007 | ANDALUSIA 3 W           | MAX     | 61.1                                     | 65.1 | 72.6 | 79.2 | 85.6 | 91.0 | 92.8 | 92.4 | 89.1 | 81.1 | 72.0 | 63.8 | 78.8   |
|     |                         | MEAN    | 48.4                                     | 51.5 | 58.4 | 64.5 | 72.1 | 78.6 | 81.2 | 80.7 | 76.8 | 66.3 | 57.7 | 50.8 | 65.6   |
|     |                         | MIN     | 35.7                                     | 37.8 | 44.1 | 49.7 | 58.5 | 66.2 | 69.5 | 68.9 | 64.5 | 51.4 | 43.3 | 37.7 | 52.3   |
| 008 | ANNISTON METRO AP       | MAX     | 53.3                                     | 58.7 | 66.8 | 74.0 | 80.5 | 87.0 | 90.1 | 89.8 | 84.4 | 75.0 | 64.8 | 56.5 | 73.4   |
|     |                         | MEAN    | 43.3                                     | 47.3 | 54.9 | 61.7 | 69.4 | 76.6 | 80.1 | 79.5 | 73.8 | 62.9 | 53.4 | 46.1 | 62.4   |
|     |                         | MIN     | 33.3                                     | 35.9 | 43.0 | 49.3 | 58.3 | 66.1 | 70.0 | 69.2 | 63.2 | 50.7 | 42.0 | 35.7 | 51.4   |
| 009 | ASHLAND 3 SE            | MAX     | 52.0                                     | 56.9 | 65.0 | 72.6 | 78.9 | 85.2 | 87.9 | 87.3 | 82.3 | 73.3 | 63.8 | 54.9 | 71.7   |
|     |                         | MEAN    | 42.7                                     | 46.6 | 53.9 | 60.9 | 68.3 | 75.0 | 78.4 | 77.7 | 72.8 | 62.5 | 54.0 | 45.8 | 61.6   |
|     |                         | MIN     | 33.4                                     | 36.2 | 42.8 | 49.2 | 57.6 | 64.7 | 68.8 | 68.1 | 63.2 | 51.7 | 44.1 | 36.6 | 51.4   |
| 010 | ATHENS 2                | MAX     | 48.3                                     | 53.6 | 62.1 | 71.2 | 78.5 | 86.0 | 89.5 | 89.4 | 83.7 | 73.0 | 61.7 | 51.9 | 70.7   |
|     |                         | MEAN    | 38.2                                     | 42.1 | 50.7 | 59.1 | 67.5 | 74.7 | 78.5 | 77.6 | 71.2 | 59.9 | 49.9 | 41.5 | 59.2   |
|     |                         | MIN     | 28.1                                     | 30.5 | 39.2 | 47.0 | 56.4 | 63.3 | 67.4 | 65.8 | 58.7 | 46.8 | 38.0 | 31.1 | 47.7   |
| 011 | ATMORE STATE NURSERY    | MAX     | 58.7                                     | 62.9 | 70.4 | 76.8 | 83.9 | 89.0 | 90.7 | 90.6 | 86.6 | 78.9 | 69.5 | 61.5 | 76.6   |
|     |                         | MEAN    | 47.6                                     | 50.9 | 58.1 | 64.4 | 72.2 | 78.1 | 80.5 | 80.4 | 76.4 | 66.7 | 57.7 | 50.3 | 65.3   |
|     |                         | MIN     | 36.5                                     | 38.8 | 45.7 | 51.9 | 60.4 | 67.2 | 70.3 | 70.1 | 66.1 | 54.5 | 45.8 | 39.0 | 53.9   |
| 012 | AUBURN AGRONOMY FARM    | MAX     | 55.1                                     | 59.6 | 67.1 | 74.1 | 81.3 | 87.7 | 89.7 | 89.2 | 84.5 | 75.4 | 66.3 | 57.8 | 74.0   |
|     |                         | MEAN    | 44.7                                     | 48.4 | 55.8 | 62.5 | 70.6 | 77.2 | 79.9 | 79.4 | 74.7 | 64.5 | 55.5 | 47.5 | 63.4   |
|     |                         | MIN     | 34.2                                     | 37.2 | 44.5 | 50.9 | 59.9 | 66.7 | 70.1 | 69.5 | 64.8 | 53.6 | 44.7 | 37.1 | 52.8   |
| 014 | BANKHEAD LOCK AND DAM   | MAX     | 53.3                                     | 58.4 | 66.8 | 74.6 | 81.7 | 88.7 | 91.6 | 91.4 | 86.1 | 76.2 | 65.9 | 56.6 | 74.3   |
|     |                         | MEAN    | 40.9                                     | 44.8 | 52.3 | 59.0 | 67.3 | 74.9 | 78.5 | 77.8 | 72.2 | 60.9 | 51.4 | 43.8 | 60.3   |
|     |                         | MIN     | 28.5                                     | 31.1 | 37.8 | 43.3 | 52.9 | 61.0 | 65.3 | 64.1 | 58.3 | 45.6 | 36.9 | 30.9 | 46.3   |
| 015 | BAY MINETTE             | MAX     | 58.6                                     | 62.7 | 69.7 | 76.3 | 82.7 | 87.7 | 89.1 | 88.8 | 85.1 | 77.3 | 68.1 | 60.8 | 75.6   |
|     |                         | MEAN    | 48.3                                     | 51.6 | 58.4 | 65.2 | 72.5 | 78.1 | 80.0 | 79.7 | 75.6 | 66.4 | 57.7 | 50.6 | 65.3   |
|     |                         | MIN     | 38.0                                     | 40.4 | 47.0 | 54.1 | 62.2 | 68.4 | 70.8 | 70.5 | 66.1 | 55.5 | 47.3 | 40.3 | 55.1   |
| 016 | BEATRICE                | MAX     | 59.3                                     | 63.8 | 72.1 | 78.0 | 84.1 | 89.7 | 91.8 | 91.3 | 87.2 | 78.9 | 70.6 | 62.3 | 77.4   |
|     |                         | MEAN    | 48.0                                     | 51.6 | 59.1 | 64.2 | 72.0 | 78.3 | 80.8 | 80.4 | 76.2 | 65.7 | 57.8 | 50.7 | 65.4   |
|     |                         | MIN     | 36.7                                     | 39.3 | 46.1 | 50.3 | 59.8 | 66.9 | 69.7 | 69.4 | 65.2 | 52.5 | 45.0 | 39.0 | 53.3   |
| 017 | BELLE MINA 2 N          | MAX     | 48.6                                     | 53.8 | 62.9 | 72.0 | 80.0 | 87.1 | 90.3 | 89.7 | 83.8 | 73.6 | 62.3 | 52.4 | 71.4   |
|     |                         | MEAN    | 38.9                                     | 42.8 | 51.2 | 59.5 | 68.2 | 75.7 | 79.2 | 77.9 | 71.7 | 60.4 | 50.6 | 42.1 | 59.9   |
|     |                         | MIN     | 29.1                                     | 31.7 | 39.4 | 47.0 | 56.4 | 64.2 | 68.0 | 66.0 | 59.6 | 47.1 | 38.8 | 31.8 | 48.3   |
| 018 | BESSEMER 3 WSW          | MAX     | 54.9                                     | 60.4 | 68.4 | 76.4 | 83.4 | 90.5 | 93.6 | 92.8 | 87.3 | 77.4 | 66.8 | 58.3 | 75.9   |
|     |                         | MEAN    | 42.9                                     | 47.4 | 54.7 | 62.0 | 70.2 | 77.3 | 81.0 | 80.0 | 74.4 | 63.2 | 53.4 | 45.8 | 62.7   |
|     |                         | MIN     | 30.8                                     | 34.3 | 40.9 | 47.5 | 56.9 | 64.1 | 68.3 | 67.2 | 61.4 | 49.0 | 40.0 | 33.3 | 49.5   |
| 020 | BIRMINGHAM INTL AP      | MAX     | 52.8                                     | 58.3 | 66.5 | 74.1 | 81.0 | 87.5 | 90.6 | 90.2 | 84.6 | 74.9 | 64.5 | 56.0 | 73.4   |
|     |                         | MEAN    | 42.6                                     | 46.8 | 54.5 | 61.3 | 69.3 | 76.4 | 80.2 | 79.6 | 73.8 | 62.9 | 53.1 | 45.6 | 62.2   |
|     |                         | MIN     | 32.3                                     | 35.4 | 42.4 | 48.4 | 57.6 | 65.4 | 69.7 | 68.9 | 63.0 | 50.9 | 41.8 | 35.2 | 50.9   |
| 023 | BREWTON 3 ENE           | MAX     | 60.3                                     | 64.3 | 71.7 | 78.2 | 85.2 | 90.6 | 92.1 | 91.5 | 87.7 | 79.4 | 70.6 | 62.6 | 77.9   |
|     |                         | MEAN    | 47.0                                     | 50.3 | 57.5 | 63.8 | 71.7 | 78.2 | 80.4 | 79.6 | 75.2 | 64.5 | 56.1 | 49.0 | 64.4   |
|     |                         | MIN     | 33.6                                     | 36.2 | 43.3 | 49.4 | 58.1 | 65.8 | 68.7 | 67.6 | 62.6 | 49.6 | 41.5 | 35.3 | 51.0   |
| 024 | BREWTON 3 SSE           | MAX     | 61.2                                     | 65.6 | 72.7 | 78.8 | 85.1 | 90.1 | 91.7 | 91.2 | 87.1 | 79.0 | 70.3 | 62.9 | 78.0   |
|     |                         | MEAN    | 47.7                                     | 51.0 | 57.6 | 63.5 | 70.9 | 77.3 | 80.1 | 79.7 | 75.1 | 64.5 | 56.0 | 49.5 | 64.4   |
|     |                         | MIN     | 34.1                                     | 36.3 | 42.5 | 48.1 | 56.7 | 64.5 | 68.5 | 68.1 | 63.1 | 49.9 | 41.7 | 36.1 | 50.8   |
| 025 | BRIDGEPORT 5 NW         | MAX     | 48.3                                     | 53.5 | 62.8 | 71.8 | 78.6 | 85.7 | 89.2 | 88.6 | 82.5 | 72.4 | 61.8 | 51.6 | 70.6   |
|     |                         | MEAN    | 38.1                                     | 41.9 | 50.3 | 58.1 | 66.1 | 73.9 | 77.7 | 76.9 | 70.6 | 59.0 | 49.7 | 41.2 | 58.6   |
|     |                         | MIN     | 27.9                                     | 30.3 | 37.8 | 44.3 | 53.5 | 62.1 | 66.2 | 65.1 | 58.6 | 45.5 | 37.5 | 30.7 | 46.6   |
| 030 | CAMDEN 3 NW             | MAX     | 56.4                                     | 61.5 | 70.2 | 76.9 | 83.6 | 89.5 | 91.9 | 91.3 | 87.2 | 77.6 | 67.4 | 59.1 | 76.1   |
|     |                         | MEAN    | 45.1                                     | 49.1 | 57.1 | 63.6 | 71.2 | 77.6 | 80.3 | 79.7 | 75.0 | 64.3 | 54.8 | 47.3 | 63.8   |
|     |                         | MIN     | 33.8                                     | 36.7 | 44.0 | 50.2 | 58.8 | 65.7 | 68.6 | 68.0 | 62.8 | 50.9 | 42.2 | 35.5 | 51.4   |
| 031 | CAMP HILL 2 NW          | MAX     | 54.0                                     | 58.9 | 67.2 | 74.4 | 81.7 | 87.8 | 90.7 | 89.7 | 85.1 | 75.5 | 65.8 | 57.3 | 74.0   |
|     |                         | MEAN    | 41.4                                     | 44.7 | 52.4 | 59.3 | 67.6 | 74.7 | 78.3 | 77.2 | 72.0 | 60.4 | 51.4 | 44.2 | 60.3   |
|     |                         | MIN     | 28.8                                     | 30.4 | 37.6 | 44.1 | 53.5 | 61.6 | 65.8 | 64.7 | 58.9 | 45.3 | 37.0 | 31.0 | 46.6   |
| 033 | CENTRE 4 SW             | MAX     | 50.9                                     | 56.1 | 64.8 | 73.2 | 80.8 | 87.8 | 91.3 | 90.5 | 84.9 | 75.7 | 64.5 | 54.4 | 72.9   |
|     |                         | MEAN    | 40.5                                     | 44.3 | 52.1 | 59.7 | 68.2 | 75.7 | 79.4 | 78.3 | 72.1 | 61.4 | 52.0 | 43.7 | 60.6   |
|     |                         | MIN     | 30.1                                     | 32.4 | 39.3 | 46.1 | 55.5 | 63.5 | 67.4 | 66.0 | 59.3 | 47.1 | 39.5 | 32.9 | 48.3   |
| 034 | CENTREVILLE 6 SW        | MAX     | 54.8                                     | 59.9 | 68.4 | 75.5 | 82.1 | 88.7 | 91.5 | 90.7 | 85.7 | 76.0 | 66.1 | 57.4 | 74.7   |
|     |                         | MEAN    | 43.6                                     | 47.5 | 55.4 | 62.3 | 70.2 | 77.3 | 80.3 | 79.6 | 74.2 | 63.3 | 54.1 | 46.1 | 62.8   |
|     |                         | MIN     | 32.4                                     | 35.1 | 42.3 | 49.0 | 58.3 | 65.8 | 69.1 | 68.4 | 62.6 | 50.6 | 42.1 | 34.8 | 50.9   |
| 035 | CHATOM                  | MAX     | 60.4                                     | 65.1 | 72.7 | 79.0 | 85.3 | 90.6 | 92.6 | 92.4 | 87.9 | 79.6 | 70.2 | 62.5 | 78.2   |
|     |                         | MEAN    | 48.5                                     | 52.2 | 59.0 | 65.0 | 72.5 | 78.4 | 80.8 | 80.4 | 75.8 | 65.8 | 57.2 | 50.2 | 65.5   |
|     |                         | MIN     | 36.5                                     | 39.3 | 45.3 | 50.9 | 59.7 | 66.1 | 69.0 | 68.4 | 63.7 | 51.9 | 44.1 | 37.9 | 52.7   |
| 036 | CHILDERSBURG WATER PLAN | MAX     | 57.3                                     | 62.5 | 71.1 | 77.9 | 83.9 | 89.9 | 92.5 | 92.0 | 87.2 | 78.4 | 68.5 | 60.2 | 76.8   |
|     |                         | MEAN    | 45.1                                     | 48.9 | 56.7 | 63.0 | 70.4 | 77.2 | 80.5 | 79.5 | 74.2 | 63.6 | 54.7 | 47.7 | 63.5   |
|     |                         | MIN     | 32.8                                     | 35.3 | 42.2 | 48.0 | 56.9 | 64.4 | 68.4 | 67.0 | 61.2 | 48.7 | 40.9 | 35.1 | 50.1   |



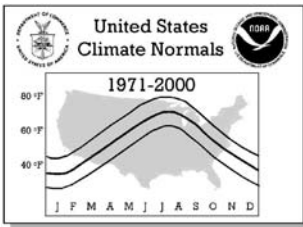


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No. | Station Name           | Element | TEMPERATURE NORMALS (Degrees Fahrenheit) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|------------------------|---------|--|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                        |         | JAN                                      | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 038 | CLANTON                | MAX     | 53.5                                     | 58.6 | 67.2 | 74.7 | 81.3 | 87.3 | 89.8 | 89.1 | 84.3 | 74.9 | 65.2 | 56.1 | 73.5   |
|     |                        | MEAN    | 42.8                                     | 46.6 | 54.5 | 61.3 | 69.2 | 76.0 | 79.2 | 78.3 | 73.0 | 62.0 | 53.0 | 45.2 | 61.8   |
|     |                        | MIN     | 32.0                                     | 34.6 | 41.8 | 47.9 | 57.1 | 64.7 | 68.6 | 67.4 | 61.6 | 49.1 | 40.7 | 34.3 | 50.0   |
| 039 | CLAYTON                | MAX     | 56.9                                     | 61.5 | 69.3 | 76.0 | 82.4 | 88.1 | 90.4 | 89.7 | 85.9 | 77.4 | 68.7 | 60.2 | 75.5   |
|     |                        | MEAN    | 46.1                                     | 49.5 | 56.8 | 63.1 | 70.6 | 76.9 | 79.7 | 79.0 | 74.7 | 65.1 | 56.5 | 49.0 | 63.9   |
|     |                        | MIN     | 35.3                                     | 37.4 | 44.3 | 50.1 | 58.7 | 65.7 | 68.9 | 68.3 | 63.4 | 52.7 | 44.2 | 37.8 | 52.2   |
| 040 | CODEN                  | MAX     | 60.8                                     | 64.0 | 69.6 | 75.7 | 82.1 | 87.6 | 89.7 | 89.3 | 86.1 | 78.5 | 70.0 | 63.0 | 76.4   |
|     |                        | MEAN    | 49.6                                     | 52.4 | 58.0 | 64.5 | 72.0 | 78.1 | 80.8 | 80.5 | 76.6 | 67.3 | 58.4 | 52.0 | 65.9   |
|     |                        | MIN     | 38.3                                     | 40.8 | 46.4 | 53.2 | 61.9 | 68.5 | 71.8 | 71.6 | 67.1 | 56.0 | 46.8 | 40.9 | 55.3   |
| 045 | DAUPHIN ISLAND #2      | MAX     | 58.1                                     | 60.8 | 67.1 | 73.5 | 80.8 | 86.5 | 88.8 | 88.7 | 85.3 | 77.2 | 68.6 | 61.0 | 74.7   |
|     |                        | MEAN    | 51.3                                     | 54.0 | 60.9 | 67.6 | 75.3 | 80.8 | 82.9 | 83.0 | 79.8 | 71.0 | 62.1 | 54.3 | 68.6   |
|     |                        | MIN     | 44.5                                     | 47.1 | 54.6 | 61.7 | 69.7 | 75.0 | 76.9 | 77.2 | 74.2 | 64.7 | 55.5 | 47.6 | 62.4   |
| 046 | DEMOPOLIS LOCK AND DAM | MAX     | 55.4                                     | 60.1 | 68.5 | 75.6 | 82.7 | 88.9 | 91.5 | 91.1 | 86.2 | 77.0 | 67.0 | 58.4 | 75.2   |
|     |                        | MEAN    | 44.3                                     | 48.2 | 55.8 | 62.6 | 70.6 | 77.2 | 80.4 | 79.8 | 74.6 | 63.6 | 54.2 | 46.8 | 63.2   |
|     |                        | MIN     | 33.2                                     | 36.2 | 43.0 | 49.5 | 58.4 | 65.5 | 69.2 | 68.4 | 63.0 | 50.1 | 41.3 | 35.2 | 51.1   |
| 049 | ENTERPRISE 5 NNW       | MAX     | 58.3                                     | 62.6 | 69.7 | 76.1 | 83.0 | 88.3 | 90.1 | 89.3 | 85.9 | 77.7 | 68.9 | 60.6 | 75.9   |
|     |                        | MEAN    | 48.6                                     | 52.1 | 58.8 | 64.9 | 72.6 | 78.5 | 80.7 | 80.0 | 76.4 | 66.9 | 58.5 | 51.0 | 65.8   |
|     |                        | MIN     | 38.9                                     | 41.6 | 47.9 | 53.7 | 62.1 | 68.6 | 71.2 | 70.7 | 66.8 | 56.1 | 48.0 | 41.3 | 55.6   |
| 050 | EUFAULA WILDLIFE REF   | MAX     | 57.1                                     | 61.8 | 69.5 | 76.1 | 82.8 | 88.9 | 91.0 | 90.0 | 85.8 | 76.7 | 68.0 | 59.6 | 75.6   |
|     |                        | MEAN    | 46.0                                     | 49.7 | 57.0 | 62.8 | 70.6 | 77.4 | 80.3 | 79.4 | 74.7 | 63.8 | 55.5 | 48.4 | 63.8   |
|     |                        | MIN     | 34.8                                     | 37.5 | 44.5 | 49.4 | 58.4 | 65.9 | 69.5 | 68.7 | 63.6 | 50.8 | 43.0 | 37.1 | 51.9   |
| 051 | EVERGREEN              | MAX     | 58.5                                     | 63.0 | 70.7 | 76.7 | 83.2 | 88.8 | 90.7 | 90.3 | 86.4 | 78.1 | 68.4 | 60.7 | 76.3   |
|     |                        | MEAN    | 47.7                                     | 51.0 | 58.1 | 63.9 | 71.6 | 78.1 | 80.7 | 80.3 | 76.2 | 66.1 | 56.7 | 49.9 | 65.0   |
|     |                        | MIN     | 36.8                                     | 38.9 | 45.5 | 51.1 | 59.9 | 67.3 | 70.6 | 70.3 | 66.0 | 54.0 | 45.0 | 39.1 | 53.7   |
| 052 | FAIRHOPE 2 NE          | MAX     | 60.4                                     | 63.8 | 70.2 | 76.5 | 83.3 | 88.4 | 90.2 | 90.1 | 86.8 | 79.1 | 70.2 | 62.7 | 76.8   |
|     |                        | MEAN    | 50.2                                     | 53.1 | 59.8 | 65.9 | 73.3 | 79.2 | 81.5 | 81.1 | 77.3 | 67.9 | 59.5 | 52.5 | 66.8   |
|     |                        | MIN     | 39.9                                     | 42.4 | 49.3 | 55.3 | 63.2 | 70.0 | 72.7 | 72.1 | 67.8 | 56.7 | 48.7 | 42.2 | 56.7   |
| 053 | FALKVILLE 1 E          | MAX     | 49.9                                     | 54.6 | 63.6 | 71.7 | 79.0 | 86.5 | 90.1 | 89.7 | 83.7 | 73.7 | 63.0 | 53.3 | 71.6   |
|     |                        | MEAN    | 39.6                                     | 43.1 | 51.5 | 58.9 | 67.0 | 75.0 | 78.8 | 77.9 | 71.7 | 60.4 | 51.1 | 42.7 | 59.8   |
|     |                        | MIN     | 29.3                                     | 31.6 | 39.3 | 46.0 | 55.0 | 63.4 | 67.5 | 66.1 | 59.7 | 47.1 | 39.1 | 32.1 | 48.0   |
| 054 | FAYETTE                | MAX     | 52.5                                     | 57.7 | 66.7 | 75.1 | 81.8 | 88.7 | 92.1 | 91.5 | 86.0 | 76.2 | 65.3 | 55.8 | 74.1   |
|     |                        | MEAN    | 41.5                                     | 45.5 | 53.5 | 60.9 | 68.6 | 76.3 | 80.4 | 79.4 | 73.4 | 61.7 | 52.3 | 44.4 | 61.5   |
|     |                        | MIN     | 30.5                                     | 33.2 | 40.3 | 46.6 | 55.3 | 63.9 | 68.6 | 67.2 | 60.7 | 47.2 | 39.2 | 33.0 | 48.8   |
| 056 | FRISCO CITY 3 SSW      | MAX     | 57.8                                     | 61.9 | 69.6 | 75.9 | 83.3 | 88.3 | 90.7 | 90.2 | 86.6 | 77.8 | 68.9 | 60.7 | 76.0   |
|     |                        | MEAN    | 47.1                                     | 50.4 | 57.8 | 64.2 | 72.1 | 77.9 | 80.3 | 79.6 | 75.7 | 65.6 | 57.0 | 49.7 | 64.8   |
|     |                        | MIN     | 36.4                                     | 38.9 | 46.0 | 52.4 | 60.9 | 67.4 | 69.9 | 69.0 | 64.7 | 53.4 | 45.0 | 38.7 | 53.6   |
| 057 | GADSDEN                | MAX     | 50.6                                     | 55.9 | 64.9 | 73.3 | 80.6 | 87.1 | 90.5 | 89.6 | 83.9 | 74.2 | 63.5 | 54.3 | 72.4   |
|     |                        | MEAN    | 40.3                                     | 44.1 | 52.2 | 60.3 | 68.4 | 75.8 | 79.8 | 78.9 | 73.1 | 61.8 | 51.8 | 43.5 | 60.8   |
|     |                        | MIN     | 29.9                                     | 32.3 | 39.5 | 47.2 | 56.2 | 64.4 | 69.0 | 68.1 | 62.2 | 49.3 | 40.1 | 32.6 | 49.2   |
| 058 | GAINESVILLE LOCK       | MAX     | 54.0                                     | 59.2 | 67.4 | 74.7 | 81.9 | 88.4 | 91.4 | 90.9 | 86.0 | 76.3 | 65.9 | 57.1 | 74.4   |
|     |                        | MEAN    | 43.2                                     | 47.2 | 54.8 | 61.6 | 70.0 | 77.2 | 80.8 | 80.3 | 74.9 | 63.5 | 53.6 | 46.1 | 62.8   |
|     |                        | MIN     | 32.4                                     | 35.1 | 42.1 | 48.5 | 58.1 | 66.0 | 70.2 | 69.7 | 63.7 | 50.6 | 41.3 | 35.0 | 51.1   |
| 059 | GENEVA NO 2            | MAX     | 58.8                                     | 63.2 | 70.1 | 76.2 | 82.8 | 88.1 | 89.7 | 89.0 | 85.6 | 77.8 | 69.2 | 61.3 | 76.0   |
|     |                        | MEAN    | 47.6                                     | 51.0 | 58.0 | 63.8 | 71.4 | 77.6 | 79.8 | 79.3 | 75.3 | 65.2 | 56.9 | 49.8 | 64.6   |
|     |                        | MIN     | 36.3                                     | 38.8 | 45.8 | 51.4 | 59.9 | 67.0 | 69.9 | 69.5 | 64.9 | 52.6 | 44.6 | 38.2 | 53.2   |
| 062 | GREENSBORO             | MAX     | 56.1                                     | 61.4 | 69.9 | 77.1 | 83.9 | 90.4 | 92.9 | 92.4 | 87.4 | 77.9 | 67.6 | 59.2 | 76.4   |
|     |                        | MEAN    | 45.7                                     | 50.0 | 57.2 | 63.9 | 71.9 | 78.9 | 81.9 | 81.3 | 76.1 | 65.3 | 55.7 | 48.5 | 64.7   |
|     |                        | MIN     | 35.3                                     | 38.5 | 44.4 | 50.6 | 59.8 | 67.4 | 70.8 | 70.1 | 64.8 | 52.7 | 43.8 | 37.8 | 53.0   |
| 063 | GREENVILLE             | MAX     | 58.9                                     | 63.7 | 71.9 | 78.2 | 84.8 | 90.1 | 92.3 | 91.6 | 87.1 | 78.5 | 69.1 | 61.4 | 77.3   |
|     |                        | MEAN    | 48.2                                     | 51.7 | 59.2 | 64.9 | 72.4 | 78.5 | 81.2 | 80.5 | 76.2 | 66.4 | 57.5 | 50.5 | 65.6   |
|     |                        | MIN     | 37.5                                     | 39.7 | 46.4 | 51.5 | 60.0 | 66.9 | 70.0 | 69.3 | 65.2 | 54.2 | 45.8 | 39.5 | 53.8   |
| 064 | GUNTERSVILLE           | MAX     | 50.0                                     | 54.9 | 64.0 | 72.0 | 79.6 | 86.6 | 90.0 | 89.3 | 83.3 | 72.9 | 62.4 | 52.6 | 71.5   |
|     |                        | MEAN    | 40.0                                     | 43.5 | 51.8 | 59.2 | 67.7 | 75.4 | 79.1 | 78.2 | 72.2 | 61.1 | 51.3 | 42.7 | 60.2   |
|     |                        | MIN     | 29.9                                     | 32.0 | 39.6 | 46.3 | 55.8 | 64.2 | 68.2 | 67.0 | 61.1 | 49.3 | 40.2 | 32.7 | 48.9   |
| 065 | HALEYVILLE             | MAX     | 48.6                                     | 53.9 | 62.7 | 71.3 | 78.3 | 85.1 | 88.5 | 88.3 | 82.7 | 72.5 | 61.5 | 52.1 | 70.5   |
|     |                        | MEAN    | 38.7                                     | 43.0 | 51.5 | 59.5 | 67.4 | 74.5 | 78.1 | 77.5 | 71.7 | 60.6 | 50.8 | 42.1 | 59.6   |
|     |                        | MIN     | 28.8                                     | 32.0 | 40.2 | 47.6 | 56.4 | 63.8 | 67.7 | 66.6 | 60.6 | 48.7 | 40.1 | 32.0 | 48.7   |
| 066 | HAMILTON 3 S           | MAX     | 51.8                                     | 57.5 | 66.8 | 75.3 | 82.2 | 88.7 | 92.0 | 91.9 | 86.5 | 76.3 | 64.9 | 55.1 | 74.1   |
|     |                        | MEAN    | 39.0                                     | 43.0 | 51.3 | 58.8 | 67.4 | 74.9 | 79.1 | 78.2 | 72.2 | 60.2 | 50.2 | 42.0 | 59.7   |
|     |                        | MIN     | 26.1                                     | 28.5 | 35.7 | 42.2 | 52.5 | 61.1 | 66.1 | 64.4 | 57.8 | 44.1 | 35.4 | 28.9 | 45.2   |
| 068 | HEADLAND               | MAX     | 59.1                                     | 63.7 | 71.4 | 78.6 | 86.1 | 91.5 | 93.3 | 92.5 | 88.2 | 79.4 | 69.9 | 61.9 | 78.0   |
|     |                        | MEAN    | 47.7                                     | 51.5 | 58.7 | 65.3 | 73.3 | 79.3 | 81.3 | 80.3 | 76.0 | 65.8 | 57.4 | 50.2 | 65.6   |
|     |                        | MIN     | 36.2                                     | 39.2 | 46.0 | 52.0 | 60.4 | 67.1 | 69.2 | 68.0 | 63.7 | 52.1 | 44.9 | 38.4 | 53.1   |
| 069 | HEFLIN                 | MAX     | 51.3                                     | 56.3 | 65.2 | 73.2 | 79.8 | 86.4 | 89.8 | 89.0 | 83.6 | 74.2 | 64.0 | 54.6 | 72.3   |
|     |                        | MEAN    | 40.9                                     | 44.5 | 52.4 | 59.5 | 67.4 | 75.0 | 78.9 | 77.8 | 72.1 | 60.8 | 51.7 | 43.8 | 60.4   |
|     |                        | MIN     | 30.4                                     | 32.6 | 39.6 | 45.8 | 54.9 | 63.5 | 67.9 | 66.6 | 60.6 | 47.3 | 39.3 | 32.9 | 48.5   |
| 070 | HIGHLAND HOME          | MAX     | 56.6                                     | 61.1 | 68.8 | 75.4 | 82.3 | 87.8 | 90.0 | 89.5 | 85.7 | 77.3 | 67.8 | 59.5 | 75.2   |
|     |                        | MEAN    | 45.8                                     | 49.4 | 56.6 | 62.9 | 70.7 | 76.9 | 79.6 | 79.0 | 74.7 | 64.9 | 56.0 | 48.5 | 63.8   |
|     |                        | MIN     | 34.9                                     | 37.6 | 44.4 | 50.4 | 59.0 | 66.0 | 69.1 | 68.4 | 63.7 | 52.5 | 44.1 | 37.4 | 52.3   |

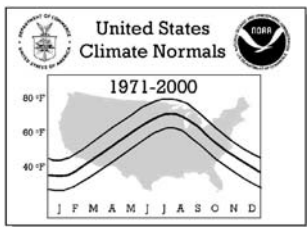


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No. | Station Name           | Element | TEMPERATURE NORMALS (Degrees Fahrenheit) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|------------------------|---------|--|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                        |         | JAN                                      | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 074 | HUNTSVILLE INTL AP     | MAX     | 48.9                                     | 54.6 | 63.4 | 72.3 | 79.6 | 86.5 | 89.4 | 89.0 | 83.0 | 72.9 | 61.6 | 52.4 | 71.1   |
|     |                        | MEAN    | 39.8                                     | 44.3 | 52.3 | 60.4 | 68.6 | 76.0 | 79.5 | 78.6 | 72.4 | 61.3 | 51.2 | 43.1 | 60.6   |
|     |                        | MIN     | 30.7                                     | 34.0 | 41.2 | 48.4 | 57.5 | 65.4 | 69.5 | 68.1 | 61.7 | 49.6 | 40.7 | 33.8 | 50.1   |
| 076 | JACKSON                | MAX     | 59.4                                     | 63.7 | 71.1 | 77.7 | 84.6 | 90.4 | 92.3 | 92.1 | 87.8 | 79.1 | 69.8 | 61.9 | 77.5   |
|     |                        | MEAN    | 47.9                                     | 51.1 | 58.0 | 64.4 | 72.0 | 78.5 | 81.3 | 80.7 | 76.3 | 65.8 | 56.9 | 50.3 | 65.3   |
|     |                        | MIN     | 36.3                                     | 38.4 | 44.8 | 51.0 | 59.4 | 66.5 | 70.2 | 69.3 | 64.7 | 52.4 | 43.9 | 38.7 | 53.0   |
| 078 | JASPER                 | MAX     | 51.4                                     | 56.3 | 65.7 | 73.5 | 79.8 | 86.8 | 90.2 | 90.0 | 84.4 | 74.4 | 63.9 | 54.6 | 72.6   |
|     |                        | MEAN    | 40.8                                     | 44.6 | 53.1 | 60.1 | 68.2 | 75.9 | 79.8 | 79.0 | 73.0 | 61.3 | 51.8 | 43.7 | 60.9   |
|     |                        | MIN     | 30.1                                     | 32.8 | 40.4 | 46.7 | 56.6 | 64.9 | 69.3 | 67.9 | 61.6 | 48.2 | 39.7 | 32.7 | 49.2   |
| 082 | LAFAYETTE 2 W          | MAX     | 54.6                                     | 59.8 | 67.8 | 75.1 | 81.8 | 88.0 | 90.7 | 89.9 | 85.4 | 75.9 | 66.2 | 57.3 | 74.4   |
|     |                        | MEAN    | 42.5                                     | 46.3 | 53.8 | 60.9 | 68.6 | 75.6 | 78.9 | 78.2 | 73.0 | 62.1 | 53.0 | 44.9 | 61.5   |
|     |                        | MIN     | 30.4                                     | 32.7 | 39.7 | 46.6 | 55.4 | 63.1 | 67.1 | 66.4 | 60.6 | 48.3 | 39.8 | 32.5 | 48.6   |
| 085 | LIVINGSTON             | MAX     | 55.5                                     | 60.7 | 68.6 | 75.3 | 82.7 | 89.1 | 91.8 | 91.1 | 86.5 | 76.9 | 67.6 | 58.7 | 75.4   |
|     |                        | MEAN    | 43.9                                     | 47.8 | 55.1 | 61.6 | 70.0 | 77.1 | 80.3 | 79.4 | 74.1 | 62.8 | 53.6 | 46.6 | 62.7   |
|     |                        | MIN     | 32.3                                     | 34.8 | 41.5 | 47.8 | 57.3 | 65.1 | 68.8 | 67.7 | 61.7 | 48.7 | 39.6 | 34.5 | 50.0   |
| 088 | MARION JUNCTION 2 NE   | MAX     | 55.2                                     | 59.9 | 68.1 | 75.2 | 82.5 | 88.9 | 91.8 | 91.2 | 86.9 | 77.2 | 67.3 | 58.3 | 75.2   |
|     |                        | MEAN    | 44.2                                     | 48.0 | 55.7 | 62.3 | 70.6 | 77.8 | 81.1 | 80.4 | 75.2 | 64.0 | 54.5 | 46.8 | 63.4   |
|     |                        | MIN     | 33.2                                     | 36.1 | 43.3 | 49.3 | 58.7 | 66.7 | 70.4 | 69.5 | 63.4 | 50.7 | 41.6 | 35.2 | 51.5   |
| 089 | MARTIN DAM             | MAX     | 54.8                                     | 59.4 | 67.8 | 75.0 | 81.7 | 88.0 | 90.5 | 89.7 | 85.1 | 75.7 | 66.5 | 57.9 | 74.3   |
|     |                        | MEAN    | 44.1                                     | 47.3 | 54.7 | 61.2 | 68.9 | 76.0 | 79.3 | 78.6 | 74.1 | 63.6 | 54.7 | 47.1 | 62.5   |
|     |                        | MIN     | 33.3                                     | 35.2 | 41.5 | 47.3 | 56.1 | 63.9 | 68.0 | 67.5 | 63.0 | 51.5 | 42.8 | 36.2 | 50.5   |
| 092 | MILSTEAD               | MAX     | 56.0                                     | 60.7 | 68.7 | 75.5 | 82.5 | 88.7 | 91.6 | 91.0 | 86.5 | 77.3 | 67.8 | 58.9 | 75.4   |
|     |                        | MEAN    | 44.9                                     | 48.5 | 55.8 | 62.2 | 70.3 | 77.2 | 80.6 | 79.8 | 74.8 | 64.0 | 55.2 | 47.7 | 63.4   |
|     |                        | MIN     | 33.8                                     | 36.2 | 42.8 | 48.9 | 58.0 | 65.7 | 69.5 | 68.6 | 63.1 | 50.6 | 42.5 | 36.5 | 51.4   |
| 094 | MOBILE RGNL AP         | MAX     | 60.7                                     | 64.5 | 71.2 | 77.4 | 84.2 | 89.4 | 91.2 | 90.8 | 86.8 | 79.2 | 70.1 | 62.9 | 77.4   |
|     |                        | MEAN    | 50.1                                     | 53.5 | 60.2 | 66.1 | 73.5 | 79.3 | 81.5 | 81.3 | 77.2 | 67.7 | 58.9 | 52.3 | 66.8   |
|     |                        | MIN     | 39.5                                     | 42.4 | 49.2 | 54.8 | 62.8 | 69.2 | 71.8 | 71.7 | 67.6 | 56.3 | 47.8 | 41.6 | 56.2   |
| 096 | MONTGOMERY DANNELLY AP | MAX     | 57.6                                     | 62.4 | 70.5 | 77.5 | 84.6 | 90.6 | 92.7 | 92.2 | 87.7 | 78.7 | 68.7 | 60.3 | 77.0   |
|     |                        | MEAN    | 46.6                                     | 50.5 | 57.9 | 64.3 | 72.3 | 78.9 | 81.8 | 81.2 | 76.3 | 65.4 | 56.1 | 49.0 | 65.0   |
|     |                        | MIN     | 35.5                                     | 38.6 | 45.4 | 51.2 | 60.1 | 67.3 | 70.9 | 70.1 | 64.9 | 52.2 | 43.5 | 37.6 | 53.1   |
| 097 | MOULTON 2              | MAX     | 50.5                                     | 56.1 | 65.2 | 73.9 | 80.6 | 86.8 | 89.7 | 89.4 | 83.6 | 73.5 | 62.3 | 53.7 | 72.1   |
|     |                        | MEAN    | 40.7                                     | 45.0 | 53.3 | 61.1 | 69.0 | 75.9 | 79.2 | 78.1 | 72.0 | 60.8 | 51.1 | 43.7 | 60.8   |
|     |                        | MIN     | 30.8                                     | 33.9 | 41.4 | 48.3 | 57.3 | 64.9 | 68.6 | 66.8 | 60.4 | 48.1 | 39.8 | 33.6 | 49.5   |
| 099 | MUSCLE SHOALS AP       | MAX     | 49.1                                     | 54.8 | 63.8 | 72.4 | 79.8 | 87.3 | 90.6 | 90.0 | 83.9 | 73.6 | 62.2 | 52.7 | 71.7   |
|     |                        | MEAN    | 39.9                                     | 44.6 | 52.8 | 60.6 | 68.8 | 76.5 | 80.2 | 79.1 | 72.9 | 61.5 | 51.5 | 43.3 | 61.0   |
|     |                        | MIN     | 30.7                                     | 34.3 | 41.8 | 48.7 | 57.7 | 65.6 | 69.8 | 68.1 | 61.9 | 49.4 | 40.8 | 33.8 | 50.2   |
| 101 | ONEONTA                | MAX     | 50.2                                     | 54.8 | 63.2 | 71.0 | 78.2 | 84.9 | 88.7 | 88.2 | 82.9 | 73.1 | 62.8 | 53.6 | 71.0   |
|     |                        | MEAN    | 40.5                                     | 44.1 | 52.3 | 59.1 | 67.2 | 74.6 | 78.6 | 77.6 | 71.8 | 60.6 | 51.6 | 43.4 | 60.1   |
|     |                        | MIN     | 30.8                                     | 33.4 | 41.3 | 47.2 | 56.1 | 64.3 | 68.4 | 66.9 | 60.6 | 48.1 | 40.3 | 33.2 | 49.2   |
| 102 | OPELIKA                | MAX     | 55.2                                     | 59.8 | 67.8 | 74.8 | 81.5 | 87.6 | 90.2 | 89.4 | 84.7 | 75.7 | 66.9 | 58.0 | 74.3   |
|     |                        | MEAN    | 44.2                                     | 47.7 | 54.9 | 61.1 | 68.9 | 75.9 | 79.1 | 78.3 | 73.3 | 62.8 | 54.3 | 46.7 | 62.3   |
|     |                        | MIN     | 33.2                                     | 35.5 | 42.0 | 47.4 | 56.2 | 64.2 | 68.0 | 67.2 | 61.9 | 49.9 | 41.7 | 35.3 | 50.2   |
| 103 | OZARK 6 NNW            | MAX     | 60.1                                     | 64.4 | 71.7 | 77.8 | 84.0 | 89.7 | 91.1 | 90.8 | 87.0 | 79.0 | 70.0 | 62.2 | 77.3   |
|     |                        | MEAN    | 49.5                                     | 53.3 | 59.8 | 65.7 | 72.8 | 78.7 | 80.5 | 80.2 | 76.3 | 67.3 | 59.1 | 52.0 | 66.3   |
|     |                        | MIN     | 38.9                                     | 42.1 | 47.9 | 53.6 | 61.6 | 67.7 | 69.9 | 69.5 | 65.5 | 55.5 | 48.2 | 41.7 | 55.2   |
| 108 | PINSON                 | MAX     | 52.5                                     | 58.2 | 67.3 | 75.2 | 82.0 | 88.6 | 91.8 | 91.1 | 85.4 | 74.9 | 64.4 | 55.7 | 73.9   |
|     |                        | MEAN    | 41.1                                     | 45.1 | 53.1 | 60.2 | 68.4 | 75.7 | 79.5 | 78.7 | 72.8 | 61.1 | 51.4 | 43.9 | 60.9   |
|     |                        | MIN     | 29.6                                     | 32.0 | 38.8 | 45.2 | 54.8 | 62.7 | 67.2 | 66.2 | 60.2 | 47.2 | 38.4 | 32.0 | 47.9   |
| 111 | ROBERTSDALE 5 NE       | MAX     | 61.0                                     | 64.6 | 71.0 | 76.8 | 83.7 | 88.7 | 90.5 | 90.2 | 86.8 | 79.5 | 70.8 | 63.4 | 77.3   |
|     |                        | MEAN    | 49.9                                     | 52.9 | 59.3 | 65.0 | 72.5 | 78.6 | 80.9 | 80.5 | 76.7 | 67.2 | 58.9 | 52.2 | 66.2   |
|     |                        | MIN     | 38.8                                     | 41.2 | 47.5 | 53.2 | 61.3 | 68.4 | 71.3 | 70.8 | 66.5 | 54.8 | 46.9 | 40.9 | 55.1   |
| 112 | ROCKFORD 3 ESE         | MAX     | 54.9                                     | 60.0 | 68.5 | 75.3 | 81.3 | 87.5 | 89.6 | 89.1 | 84.5 | 75.7 | 65.6 | 57.4 | 74.1   |
|     |                        | MEAN    | 44.2                                     | 48.0 | 55.4 | 61.3 | 68.5 | 75.2 | 78.4 | 78.1 | 73.3 | 63.1 | 54.1 | 46.7 | 62.2   |
|     |                        | MIN     | 33.5                                     | 36.0 | 42.3 | 47.3 | 55.7 | 62.9 | 67.2 | 67.1 | 62.1 | 50.5 | 42.5 | 36.0 | 50.3   |
| 113 | ROCK MILLS             | MAX     | 54.8                                     | 59.3 | 67.8 | 76.7 | 83.5 | 90.3 | 92.5 | 91.3 | 85.9 | 76.8 | 66.8 | 57.7 | 75.3   |
|     |                        | MEAN    | 42.4                                     | 45.7 | 53.3 | 60.8 | 68.7 | 76.2 | 79.5 | 78.3 | 72.6 | 61.2 | 52.2 | 44.6 | 61.3   |
|     |                        | MIN     | 29.9                                     | 32.1 | 38.7 | 44.9 | 53.8 | 62.0 | 66.5 | 65.2 | 59.3 | 45.5 | 37.5 | 31.5 | 47.2   |
| 114 | RUSSELLVILLE NO 2      | MAX     | 50.0                                     | 54.7 | 63.5 | 71.7 | 78.9 | 86.0 | 89.8 | 89.5 | 84.0 | 73.8 | 62.8 | 53.4 | 71.5   |
|     |                        | MEAN    | 38.9                                     | 42.5 | 50.6 | 58.0 | 66.1 | 73.7 | 78.0 | 77.0 | 71.2 | 59.6 | 50.1 | 42.0 | 59.0   |
|     |                        | MIN     | 27.7                                     | 30.3 | 37.7 | 44.2 | 53.3 | 61.4 | 66.2 | 64.4 | 58.4 | 45.4 | 37.4 | 30.6 | 46.4   |
| 115 | SAINT BERNARD          | MAX     | 52.3                                     | 57.7 | 66.6 | 74.7 | 81.3 | 87.6 | 91.4 | 91.2 | 85.9 | 75.7 | 64.5 | 55.5 | 73.7   |
|     |                        | MEAN    | 40.4                                     | 44.8 | 52.8 | 59.9 | 67.6 | 74.5 | 78.5 | 77.5 | 71.8 | 60.7 | 50.9 | 43.2 | 60.2   |
|     |                        | MIN     | 28.5                                     | 31.8 | 39.0 | 45.1 | 53.9 | 61.4 | 65.5 | 63.8 | 57.6 | 45.6 | 37.3 | 30.9 | 46.7   |
| 116 | SAND MT SUBSTATION     | MAX     | 48.3                                     | 53.2 | 61.8 | 70.1 | 77.5 | 84.6 | 88.3 | 87.9 | 82.3 | 72.2 | 61.4 | 51.7 | 69.9   |
|     |                        | MEAN    | 38.5                                     | 42.3 | 50.5 | 58.2 | 66.4 | 73.8 | 77.4 | 76.5 | 70.7 | 59.6 | 50.2 | 41.6 | 58.8   |
|     |                        | MIN     | 28.6                                     | 31.3 | 39.2 | 46.2 | 55.3 | 63.0 | 66.5 | 65.1 | 59.0 | 46.9 | 39.0 | 31.4 | 47.6   |
| 118 | SCOTTSBORO             | MAX     | 49.8                                     | 54.9 | 63.8 | 72.3 | 80.0 | 86.9 | 90.3 | 89.9 | 84.3 | 74.3 | 63.2 | 53.6 | 71.9   |
|     |                        | MEAN    | 39.1                                     | 43.0 | 51.1 | 58.7 | 67.3 | 74.9 | 78.6 | 77.7 | 71.5 | 60.0 | 50.2 | 42.1 | 59.5   |
|     |                        | MIN     | 28.3                                     | 31.0 | 38.3 | 45.1 | 54.5 | 62.9 | 66.8 | 65.4 | 58.6 | 45.6 | 37.1 | 30.5 | 47.0   |

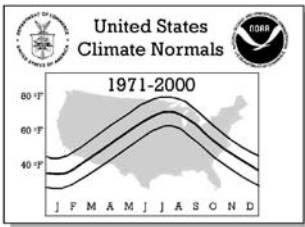


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

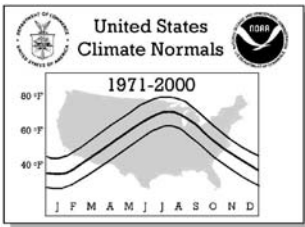
| No. | Station Name          | Element | TEMPERATURE NORMALS (Degrees Fahrenheit) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|-----------------------|---------|--|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                       |         | JAN                                      | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 119 | SELMA                 | MAX     | 57.0                                     | 61.3 | 69.3 | 76.0 | 83.4 | 89.4 | 91.9 | 91.5 | 87.0 | 78.1 | 68.3 | 60.0 | 76.1   |
|     |                       | MEAN    | 47.0                                     | 50.5 | 57.5 | 63.5 | 71.8 | 78.6 | 81.5 | 81.0 | 76.2 | 65.8 | 56.2 | 49.2 | 64.9   |
|     |                       | MIN     | 36.9                                     | 39.6 | 45.7 | 50.9 | 60.1 | 67.7 | 71.1 | 70.4 | 65.3 | 53.4 | 44.0 | 38.4 | 53.6   |
| 121 | SYLACAUGA 4 NE        | MAX     | 54.3                                     | 59.1 | 67.4 | 75.0 | 81.9 | 88.2 | 91.2 | 90.7 | 85.7 | 76.1 | 66.4 | 57.2 | 74.4   |
|     |                       | MEAN    | 42.1                                     | 45.7 | 53.5 | 60.3 | 68.3 | 75.2 | 78.5 | 77.6 | 72.3 | 61.0 | 52.2 | 44.6 | 60.9   |
|     |                       | MIN     | 29.9                                     | 32.3 | 39.6 | 45.6 | 54.6 | 62.2 | 65.8 | 64.5 | 58.9 | 45.8 | 38.0 | 31.9 | 47.4   |
| 122 | TALLADEGA             | MAX     | 53.8                                     | 58.9 | 67.4 | 74.8 | 81.3 | 87.8 | 90.7 | 90.2 | 85.1 | 75.8 | 65.9 | 56.9 | 74.1   |
|     |                       | MEAN    | 41.0                                     | 44.9 | 52.7 | 59.8 | 67.4 | 74.4 | 78.2 | 77.3 | 71.8 | 60.3 | 51.4 | 43.6 | 60.2   |
|     |                       | MIN     | 28.1                                     | 30.8 | 38.0 | 44.8 | 53.5 | 60.9 | 65.6 | 64.4 | 58.4 | 44.7 | 36.8 | 30.3 | 46.4   |
| 124 | THOMASVILLE           | MAX     | 57.1                                     | 61.8 | 70.1 | 77.0 | 83.9 | 89.8 | 92.0 | 91.7 | 87.5 | 78.4 | 68.1 | 59.6 | 76.4   |
|     |                       | MEAN    | 46.2                                     | 49.9 | 57.6 | 64.1 | 72.1 | 78.7 | 81.4 | 80.9 | 76.2 | 65.7 | 56.3 | 48.7 | 64.8   |
|     |                       | MIN     | 35.3                                     | 38.0 | 45.0 | 51.2 | 60.3 | 67.6 | 70.8 | 70.1 | 64.9 | 53.0 | 44.5 | 37.7 | 53.2   |
| 125 | THORSBY EXP STATION   | MAX     | 53.8                                     | 58.6 | 66.6 | 73.7 | 80.7 | 87.1 | 89.6 | 89.3 | 84.8 | 76.0 | 66.1 | 57.0 | 73.6   |
|     |                       | MEAN    | 43.2                                     | 46.9 | 54.6 | 61.4 | 69.3 | 76.2 | 79.2 | 78.5 | 73.8 | 63.4 | 54.2 | 46.0 | 62.2   |
|     |                       | MIN     | 32.5                                     | 35.2 | 42.5 | 49.1 | 57.8 | 65.3 | 68.8 | 67.7 | 62.8 | 50.8 | 42.2 | 35.0 | 50.8   |
| 127 | TROY                  | MAX     | 57.1                                     | 61.6 | 69.1 | 75.9 | 82.8 | 88.3 | 90.4 | 90.0 | 85.9 | 77.0 | 67.6 | 59.5 | 75.4   |
|     |                       | MEAN    | 46.7                                     | 50.3 | 57.0 | 63.4 | 71.2 | 77.5 | 80.5 | 80.2 | 75.8 | 65.5 | 56.2 | 49.1 | 64.5   |
|     |                       | MIN     | 36.2                                     | 38.9 | 44.9 | 50.8 | 59.6 | 66.6 | 70.5 | 70.3 | 65.7 | 54.0 | 44.8 | 38.6 | 53.4   |
| 128 | TUSCALOOSA ACFD       | MAX     | 55.2                                     | 61.1 | 69.6 | 76.7 | 83.4 | 89.7 | 92.5 | 92.0 | 87.5 | 77.9 | 67.1 | 58.4 | 75.9   |
|     |                       | MEAN    | 45.2                                     | 49.8 | 57.6 | 64.0 | 71.9 | 78.7 | 82.1 | 81.4 | 76.3 | 65.1 | 55.3 | 48.0 | 64.6   |
|     |                       | MIN     | 35.2                                     | 38.4 | 45.5 | 51.2 | 60.4 | 67.6 | 71.6 | 70.7 | 65.0 | 52.2 | 43.5 | 37.5 | 53.2   |
| 129 | TUSCALOOSA OLIVER DAM | MAX     | 53.2                                     | 58.5 | 66.4 | 74.2 | 81.5 | 87.7 | 90.8 | 90.4 | 85.8 | 75.7 | 65.4 | 56.5 | 73.8   |
|     |                       | MEAN    | 42.9                                     | 47.0 | 54.6 | 61.6 | 70.0 | 77.0 | 80.4 | 79.7 | 74.3 | 63.2 | 53.5 | 45.7 | 62.5   |
|     |                       | MIN     | 32.5                                     | 35.5 | 42.7 | 48.9 | 58.4 | 66.3 | 70.0 | 68.9 | 62.8 | 50.7 | 41.6 | 34.9 | 51.1   |
| 130 | UNION SPRINGS 9 S     | MAX     | 57.3                                     | 61.6 | 68.9 | 75.3 | 81.8 | 87.6 | 89.7 | 89.1 | 85.3 | 76.8 | 68.1 | 60.1 | 75.1   |
|     |                       | MEAN    | 45.9                                     | 49.3 | 56.0 | 62.2 | 69.9 | 76.9 | 79.8 | 78.9 | 74.5 | 64.1 | 55.5 | 48.3 | 63.4   |
|     |                       | MIN     | 34.4                                     | 36.9 | 43.1 | 49.0 | 57.9 | 66.2 | 69.8 | 68.6 | 63.6 | 51.3 | 42.9 | 36.4 | 51.7   |
| 132 | VALLEY HEAD           | MAX     | 48.0                                     | 52.9 | 61.5 | 70.0 | 77.2 | 84.1 | 87.7 | 87.0 | 81.5 | 71.9 | 61.3 | 51.5 | 69.6   |
|     |                       | MEAN    | 37.2                                     | 40.6 | 48.4 | 55.9 | 64.4 | 72.2 | 76.2 | 75.3 | 69.3 | 57.9 | 48.5 | 40.1 | 57.2   |
|     |                       | MIN     | 26.3                                     | 28.2 | 35.3 | 41.8 | 51.5 | 60.2 | 64.7 | 63.5 | 57.1 | 43.8 | 35.6 | 28.7 | 44.7   |
| 133 | VERNON 2 N            | MAX     | 52.2                                     | 57.3 | 65.9 | 73.9 | 81.0 | 87.7 | 91.1 | 91.0 | 85.5 | 75.9 | 65.1 | 56.0 | 73.6   |
|     |                       | MEAN    | 40.2                                     | 44.3 | 52.4 | 59.6 | 68.0 | 75.6 | 79.3 | 78.5 | 72.5 | 61.1 | 51.7 | 43.5 | 60.6   |
|     |                       | MIN     | 28.2                                     | 31.2 | 38.9 | 45.3 | 55.0 | 63.4 | 67.5 | 66.0 | 59.4 | 46.2 | 38.3 | 31.0 | 47.5   |
| 141 | WHATLEY               | MAX     | 59.7                                     | 64.5 | 72.1 | 78.3 | 84.7 | 90.1 | 92.2 | 92.0 | 87.9 | 79.8 | 70.1 | 62.3 | 77.8   |
|     |                       | MEAN    | 47.3                                     | 51.0 | 57.8 | 63.8 | 71.3 | 77.7 | 80.4 | 80.1 | 75.6 | 65.3 | 56.1 | 49.5 | 64.7   |
|     |                       | MIN     | 34.9                                     | 37.4 | 43.5 | 49.2 | 57.9 | 65.3 | 68.6 | 68.1 | 63.3 | 50.8 | 42.1 | 36.7 | 51.5   |



**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

| No. | Station Name            | PRECIPITATION NORMALS (Total in Inches) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|-------------------------|---|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                         | JAN                                     | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 001 | ABBEVILLE 1 NNW         | 6.01                                    | 5.20 | 6.44 | 3.85 | 3.99 | 4.83 | 5.80 | 4.03 | 3.72 | 2.67 | 4.72 | 4.51 | 55.77  |
| 002 | ADDISON                 | 5.77                                    | 4.88 | 6.06 | 4.87 | 5.21 | 4.53 | 4.67 | 3.28 | 4.77 | 3.03 | 5.08 | 5.55 | 57.70  |
| 003 | ALBERTA                 | 5.72                                    | 5.11 | 6.72 | 4.57 | 4.27 | 4.33 | 5.09 | 3.55 | 3.54 | 2.70 | 4.76 | 4.96 | 55.32  |
| 004 | ALEXANDER CITY          | 6.01                                    | 5.23 | 6.56 | 4.60 | 4.31 | 4.48 | 5.37 | 4.05 | 4.05 | 2.84 | 4.56 | 5.07 | 57.13  |
| 005 | ALICEVILLE              | 5.76                                    | 5.18 | 6.26 | 5.97 | 4.37 | 4.03 | 4.43 | 3.08 | 3.97 | 3.44 | 4.82 | 4.88 | 56.19  |
| 006 | ALICEVILLE LOCK & DAM   | 5.96                                    | 4.83 | 5.53 | 5.45 | 4.47 | 4.40 | 3.84 | 3.17 | 2.83 | 3.26 | 5.42 | 4.79 | 53.95  |
| 007 | ANDALUSIA 3 W           | 5.95                                    | 5.40 | 7.20 | 4.53 | 4.94 | 5.20 | 6.49 | 4.87 | 4.76 | 3.08 | 4.75 | 4.72 | 61.89  |
| 008 | ANNISTON METRO AP       | 5.34                                    | 4.80 | 6.28 | 4.87 | 4.16 | 4.14 | 4.49 | 3.35 | 3.32 | 2.87 | 4.20 | 4.11 | 51.93  |
| 009 | ASHLAND 3 SE            | 6.19                                    | 5.73 | 7.23 | 4.95 | 4.53 | 4.50 | 5.26 | 3.87 | 3.99 | 3.40 | 4.75 | 5.01 | 59.41  |
| 010 | ATHENS 2                | 5.33                                    | 4.80 | 6.46 | 4.95 | 5.07 | 5.01 | 4.93 | 3.11 | 4.04 | 3.69 | 5.14 | 5.77 | 58.30  |
| 011 | ATMORE STATE NURSERY    | 6.81                                    | 5.54 | 6.75 | 4.59 | 6.10 | 4.62 | 7.61 | 5.59 | 4.13 | 2.68 | 5.17 | 4.93 | 64.52  |
| 012 | AUBURN AGRONOMY FARM    | 5.32                                    | 4.88 | 6.49 | 4.30 | 3.68 | 3.96 | 5.73 | 3.04 | 3.70 | 2.71 | 4.29 | 4.53 | 52.63  |
| 013 | AUTAUGAVILLE 3 N        | 5.66                                    | 4.57 | 6.39 | 4.24 | 3.80 | 3.82 | 5.13 | 3.74 | 4.09 | 2.84 | 4.16 | 4.62 | 53.06  |
| 014 | BANKHEAD LOCK AND DAM   | 6.52                                    | 5.08 | 6.76 | 5.07 | 4.94 | 4.57 | 5.65 | 3.68 | 3.70 | 4.02 | 5.05 | 5.46 | 60.50  |
| 015 | BAY MINETTE             | 6.22                                    | 5.12 | 6.62 | 4.77 | 5.92 | 5.62 | 8.27 | 6.00 | 5.76 | 3.08 | 5.18 | 5.08 | 67.64  |
| 016 | BEATRICE                | 6.13                                    | 5.20 | 6.78 | 4.30 | 4.18 | 4.91 | 5.39 | 3.57 | 4.31 | 2.20 | 4.60 | 4.79 | 56.36  |
| 017 | BELLE MINA 2 N          | 5.43                                    | 4.57 | 6.29 | 4.42 | 4.55 | 4.45 | 4.35 | 3.25 | 3.88 | 3.51 | 5.08 | 5.53 | 55.31  |
| 018 | BESSEMER 3 WSW          | 6.17                                    | 4.91 | 6.45 | 4.85 | 5.24 | 4.21 | 5.17 | 3.46 | 4.48 | 3.87 | 5.19 | 5.38 | 59.38  |
| 019 | BILLINGSLEY 3 NE        | 6.07                                    | 4.82 | 6.23 | 4.41 | 3.82 | 4.52 | 6.49 | 3.90 | 3.90 | 2.85 | 4.49 | 4.66 | 56.16  |
| 020 | BIRMINGHAM INTL AP      | 5.45                                    | 4.21 | 6.10 | 4.67 | 4.83 | 3.78 | 5.09 | 3.48 | 4.05 | 3.23 | 4.63 | 4.47 | 53.99  |
| 021 | BOAZ                    | 5.60                                    | 4.80 | 6.06 | 4.84 | 4.60 | 4.21 | 4.72 | 3.50 | 4.48 | 3.19 | 4.57 | 4.88 | 55.45  |
| 022 | BRANTLEY                | 5.59                                    | 5.77 | 6.73 | 4.14 | 3.74 | 4.29 | 5.49 | 4.97 | 4.02 | 2.78 | 4.63 | 4.86 | 57.01  |
| 023 | BREWTON 3 ENE           | 6.89                                    | 5.85 | 7.60 | 4.70 | 5.42 | 6.14 | 7.58 | 5.80 | 5.00 | 3.46 | 5.19 | 4.99 | 68.62  |
| 024 | BREWTON 3 SSE           | 6.19                                    | 5.67 | 7.01 | 4.50 | 5.56 | 5.97 | 7.04 | 5.64 | 5.51 | 3.09 | 5.16 | 4.78 | 66.12  |
| 025 | BRIDGEPORT 5 NW         | 6.33                                    | 5.47 | 6.77 | 5.09 | 4.94 | 4.63 | 5.35 | 3.79 | 5.17 | 3.69 | 5.18 | 6.14 | 62.55  |
| 026 | BROOKWOOD               | 5.82                                    | 4.88 | 6.15 | 4.58 | 4.77 | 4.69 | 5.48 | 3.57 | 4.33 | 3.34 | 4.71 | 4.77 | 57.09  |
| 027 | BRUNDRIDGE              | 5.18                                    | 4.96 | 6.57 | 4.33 | 3.99 | 4.03 | 5.90 | 4.22 | 3.92 | 3.37 | 4.39 | 4.58 | 55.44  |
| 028 | CAHABA PUMP HOUSE       | 5.30                                    | 4.36 | 5.40 | 4.36 | 4.40 | 3.82 | 4.20 | 2.84 | 3.60 | 2.91 | 4.83 | 4.60 | 50.62  |
| 029 | CALERA                  | 5.97                                    | 5.39 | 6.86 | 5.17 | 4.28 | 4.07 | 4.58 | 3.94 | 4.37 | 2.90 | 4.16 | 4.82 | 56.51  |
| 030 | CAMDEN 3 NW             | 6.02                                    | 5.24 | 6.53 | 4.57 | 4.66 | 4.29 | 5.45 | 3.81 | 3.71 | 2.65 | 4.93 | 5.21 | 57.07  |
| 031 | CAMP HILL 2 NW          | 5.50                                    | 5.12 | 6.29 | 4.55 | 3.90 | 3.96 | 5.06 | 4.10 | 3.58 | 3.07 | 4.47 | 5.18 | 54.78  |
| 032 | CARBON HILL             | 6.08                                    | 5.21 | 6.37 | 4.99 | 5.30 | 4.35 | 4.56 | 3.89 | 4.31 | 3.63 | 4.72 | 5.46 | 58.87  |
| 033 | CENTRE 4 SW             | 5.80                                    | 5.16 | 7.06 | 5.78 | 4.99 | 3.74 | 4.52 | 3.93 | 4.61 | 3.04 | 4.97 | 5.43 | 59.03  |
| 034 | CENTREVILLE 6 SW        | 6.23                                    | 5.53 | 6.98 | 5.15 | 4.32 | 4.46 | 5.26 | 4.13 | 4.41 | 3.32 | 4.73 | 5.24 | 59.76  |
| 035 | CHATOM                  | 6.87                                    | 5.84 | 6.88 | 5.22 | 5.44 | 4.60 | 5.83 | 4.52 | 4.77 | 3.29 | 5.12 | 5.54 | 63.92  |
| 036 | CHILDERSBURG WATER PLAN | 6.08                                    | 5.48 | 6.73 | 5.13 | 4.36 | 4.00 | 4.75 | 3.62 | 4.12 | 3.24 | 4.27 | 4.82 | 56.60  |
| 037 | CLAIBORNE L & D         | 6.04                                    | 5.06 | 6.55 | 4.33 | 4.58 | 4.49 | 4.91 | 3.87 | 3.93 | 2.49 | 5.12 | 4.89 | 56.26  |
| 038 | CLANTON                 | 5.98                                    | 5.48 | 6.96 | 5.43 | 4.36 | 4.16 | 5.76 | 3.73 | 4.66 | 3.14 | 4.96 | 4.96 | 59.58  |
| 039 | CLAYTON                 | 4.91                                    | 5.05 | 6.56 | 3.77 | 3.85 | 4.75 | 5.27 | 4.01 | 3.76 | 2.68 | 3.93 | 4.36 | 52.90  |
| 040 | CODEN                   | 6.42                                    | 5.77 | 7.04 | 4.20 | 4.92 | 4.32 | 7.70 | 5.97 | 5.08 | 3.52 | 4.83 | 4.37 | 64.14  |
| 041 | COFFEEVILLE L & D       | 6.55                                    | 4.04 | 5.95 | 4.19 | 4.69 | 3.92 | 4.97 | 4.06 | 3.04 | 3.04 | 5.07 | 4.45 | 53.97  |
| 042 | CORDOVA 2 ENE           | 5.85                                    | 4.83 | 6.72 | 5.06 | 4.73 | 3.75 | 4.62 | 3.37 | 3.76 | 3.35 | 4.17 | 4.70 | 54.91  |
| 043 | COTTONTON               | 5.37                                    | 4.58 | 5.44 | 3.64 | 3.30 | 3.64 | 4.71 | 3.89 | 3.44 | 2.29 | 3.99 | 3.97 | 48.26  |
| 044 | DADEVILLE 2             | 5.39                                    | 4.88 | 6.05 | 4.30 | 3.79 | 4.51 | 4.59 | 3.12 | 3.06 | 2.70 | 3.44 | 5.13 | 50.96  |
| 045 | DAUPHIN ISLAND #2       | 6.12                                    | 5.11 | 6.23 | 4.46 | 5.25 | 5.02 | 7.27 | 6.97 | 4.99 | 3.61 | 4.58 | 4.64 | 64.25  |
| 046 | DEMOPOLIS LOCK AND DAM  | 6.20                                    | 4.85 | 6.44 | 4.92 | 4.60 | 3.63 | 4.98 | 3.51 | 3.79 | 3.47 | 4.71 | 4.64 | 55.74  |
| 047 | ELBA                    | 5.89                                    | 5.18 | 7.12 | 4.17 | 4.95 | 5.47 | 6.23 | 3.74 | 4.24 | 3.12 | 4.79 | 4.47 | 59.37  |
| 048 | ELROD                   | 6.02                                    | 5.02 | 6.13 | 5.49 | 4.98 | 4.30 | 4.56 | 3.28 | 3.71 | 3.29 | 4.73 | 4.96 | 56.47  |
| 049 | ENTERPRISE 5 NNW        | 6.09                                    | 5.12 | 6.35 | 3.97 | 4.67 | 4.83 | 6.24 | 3.82 | 3.88 | 2.82 | 4.40 | 4.69 | 56.88  |
| 050 | EUFULA WILDLIFE REF     | 5.40                                    | 4.59 | 6.40 | 3.95 | 3.70 | 4.22 | 5.01 | 3.52 | 3.39 | 2.93 | 4.22 | 4.69 | 52.02  |
| 051 | EVERGREEN               | 6.50                                    | 5.62 | 7.36 | 5.11 | 5.30 | 5.49 | 6.75 | 4.57 | 4.78 | 2.75 | 4.74 | 5.10 | 64.07  |
| 052 | FAIRHOPE 2 NE           | 6.11                                    | 5.47 | 6.71 | 4.53 | 5.60 | 5.94 | 8.00 | 6.22 | 5.97 | 3.57 | 5.19 | 4.40 | 67.71  |
| 053 | FALKVILLE 1 E           | 5.24                                    | 4.50 | 6.46 | 5.06 | 4.50 | 4.30 | 4.28 | 3.87 | 4.36 | 3.30 | 4.64 | 4.85 | 55.36  |
| 054 | FAYETTE                 | 6.12                                    | 5.10 | 7.00 | 5.61 | 5.14 | 4.24 | 4.45 | 3.61 | 3.89 | 3.48 | 4.72 | 5.36 | 58.72  |
| 055 | FORT PAYNE              | 5.71                                    | 5.52 | 6.38 | 4.65 | 5.22 | 3.89 | 4.97 | 4.43 | 4.00 | 3.02 | 4.75 | 5.29 | 57.83  |
| 056 | FRISCO CITY 3 SSW       | 5.90                                    | 5.52 | 6.37 | 4.81 | 5.64 | 5.36 | 5.61 | 4.64 | 4.69 | 2.55 | 4.82 | 4.87 | 60.78  |
| 057 | GADSDEN                 | 5.85                                    | 4.91 | 6.55 | 5.21 | 4.59 | 4.34 | 4.47 | 3.65 | 4.13 | 2.95 | 4.56 | 4.89 | 56.10  |
| 058 | GAINESVILLE LOCK        | 5.79                                    | 4.83 | 6.61 | 5.37 | 4.43 | 4.07 | 3.93 | 2.91 | 3.61 | 3.15 | 4.51 | 4.81 | 54.02  |
| 059 | GENEVA NO 2             | 6.44                                    | 5.44 | 6.56 | 3.87 | 4.60 | 5.08 | 5.83 | 4.75 | 4.14 | 3.01 | 4.97 | 4.29 | 58.98  |
| 060 | GEORGIANA 1 N           | 5.96                                    | 5.28 | 6.86 | 4.46 | 4.34 | 4.85 | 5.73 | 4.07 | 4.67 | 2.92 | 5.00 | 4.82 | 58.96  |
| 061 | GORGAS 2 ENE            | 6.16                                    | 4.84 | 6.63 | 5.19 | 4.84 | 4.14 | 5.00 | 3.56 | 3.97 | 3.39 | 4.53 | 5.29 | 57.54  |
| 062 | GREENSBORO              | 6.12                                    | 5.37 | 6.51 | 5.33 | 4.47 | 3.72 | 5.38 | 3.30 | 3.93 | 3.37 | 4.47 | 4.76 | 56.73  |
| 063 | GREENVILLE              | 5.97                                    | 5.08 | 6.75 | 4.19 | 4.12 | 4.88 | 5.51 | 4.30 | 4.56 | 2.69 | 4.67 | 4.90 | 57.62  |
| 064 | GUNTERSVILLE            | 5.08                                    | 5.01 | 6.20 | 4.81 | 4.47 | 3.85 | 4.28 | 3.36 | 4.23 | 3.06 | 4.45 | 4.76 | 53.56  |
| 065 | HALEYVILLE              | 6.01                                    | 5.33 | 6.78 | 5.28 | 5.93 | 4.85 | 4.88 | 3.55 | 4.67 | 3.63 | 5.72 | 5.87 | 62.50  |
| 066 | HAMILTON 3 S            | 5.78                                    | 5.12 | 6.40 | 5.47 | 6.01 | 4.68 | 4.74 | 3.41 | 4.50 | 3.39 | 5.32 | 5.85 | 60.67  |
| 067 | HANCEVILLE              | 6.19                                    | 5.56 | 6.27 | 4.66 | 4.70 | 4.03 | 4.79 | 3.36 | 4.22 | 3.31 | 4.83 | 4.70 | 56.62  |
| 068 | HEADLAND                | 6.32                                    | 5.19 | 6.18 | 3.80 | 4.22 | 4.83 | 6.06 | 4.19 | 4.17 | 3.18 | 4.25 | 4.22 | 56.61  |
| 069 | HEFLIN                  | 5.97                                    | 5.43 | 6.70 | 5.01 | 4.69 | 4.55 | 5.03 | 3.16 | 3.68 | 3.26 | 4.63 | 4.61 | 56.72  |

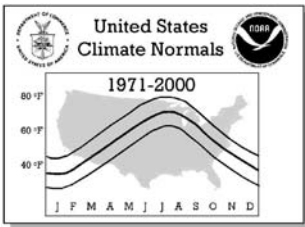


**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

| No. | Station Name           | PRECIPITATION NORMALS (Total in Inches) |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|------------------------|---|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |                        | JAN                                     | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 070 | HIGHLAND HOME          | 5.48                                    | 5.35 | 6.95 | 4.39 | 4.05 | 4.70 | 4.93 | 4.30 | 4.03 | 2.67 | 4.71 | 4.60 | 56.16  |
| 071 | HIGHTOWER              | 5.84                                    | 5.11 | 6.70 | 4.80 | 4.20 | 4.58 | 4.20 | 3.43 | 3.31 | 3.39 | 4.49 | 4.54 | 54.59  |
| 072 | HODGES                 | 5.46                                    | 5.24 | 6.84 | 5.35 | 6.02 | 4.70 | 4.48 | 3.25 | 4.00 | 3.38 | 5.31 | 6.50 | 60.53  |
| 073 | HOLT LOCK AND DAM      | 5.51                                    | 4.58 | 5.45 | 4.10 | 3.59 | 3.91 | 4.46 | 2.98 | 2.90 | 3.17 | 4.48 | 4.46 | 49.59  |
| 074 | HUNTSVILLE INTL AP     | 5.52                                    | 4.95 | 6.68 | 4.54 | 5.24 | 4.22 | 4.40 | 3.32 | 4.29 | 3.54 | 5.22 | 5.59 | 57.51  |
| 075 | HURTSBORO              | 5.03                                    | 4.28 | 6.18 | 4.01 | 4.60 | 3.50 | 5.17 | 3.19 | 3.18 | 2.96 | 4.40 | 4.38 | 50.88  |
| 076 | JACKSON                | 6.11                                    | 5.34 | 6.60 | 4.99 | 5.30 | 5.22 | 6.07 | 4.77 | 4.49 | 2.95 | 5.24 | 5.20 | 62.28  |
| 077 | JACKSONVILLE           | 5.56                                    | 4.88 | 6.03 | 4.76 | 4.26 | 4.26 | 4.52 | 3.34 | 4.20 | 3.15 | 4.21 | 4.40 | 53.57  |
| 078 | JASPER                 | 6.22                                    | 5.31 | 6.49 | 5.07 | 5.06 | 4.62 | 4.90 | 2.88 | 4.13 | 3.63 | 4.69 | 5.72 | 58.72  |
| 079 | JONES BLUFF LOCK & DAM | 5.76                                    | 4.85 | 6.52 | 4.77 | 3.93 | 3.70 | 5.20 | 2.80 | 3.76 | 2.66 | 4.95 | 5.06 | 53.96  |
| 080 | JORDAN DAM             | 5.56                                    | 4.97 | 6.10 | 4.79 | 3.87 | 3.73 | 5.07 | 3.28 | 3.89 | 2.58 | 4.45 | 5.01 | 53.30  |
| 081 | KINSTON                | 6.05                                    | 5.35 | 6.97 | 4.44 | 4.69 | 5.13 | 6.70 | 4.36 | 4.27 | 3.27 | 4.67 | 4.24 | 60.14  |
| 082 | LAFAYETTE 2 W          | 5.88                                    | 5.48 | 6.60 | 4.84 | 4.36 | 4.16 | 5.31 | 3.82 | 3.89 | 2.70 | 4.32 | 5.09 | 56.45  |
| 083 | LAY DAM                | 5.52                                    | 4.75 | 6.02 | 4.66 | 3.95 | 3.58 | 4.85 | 3.36 | 3.76 | 2.75 | 4.22 | 4.38 | 51.80  |
| 084 | LEEDS                  | 5.69                                    | 4.65 | 6.46 | 4.94 | 4.58 | 4.41 | 5.42 | 3.35 | 4.45 | 3.55 | 4.89 | 4.67 | 57.06  |
| 085 | LIVINGSTON             | 5.57                                    | 4.76 | 6.31 | 5.26 | 4.50 | 4.17 | 5.23 | 3.32 | 3.33 | 3.60 | 4.45 | 5.04 | 55.54  |
| 086 | LOUISVILLE             | 4.96                                    | 4.60 | 6.56 | 3.99 | 3.76 | 5.25 | 5.23 | 3.60 | 3.48 | 2.79 | 4.06 | 4.60 | 52.88  |
| 087 | MARION 7 NE            | 6.38                                    | 5.45 | 6.44 | 5.13 | 4.09 | 3.86 | 5.07 | 3.74 | 3.91 | 3.17 | 4.71 | 4.86 | 56.81  |
| 088 | MARION JUNCTION 2 NE   | 5.85                                    | 4.69 | 6.43 | 4.83 | 4.09 | 4.43 | 5.06 | 3.35 | 3.95 | 2.97 | 4.36 | 5.03 | 55.04  |
| 089 | MARTIN DAM             | 5.52                                    | 5.27 | 6.50 | 4.71 | 3.77 | 4.44 | 5.33 | 3.65 | 4.08 | 2.48 | 4.44 | 5.05 | 55.24  |
| 090 | MILLERS FERRY L & D    | 5.83                                    | 5.28 | 6.08 | 4.24 | 4.16 | 3.65 | 4.81 | 3.17 | 3.24 | 2.71 | 4.80 | 5.07 | 53.04  |
| 091 | MILLPORT 2 E           | 6.17                                    | 4.76 | 6.03 | 5.13 | 4.23 | 4.12 | 4.12 | 3.74 | 3.35 | 3.41 | 4.82 | 5.15 | 55.03  |
| 092 | MILSTEAD               | 5.24                                    | 5.11 | 6.71 | 4.56 | 3.97 | 4.08 | 4.55 | 3.32 | 3.89 | 2.64 | 4.42 | 4.70 | 53.19  |
| 093 | MITCHELL DAM           | 5.76                                    | 5.01 | 6.51 | 4.61 | 3.79 | 3.51 | 4.51 | 3.37 | 4.04 | 2.70 | 4.49 | 4.79 | 53.09  |
| 094 | MOBILE RGNL AP         | 5.75                                    | 5.10 | 7.20 | 5.06 | 6.10 | 5.01 | 6.54 | 6.20 | 6.01 | 3.25 | 5.41 | 4.66 | 66.29  |
| 095 | MONTEVALLO             | 6.61                                    | 5.08 | 6.86 | 4.90 | 4.74 | 4.77 | 5.32 | 3.75 | 3.93 | 3.24 | 4.57 | 5.14 | 58.91  |
| 096 | MONTGOMERY DANNELLY AP | 5.04                                    | 5.45 | 6.39 | 4.38 | 4.14 | 4.13 | 5.31 | 3.63 | 4.22 | 2.58 | 4.53 | 4.97 | 54.77  |
| 097 | MOULTON 2              | 5.81                                    | 5.04 | 6.59 | 4.72 | 5.37 | 4.59 | 4.22 | 3.25 | 4.29 | 3.68 | 5.34 | 5.85 | 58.75  |
| 098 | MOUNDVILLE             | 6.23                                    | 5.16 | 6.48 | 5.23 | 3.63 | 4.12 | 5.60 | 2.99 | 3.91 | 3.57 | 5.16 | 5.06 | 57.14  |
| 099 | MUSCLE SHOALS AP       | 4.97                                    | 4.46 | 6.21 | 4.43 | 5.30 | 4.90 | 4.52 | 2.96 | 4.30 | 3.22 | 5.09 | 5.44 | 55.80  |
| 100 | OAK MTN STATE PARK 2 N | 6.06                                    | 5.16 | 5.74 | 5.27 | 4.82 | 4.99 | 5.59 | 3.33 | 3.96 | 3.57 | 4.90 | 5.04 | 58.43  |
| 101 | ONEONTA                | 6.15                                    | 5.18 | 6.30 | 5.25 | 4.78 | 4.62 | 5.24 | 3.17 | 4.53 | 3.52 | 4.56 | 4.84 | 58.14  |
| 102 | OPELIKA                | 5.60                                    | 5.24 | 6.94 | 4.76 | 3.63 | 4.30 | 5.87 | 3.53 | 3.82 | 3.23 | 4.35 | 5.22 | 56.49  |
| 103 | OZARK 6 NNW            | 5.86                                    | 5.01 | 6.94 | 4.07 | 3.64 | 4.84 | 5.81 | 3.61 | 4.46 | 2.66 | 4.73 | 4.73 | 56.36  |
| 104 | PALMERDALE             | 5.77                                    | 4.76 | 6.47 | 5.00 | 4.31 | 4.55 | 4.95 | 3.29 | 4.68 | 3.46 | 4.60 | 4.84 | 56.68  |
| 105 | PERRYVILLE             | 5.71                                    | 4.75 | 6.21 | 4.98 | 4.00 | 3.94 | 4.79 | 3.56 | 3.84 | 2.82 | 4.07 | 4.76 | 53.43  |
| 106 | PINE APPLE             | 5.96                                    | 5.44 | 6.98 | 4.55 | 4.27 | 4.78 | 5.15 | 3.70 | 4.13 | 3.02 | 5.06 | 4.95 | 57.99  |
| 107 | PINE LEVEL 4 ESE       | 5.36                                    | 4.84 | 6.56 | 4.15 | 3.45 | 4.57 | 5.11 | 3.43 | 4.25 | 2.19 | 3.92 | 4.69 | 52.52  |
| 108 | PINSON                 | 5.68                                    | 4.43 | 6.52 | 4.45 | 4.94 | 4.09 | 4.61 | 2.95 | 3.90 | 3.44 | 4.88 | 4.56 | 54.45  |
| 109 | PLANTERSVILLE 2 SSE    | 6.26                                    | 5.06 | 6.82 | 4.85 | 4.32 | 4.02 | 5.19 | 3.74 | 4.17 | 2.81 | 4.48 | 5.19 | 56.91  |
| 110 | REFORM                 | 6.59                                    | 5.27 | 6.32 | 5.65 | 5.08 | 4.31 | 5.38 | 3.77 | 3.72 | 3.42 | 5.06 | 5.33 | 59.90  |
| 111 | ROBERTSDALE 5 NE       | 6.14                                    | 5.08 | 6.94 | 4.49 | 4.97 | 5.44 | 8.37 | 6.71 | 6.43 | 3.66 | 5.54 | 4.15 | 67.92  |
| 112 | ROCKFORD 3 ESE         | 6.13                                    | 5.64 | 6.73 | 4.72 | 3.98 | 3.90 | 5.93 | 4.20 | 4.07 | 2.67 | 4.59 | 4.96 | 57.52  |
| 113 | ROCK MILLS             | 5.91                                    | 5.11 | 6.05 | 4.42 | 3.65 | 4.21 | 4.64 | 3.63 | 3.69 | 2.69 | 4.60 | 4.68 | 53.28  |
| 114 | RUSSELLVILLE NO 2      | 5.44                                    | 4.81 | 6.28 | 4.97 | 5.87 | 4.23 | 4.65 | 2.97 | 4.18 | 3.43 | 5.08 | 5.36 | 57.27  |
| 115 | SAINT BERNARD          | 5.95                                    | 5.46 | 6.61 | 5.01 | 5.13 | 4.51 | 4.78 | 3.29 | 4.95 | 3.65 | 4.94 | 5.68 | 59.96  |
| 116 | SAND MT SUBSTATION     | 5.49                                    | 5.19 | 6.07 | 4.75 | 4.37 | 4.10 | 4.37 | 3.44 | 4.49 | 3.14 | 4.58 | 5.05 | 55.04  |
| 117 | SAYRE 5 NW             | 5.89                                    | 5.01 | 6.63 | 5.17 | 4.85 | 3.83 | 4.93 | 2.92 | 4.39 | 3.10 | 4.51 | 5.00 | 56.23  |
| 118 | SCOTTSBORO             | 6.01                                    | 5.22 | 6.52 | 4.52 | 5.02 | 4.38 | 4.53 | 3.43 | 4.81 | 3.61 | 4.98 | 5.65 | 58.68  |
| 119 | SELMA                  | 5.64                                    | 4.87 | 6.67 | 4.33 | 3.71 | 4.13 | 4.28 | 3.72 | 3.87 | 2.59 | 4.32 | 4.72 | 52.85  |
| 120 | SULLIGENT              | 5.81                                    | 5.02 | 5.80 | 4.96 | 5.67 | 4.90 | 4.97 | 3.67 | 3.75 | 3.29 | 5.24 | 5.46 | 58.54  |
| 121 | SYLACAUGA 4 NE         | 5.70                                    | 5.07 | 6.18 | 4.73 | 3.74 | 4.15 | 4.96 | 3.66 | 4.16 | 3.00 | 4.75 | 4.78 | 54.88  |
| 122 | TALLADEGA              | 6.12                                    | 5.11 | 6.82 | 4.80 | 4.71 | 4.64 | 4.75 | 3.52 | 3.76 | 3.36 | 4.59 | 4.24 | 56.42  |
| 123 | TALLAPOOSA WATER PLANT | 4.93                                    | 5.28 | 5.86 | 4.20 | 3.97 | 4.24 | 4.60 | 3.36 | 3.45 | 2.52 | 3.99 | 4.73 | 51.13  |
| 124 | THOMASVILLE            | 6.21                                    | 5.04 | 6.95 | 4.64 | 4.75 | 4.92 | 6.05 | 3.88 | 4.13 | 2.90 | 5.31 | 5.16 | 59.94  |
| 125 | THORSBY EXP STATION    | 6.06                                    | 5.16 | 6.76 | 5.06 | 4.18 | 4.14 | 5.22 | 3.70 | 4.13 | 3.00 | 4.54 | 4.65 | 56.60  |
| 126 | THURLOW DAM            | 5.67                                    | 5.55 | 6.93 | 4.77 | 3.59 | 4.19 | 5.19 | 3.47 | 4.08 | 2.57 | 4.47 | 4.90 | 55.38  |
| 127 | TROY                   | 5.11                                    | 4.83 | 6.56 | 4.25 | 3.73 | 4.78 | 5.80 | 3.56 | 3.52 | 2.84 | 4.44 | 4.40 | 53.82  |
| 128 | TUSCALOOSA ACFD        | 5.72                                    | 5.07 | 6.37 | 5.10 | 4.55 | 4.20 | 5.71 | 3.70 | 3.54 | 3.47 | 4.84 | 4.97 | 57.24  |
| 129 | TUSCALOOSA OLIVER DAM  | 5.80                                    | 4.87 | 6.49 | 4.96 | 4.54 | 4.03 | 4.75 | 3.37 | 3.32 | 3.67 | 4.44 | 4.75 | 54.99  |
| 130 | UNION SPRINGS 9 S      | 5.48                                    | 4.88 | 6.65 | 4.23 | 4.06 | 5.04 | 5.41 | 3.61 | 4.34 | 2.93 | 4.65 | 4.74 | 56.02  |
| 131 | UNIONTOWN              | 5.87                                    | 4.74 | 6.34 | 4.49 | 4.09 | 3.89 | 4.87 | 3.83 | 3.46 | 2.82 | 4.15 | 4.41 | 52.96  |
| 132 | VALLEY HEAD            | 6.06                                    | 5.62 | 6.57 | 4.73 | 4.70 | 4.33 | 5.18 | 3.49 | 4.27 | 3.29 | 5.00 | 5.12 | 58.36  |
| 133 | VERNON 2 N             | 6.25                                    | 5.32 | 6.70 | 5.34 | 5.52 | 4.18 | 5.03 | 3.04 | 4.03 | 3.43 | 5.62 | 5.61 | 60.07  |
| 134 | WADLEY                 | 6.09                                    | 5.34 | 6.40 | 4.44 | 4.35 | 3.62 | 5.02 | 2.94 | 3.31 | 3.15 | 4.39 | 4.71 | 53.76  |
| 135 | WALLACE 2 E            | 6.72                                    | 5.76 | 7.15 | 4.57 | 5.66 | 4.96 | 7.38 | 5.46 | 5.15 | 3.09 | 4.91 | 4.90 | 65.71  |
| 136 | WALNUT GROVE           | 5.71                                    | 4.90 | 6.66 | 4.96 | 4.32 | 4.22 | 4.21 | 3.20 | 4.60 | 3.04 | 4.36 | 4.88 | 55.06  |
| 137 | WARRIOR LOCK AND DAM   | 6.01                                    | 5.39 | 6.44 | 5.22 | 4.35 | 3.74 | 4.58 | 3.33 | 3.34 | 3.29 | 4.62 | 4.66 | 54.97  |
| 138 | WEISS DAM              | 5.67                                    | 5.32 | 5.62 | 4.16 | 4.16 | 3.42 | 4.72 | 3.06 | 3.18 | 3.32 | 4.71 | 4.92 | 52.26  |

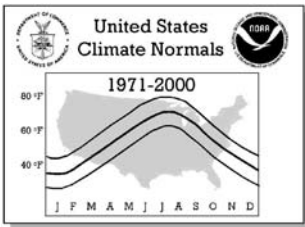




**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

| No. | Station Name            | Element | DEGREE DAYS (Total) |     |     |     |     |     |     |     |     |     |     |     |        |
|-----|-------------------------|---------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|     |                         |         | JAN                 | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 004 | ALEXANDER CITY          | HDD     | 686                 | 516 | 344 | 150 | 42  | 1   | 0   | 0   | 7   | 136 | 353 | 600 | 2835   |
|     |                         | CDD     | 0                   | 0   | 11  | 33  | 162 | 331 | 450 | 419 | 258 | 65  | 11  | 1   | 1741   |
| 005 | ALICEVILLE              | HDD     | 692                 | 509 | 328 | 142 | 32  | 0   | 0   | 0   | 7   | 135 | 364 | 609 | 2818   |
|     |                         | CDD     | 0                   | 0   | 17  | 38  | 185 | 372 | 492 | 456 | 286 | 72  | 12  | 1   | 1931   |
| 007 | ANDALUSIA 3 W           | HDD     | 527                 | 382 | 233 | 90  | 9   | 0   | 0   | 0   | 2   | 87  | 252 | 453 | 2035   |
|     |                         | CDD     | 0                   | 2   | 27  | 73  | 227 | 409 | 500 | 485 | 355 | 125 | 31  | 11  | 2245   |
| 008 | ANNISTON METRO AP       | HDD     | 675                 | 496 | 327 | 139 | 34  | 1   | 0   | 0   | 7   | 137 | 359 | 588 | 2763   |
|     |                         | CDD     | 0                   | 0   | 13  | 38  | 171 | 346 | 467 | 449 | 270 | 71  | 10  | 1   | 1836   |
| 009 | ASHLAND 3 SE            | HDD     | 694                 | 517 | 358 | 152 | 41  | 1   | 0   | 0   | 7   | 136 | 344 | 597 | 2847   |
|     |                         | CDD     | 0                   | 0   | 15  | 28  | 141 | 297 | 411 | 393 | 239 | 58  | 13  | 1   | 1596   |
| 010 | ATHENS 2                | HDD     | 830                 | 643 | 449 | 203 | 60  | 2   | 0   | 1   | 26  | 205 | 457 | 729 | 3605   |
|     |                         | CDD     | 0                   | 0   | 5   | 26  | 137 | 292 | 417 | 391 | 212 | 47  | 4   | 0   | 1531   |
| 011 | ATMORE STATE NURSERY    | HDD     | 552                 | 397 | 238 | 81  | 7   | 0   | 0   | 0   | 1   | 75  | 258 | 467 | 2076   |
|     |                         | CDD     | 0                   | 1   | 22  | 62  | 228 | 394 | 481 | 476 | 341 | 127 | 37  | 10  | 2179   |
| 012 | AUBURN AGRONOMY FARM    | HDD     | 637                 | 466 | 299 | 122 | 22  | 0   | 0   | 0   | 4   | 105 | 300 | 552 | 2507   |
|     |                         | CDD     | 0                   | 0   | 14  | 47  | 195 | 366 | 462 | 446 | 293 | 88  | 15  | 6   | 1932   |
| 014 | BANKHEAD LOCK AND DAM   | HDD     | 747                 | 567 | 401 | 200 | 62  | 1   | 0   | 0   | 11  | 176 | 413 | 658 | 3236   |
|     |                         | CDD     | 0                   | 0   | 8   | 19  | 132 | 298 | 417 | 394 | 228 | 49  | 5   | 0   | 1550   |
| 015 | BAY MINETTE             | HDD     | 532                 | 378 | 225 | 67  | 4   | 0   | 0   | 0   | 1   | 69  | 252 | 458 | 1986   |
|     |                         | CDD     | 0                   | 1   | 19  | 73  | 234 | 392 | 464 | 454 | 319 | 112 | 32  | 10  | 2110   |
| 016 | BEATRICE                | HDD     | 541                 | 380 | 223 | 87  | 13  | 0   | 0   | 0   | 2   | 89  | 247 | 459 | 2041   |
|     |                         | CDD     | 0                   | 3   | 40  | 62  | 228 | 399 | 488 | 476 | 338 | 112 | 32  | 14  | 2192   |
| 017 | BELLE MINA 2 N          | HDD     | 811                 | 622 | 436 | 191 | 51  | 1   | 0   | 0   | 18  | 191 | 438 | 710 | 3469   |
|     |                         | CDD     | 0                   | 0   | 6   | 27  | 150 | 320 | 439 | 397 | 218 | 47  | 5   | 0   | 1609   |
| 018 | BESSEMER 3 WSW          | HDD     | 687                 | 494 | 330 | 130 | 29  | 0   | 0   | 0   | 7   | 137 | 357 | 595 | 2766   |
|     |                         | CDD     | 0                   | 0   | 9   | 38  | 189 | 370 | 495 | 465 | 287 | 81  | 9   | 0   | 1943   |
| 020 | BIRMINGHAM INTL AP      | HDD*    | 691                 | 514 | 339 | 154 | 31  | 1   | 0   | 0   | 11  | 133 | 359 | 590 | 2823   |
|     |                         | CDD*    | 1                   | 3   | 16  | 51  | 167 | 351 | 476 | 455 | 280 | 69  | 9   | 3   | 1881   |
| 023 | BREWTON 3 ENE           | HDD     | 572                 | 415 | 257 | 99  | 14  | 0   | 0   | 0   | 4   | 108 | 295 | 507 | 2271   |
|     |                         | CDD     | 0                   | 1   | 25  | 63  | 220 | 396 | 476 | 451 | 308 | 93  | 26  | 10  | 2069   |
| 024 | BREWTON 3 SSE           | HDD     | 549                 | 396 | 257 | 110 | 19  | 0   | 0   | 0   | 4   | 114 | 295 | 491 | 2235   |
|     |                         | CDD     | 0                   | 1   | 26  | 64  | 201 | 368 | 469 | 454 | 307 | 97  | 25  | 9   | 2021   |
| 025 | BRIDGEPORT 5 NW         | HDD     | 834                 | 646 | 460 | 223 | 83  | 3   | 0   | 0   | 22  | 221 | 464 | 740 | 3696   |
|     |                         | CDD     | 0                   | 0   | 4   | 14  | 116 | 270 | 394 | 368 | 188 | 34  | 2   | 0   | 1390   |
| 030 | CAMDEN 3 NW             | HDD     | 622                 | 448 | 267 | 105 | 19  | 0   | 0   | 0   | 4   | 112 | 327 | 553 | 2457   |
|     |                         | CDD     | 0                   | 2   | 22  | 62  | 212 | 379 | 473 | 455 | 305 | 89  | 21  | 4   | 2024   |
| 031 | CAMP HILL 2 NW          | HDD     | 733                 | 569 | 398 | 192 | 54  | 1   | 0   | 0   | 12  | 184 | 413 | 648 | 3204   |
|     |                         | CDD     | 0                   | 0   | 7   | 20  | 133 | 293 | 411 | 378 | 223 | 42  | 5   | 0   | 1512   |
| 033 | CENTRE 4 SW             | HDD     | 759                 | 581 | 408 | 185 | 51  | 1   | 0   | 0   | 12  | 163 | 398 | 663 | 3221   |
|     |                         | CDD     | 0                   | 0   | 6   | 24  | 148 | 321 | 444 | 411 | 225 | 52  | 8   | 0   | 1639   |
| 034 | CENTREVILLE 6 SW        | HDD     | 669                 | 490 | 313 | 131 | 21  | 0   | 0   | 0   | 7   | 125 | 342 | 590 | 2688   |
|     |                         | CDD     | 0                   | 0   | 13  | 49  | 181 | 367 | 474 | 451 | 281 | 73  | 14  | 5   | 1908   |
| 035 | CHATOM                  | HDD     | 526                 | 363 | 218 | 91  | 10  | 0   | 0   | 0   | 3   | 80  | 263 | 470 | 2024   |
|     |                         | CDD     | 0                   | 5   | 32  | 89  | 243 | 400 | 489 | 476 | 328 | 102 | 27  | 10  | 2201   |
| 036 | CHILDERSBURG WATER PLAN | HDD     | 625                 | 451 | 279 | 114 | 22  | 0   | 0   | 0   | 6   | 124 | 323 | 543 | 2487   |
|     |                         | CDD     | 0                   | 0   | 20  | 52  | 188 | 363 | 479 | 449 | 283 | 78  | 13  | 4   | 1929   |
| 038 | CLANTON                 | HDD     | 692                 | 515 | 337 | 143 | 32  | 0   | 0   | 0   | 9   | 157 | 369 | 613 | 2867   |
|     |                         | CDD     | 0                   | 0   | 13  | 31  | 163 | 331 | 440 | 410 | 248 | 64  | 9   | 1   | 1710   |
| 039 | CLAYTON                 | HDD     | 600                 | 436 | 280 | 114 | 17  | 0   | 0   | 0   | 5   | 103 | 281 | 504 | 2340   |
|     |                         | CDD     | 0                   | 1   | 26  | 55  | 190 | 358 | 454 | 434 | 296 | 106 | 25  | 7   | 1952   |
| 040 | CODEN                   | HDD     | 490                 | 354 | 236 | 80  | 6   | 0   | 0   | 0   | 0   | 55  | 235 | 418 | 1874   |
|     |                         | CDD     | 0                   | 1   | 18  | 64  | 223 | 392 | 488 | 478 | 348 | 124 | 36  | 13  | 2185   |
| 045 | DAUPHIN ISLAND #2       | HDD     | 444                 | 319 | 167 | 39  | 1   | 0   | 0   | 0   | 0   | 23  | 160 | 351 | 1504   |
|     |                         | CDD     | 4                   | 9   | 38  | 117 | 318 | 473 | 553 | 556 | 442 | 206 | 70  | 18  | 2804   |
| 046 | DEMOPOLIS LOCK AND DAM  | HDD     | 648                 | 472 | 304 | 122 | 22  | 0   | 0   | 0   | 9   | 128 | 336 | 572 | 2613   |
|     |                         | CDD     | 0                   | 0   | 17  | 49  | 193 | 366 | 476 | 456 | 297 | 83  | 10  | 7   | 1954   |
| 049 | ENTERPRISE 5 NNW        | HDD     | 523                 | 366 | 223 | 79  | 9   | 0   | 0   | 0   | 1   | 63  | 231 | 447 | 1942   |
|     |                         | CDD     | 0                   | 4   | 31  | 75  | 242 | 403 | 485 | 465 | 341 | 121 | 34  | 12  | 2213   |
| 050 | EUFULA WILDLIFE REF     | HDD     | 599                 | 431 | 272 | 113 | 23  | 0   | 0   | 0   | 3   | 124 | 302 | 522 | 2389   |
|     |                         | CDD     | 0                   | 0   | 24  | 46  | 196 | 372 | 473 | 445 | 293 | 84  | 16  | 6   | 1955   |
| 051 | EVERGREEN               | HDD     | 550                 | 395 | 242 | 102 | 12  | 0   | 0   | 0   | 2   | 88  | 275 | 482 | 2148   |
|     |                         | CDD     | 0                   | 1   | 28  | 69  | 215 | 391 | 486 | 475 | 337 | 121 | 26  | 14  | 2163   |
| 052 | FAIRHOPE 2 NE           | HDD     | 475                 | 339 | 192 | 59  | 3   | 0   | 0   | 0   | 0   | 52  | 210 | 405 | 1735   |
|     |                         | CDD     | 0                   | 5   | 29  | 86  | 259 | 426 | 510 | 499 | 369 | 142 | 44  | 15  | 2384   |
| 053 | FALKVILLE 1 E           | HDD     | 789                 | 614 | 425 | 215 | 63  | 2   | 0   | 0   | 22  | 191 | 426 | 692 | 3439   |
|     |                         | CDD     | 0                   | 0   | 6   | 30  | 125 | 301 | 427 | 399 | 223 | 49  | 6   | 0   | 1566   |
| 054 | FAYETTE                 | HDD     | 728                 | 548 | 364 | 165 | 52  | 1   | 0   | 0   | 8   | 153 | 391 | 639 | 3049   |
|     |                         | CDD     | 0                   | 0   | 9   | 39  | 162 | 340 | 477 | 444 | 257 | 51  | 8   | 0   | 1787   |



# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

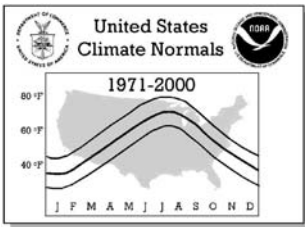
## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No. | Station Name           | Element | DEGREE DAYS (Total) |     |     |     |     |     |     |     |     |     |     |     |        |
|-----|------------------------|---------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|     |                        |         | JAN                 | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 056 | FRISCO CITY 3 SSW      | HDD     | 567                 | 411 | 248 | 84  | 10  | 0   | 0   | 0   | 3   | 91  | 270 | 485 | 2169   |
|     |                        | CDD     | 0                   | 2   | 26  | 59  | 230 | 386 | 475 | 453 | 322 | 110 | 27  | 11  | 2101   |
| 057 | GADSDEN                | HDD     | 769                 | 585 | 402 | 166 | 50  | 1   | 0   | 0   | 11  | 164 | 403 | 669 | 3220   |
|     |                        | CDD     | 0                   | 0   | 6   | 25  | 155 | 324 | 457 | 429 | 252 | 62  | 6   | 0   | 1716   |
| 058 | GAINESVILLE LOCK       | HDD     | 676                 | 500 | 329 | 142 | 35  | 0   | 0   | 0   | 6   | 118 | 353 | 589 | 2748   |
|     |                        | CDD     | 0                   | 0   | 12  | 40  | 190 | 367 | 490 | 475 | 302 | 70  | 12  | 1   | 1959   |
| 059 | GENEVA NO 2            | HDD     | 556                 | 398 | 244 | 86  | 9   | 0   | 0   | 0   | 2   | 87  | 273 | 484 | 2139   |
|     |                        | CDD     | 0                   | 5   | 25  | 50  | 206 | 376 | 458 | 442 | 309 | 93  | 29  | 10  | 2003   |
| 062 | GREENSBORO             | HDD     | 608                 | 423 | 263 | 92  | 15  | 0   | 0   | 0   | 4   | 100 | 295 | 521 | 2321   |
|     |                        | CDD     | 0                   | 1   | 21  | 57  | 228 | 416 | 523 | 505 | 337 | 110 | 15  | 9   | 2222   |
| 063 | GREENVILLE             | HDD     | 534                 | 378 | 213 | 74  | 13  | 0   | 0   | 0   | 2   | 78  | 253 | 464 | 2009   |
|     |                        | CDD     | 0                   | 6   | 31  | 69  | 242 | 404 | 500 | 479 | 336 | 119 | 27  | 13  | 2226   |
| 064 | GUNTERSVILLE           | HDD     | 776                 | 604 | 419 | 195 | 56  | 2   | 0   | 0   | 20  | 177 | 417 | 694 | 3360   |
|     |                        | CDD     | 0                   | 0   | 11  | 20  | 140 | 313 | 437 | 409 | 235 | 55  | 6   | 0   | 1626   |
| 065 | HALEYVILLE             | HDD     | 816                 | 618 | 426 | 197 | 59  | 3   | 0   | 1   | 26  | 198 | 433 | 711 | 3488   |
|     |                        | CDD     | 0                   | 0   | 6   | 30  | 131 | 286 | 406 | 386 | 226 | 61  | 7   | 0   | 1539   |
| 066 | HAMILTON 3 S           | HDD     | 808                 | 616 | 433 | 208 | 65  | 2   | 0   | 0   | 19  | 201 | 449 | 714 | 3515   |
|     |                        | CDD     | 0                   | 0   | 7   | 21  | 136 | 298 | 436 | 409 | 234 | 52  | 4   | 0   | 1597   |
| 068 | HEADLAND               | HDD     | 550                 | 381 | 226 | 75  | 5   | 0   | 0   | 0   | 1   | 88  | 259 | 473 | 2058   |
|     |                        | CDD     | 0                   | 1   | 30  | 84  | 261 | 429 | 503 | 473 | 329 | 110 | 32  | 12  | 2264   |
| 069 | HEFLIN                 | HDD     | 749                 | 575 | 398 | 188 | 62  | 2   | 0   | 0   | 12  | 177 | 408 | 660 | 3231   |
|     |                        | CDD     | 0                   | 0   | 7   | 22  | 134 | 301 | 429 | 397 | 226 | 46  | 7   | 0   | 1569   |
| 070 | HIGHLAND HOME          | HDD     | 609                 | 439 | 280 | 111 | 19  | 0   | 0   | 0   | 4   | 95  | 288 | 522 | 2367   |
|     |                        | CDD     | 0                   | 0   | 21  | 48  | 194 | 356 | 451 | 433 | 294 | 93  | 17  | 9   | 1916   |
| 074 | HUNTSVILLE INTL AP     | HDD*    | 780                 | 587 | 404 | 180 | 41  | 1   | 0   | 0   | 18  | 165 | 417 | 669 | 3262   |
|     |                        | CDD*    | 0                   | 1   | 8   | 40  | 142 | 326 | 446 | 417 | 238 | 47  | 5   | 1   | 1671   |
| 076 | JACKSON                | HDD     | 542                 | 392 | 241 | 94  | 9   | 0   | 0   | 0   | 2   | 83  | 272 | 467 | 2102   |
|     |                        | CDD     | 0                   | 2   | 22  | 74  | 227 | 404 | 505 | 486 | 339 | 106 | 27  | 12  | 2204   |
| 078 | JASPER                 | HDD     | 753                 | 573 | 380 | 169 | 43  | 1   | 0   | 0   | 9   | 171 | 403 | 663 | 3165   |
|     |                        | CDD     | 0                   | 0   | 9   | 22  | 143 | 326 | 457 | 432 | 249 | 55  | 6   | 0   | 1699   |
| 082 | LAFAYETTE 2 W          | HDD     | 704                 | 524 | 358 | 152 | 42  | 1   | 0   | 0   | 9   | 157 | 370 | 625 | 2942   |
|     |                        | CDD     | 0                   | 0   | 10  | 28  | 153 | 318 | 431 | 407 | 250 | 66  | 10  | 2   | 1675   |
| 085 | LIVINGSTON             | HDD     | 654                 | 483 | 324 | 138 | 30  | 1   | 0   | 0   | 9   | 141 | 357 | 571 | 2708   |
|     |                        | CDD     | 0                   | 0   | 14  | 35  | 185 | 363 | 475 | 446 | 282 | 73  | 14  | 1   | 1888   |
| 088 | MARION JUNCTION 2 NE   | HDD     | 651                 | 477 | 307 | 129 | 25  | 0   | 0   | 0   | 6   | 118 | 333 | 574 | 2620   |
|     |                        | CDD     | 0                   | 0   | 18  | 46  | 199 | 383 | 499 | 477 | 310 | 85  | 16  | 7   | 2040   |
| 089 | MARTIN DAM             | HDD     | 657                 | 495 | 332 | 144 | 34  | 1   | 0   | 0   | 4   | 122 | 324 | 559 | 2672   |
|     |                        | CDD     | 0                   | 0   | 11  | 27  | 155 | 329 | 443 | 422 | 276 | 79  | 13  | 3   | 1758   |
| 092 | MILSTEAD               | HDD     | 632                 | 464 | 303 | 121 | 28  | 0   | 0   | 0   | 4   | 110 | 312 | 544 | 2518   |
|     |                        | CDD     | 0                   | 0   | 16  | 38  | 190 | 366 | 481 | 458 | 297 | 78  | 18  | 8   | 1950   |
| 094 | MOBILE RGNL AP         | HDD*    | 455                 | 326 | 182 | 57  | 4   | 0   | 0   | 0   | 2   | 51  | 208 | 396 | 1681   |
|     |                        | CDD*    | 9                   | 11  | 45  | 106 | 282 | 445 | 527 | 520 | 384 | 151 | 41  | 18  | 2539   |
| 096 | MONTGOMERY DANNELLY AP | HDD*    | 568                 | 415 | 250 | 98  | 9   | 0   | 0   | 0   | 3   | 84  | 278 | 489 | 2194   |
|     |                        | CDD*    | 2                   | 4   | 24  | 73  | 225 | 415 | 519 | 502 | 350 | 106 | 23  | 9   | 2252   |
| 097 | MOULTON 2              | HDD     | 756                 | 560 | 373 | 154 | 40  | 1   | 0   | 0   | 18  | 188 | 424 | 663 | 3177   |
|     |                        | CDD     | 0                   | 0   | 10  | 38  | 162 | 326 | 439 | 405 | 228 | 57  | 5   | 0   | 1670   |
| 099 | MUSCLE SHOALS AP       | HDD     | 778                 | 573 | 388 | 169 | 50  | 1   | 0   | 0   | 18  | 171 | 414 | 674 | 3236   |
|     |                        | CDD     | 0                   | 0   | 8   | 36  | 167 | 344 | 471 | 436 | 255 | 63  | 9   | 0   | 1789   |
| 101 | ONEONTA                | HDD     | 759                 | 584 | 402 | 199 | 64  | 3   | 0   | 0   | 18  | 187 | 410 | 670 | 3296   |
|     |                        | CDD     | 0                   | 0   | 7   | 20  | 131 | 290 | 419 | 389 | 222 | 51  | 7   | 0   | 1536   |
| 102 | OPELIKA                | HDD     | 648                 | 486 | 326 | 145 | 39  | 1   | 0   | 0   | 6   | 132 | 333 | 571 | 2687   |
|     |                        | CDD     | 0                   | 0   | 13  | 29  | 159 | 328 | 437 | 411 | 254 | 64  | 12  | 1   | 1708   |
| 103 | OZARK 6 NNW            | HDD     | 497                 | 335 | 192 | 63  | 6   | 0   | 0   | 0   | 1   | 58  | 212 | 417 | 1781   |
|     |                        | CDD     | 0                   | 6   | 32  | 84  | 246 | 410 | 481 | 468 | 338 | 128 | 35  | 13  | 2241   |
| 108 | PINSON                 | HDD     | 741                 | 558 | 379 | 173 | 50  | 1   | 0   | 0   | 12  | 186 | 414 | 655 | 3169   |
|     |                        | CDD     | 0                   | 0   | 7   | 30  | 156 | 320 | 449 | 423 | 245 | 63  | 6   | 0   | 1699   |
| 111 | ROBERTSDALE 5 NE       | HDD     | 483                 | 342 | 208 | 78  | 5   | 0   | 0   | 0   | 1   | 62  | 223 | 413 | 1815   |
|     |                        | CDD     | 0                   | 3   | 31  | 77  | 239 | 406 | 494 | 481 | 350 | 128 | 38  | 15  | 2262   |
| 112 | ROCKFORD 3 ESE         | HDD     | 650                 | 477 | 313 | 146 | 37  | 1   | 0   | 0   | 6   | 130 | 339 | 570 | 2669   |
|     |                        | CDD     | 0                   | 0   | 16  | 34  | 146 | 307 | 415 | 405 | 255 | 72  | 12  | 3   | 1665   |
| 113 | ROCK MILLS             | HDD     | 703                 | 540 | 373 | 155 | 38  | 1   | 0   | 0   | 11  | 168 | 393 | 633 | 3015   |
|     |                        | CDD     | 0                   | 0   | 9   | 30  | 150 | 336 | 450 | 411 | 239 | 49  | 8   | 0   | 1682   |
| 114 | RUSSELLVILLE NO 2      | HDD     | 811                 | 631 | 451 | 234 | 86  | 5   | 0   | 1   | 27  | 213 | 450 | 713 | 3622   |
|     |                        | CDD     | 0                   | 0   | 5   | 22  | 121 | 266 | 404 | 372 | 212 | 46  | 2   | 0   | 1450   |
| 115 | SAINT BERNARD          | HDD     | 764                 | 567 | 389 | 187 | 60  | 4   | 0   | 0   | 18  | 193 | 426 | 676 | 3284   |
|     |                        | CDD     | 0                   | 0   | 10  | 33  | 139 | 288 | 417 | 388 | 221 | 58  | 4   | 0   | 1558   |
| 116 | SAND MT SUBSTATION     | HDD     | 823                 | 637 | 455 | 225 | 72  | 3   | 0   | 1   | 29  | 208 | 450 | 726 | 3629   |
|     |                        | CDD     | 0                   | 0   | 5   | 20  | 115 | 267 | 384 | 358 | 198 | 40  | 5   | 0   | 1392   |



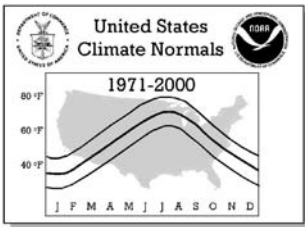




**CLIMATOGRAPHY OF THE UNITED STATES NO. 81**  
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days  
**1971-2000**

**ALABAMA**

| No. | Station Name  | Element                 | NORMALS STATISTICS |      |      |      |      |      |      |      |      |      |      |      |        |
|-----|---------------|-------------------------|--------------------|------|------|------|------|------|------|------|------|------|------|------|--------|
|     |               |                         | JAN                | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |
| 004 | ALEXANDER CIT | HIGHEST MEAN            | 54.2               | 52.9 | 60.6 | 65.8 | 73.6 | 80.5 | 82.9 | 81.9 | 77.1 | 69.2 | 61.6 | 54.0 | 82.9   |
|     |               | MEDIAN                  | 43.0               | 46.3 | 54.6 | 60.4 | 68.9 | 76.1 | 79.8 | 78.2 | 73.0 | 62.5 | 52.9 | 45.3 | 61.9   |
|     |               | LOWEST MEAN             | 32.0               | 39.0 | 47.5 | 55.7 | 63.3 | 71.9 | 76.5 | 75.7 | 69.8 | 57.1 | 45.6 | 38.0 | 32.0   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1999 | 1998 | 1998 | 1993 | 1995 | 1980 | 1984 | 1985 | 1971 | 1993   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1983 | 1975 | 1992 | 1975 | 1976 | 1976 | 2000 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.2                | 1.8  | 1.8  | 0.9  | 0.8  | 0.6  | 0.4  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4  | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |
| 005 | ALICEVILLE    | HIGHEST MEAN            | 51.3               | 53.9 | 61.0 | 67.4 | 74.2 | 81.1 | 84.8 | 83.7 | 79.7 | 69.5 | 60.3 | 56.2 | 84.8   |
|     |               | MEDIAN                  | 42.8               | 47.4 | 54.9 | 60.9 | 69.6 | 77.2 | 80.7 | 79.8 | 74.1 | 62.4 | 53.2 | 45.0 | 62.6   |
|     |               | LOWEST MEAN             | 32.3               | 37.0 | 49.3 | 57.5 | 64.8 | 74.3 | 77.9 | 75.4 | 69.7 | 58.3 | 45.6 | 37.3 | 32.3   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1974 | 1981 | 1987 | 1998 | 1980 | 1995 | 1980 | 1971 | 1985 | 1971 | 1980   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1993 | 1976 | 1992 | 1994 | 1992 | 1974 | 1987 | 1976 | 2000 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 0.7                | 1.0  | -0.1 | -0.4 | -0.3 | -0.2 | -0.2 | -0.3 | -0.3 | -0.4 | -0.5 | 0.5  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4  | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |
| 007 | ANDALUSIA 3 W | HIGHEST MEAN            | 60.3               | 57.8 | 63.9 | 69.4 | 75.8 | 82.6 | 83.9 | 82.9 | 81.7 | 72.2 | 66.1 | 59.9 | 83.9   |
|     |               | MEDIAN                  | 48.2               | 51.3 | 58.4 | 64.4 | 71.9 | 78.5 | 81.0 | 80.7 | 76.4 | 66.4 | 57.3 | 49.6 | 65.6   |
|     |               | LOWEST MEAN             | 38.8               | 42.6 | 53.2 | 60.0 | 68.7 | 76.1 | 78.4 | 78.5 | 73.7 | 59.9 | 51.1 | 43.3 | 38.8   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1991 | 1991 | 1998 | 1986 | 1990 | 1978 | 1985 | 1985 | 1971 | 1986   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1996 | 1983 | 1976 | 1997 | 1994 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.3                | 0.9  | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | -0.3 | 0.3  | 0.4  | 1.2  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3  | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |
| 008 | ANNISTON METR | HIGHEST MEAN            | 54.6               | 55.2 | 60.7 | 67.3 | 73.4 | 80.6 | 83.2 | 82.9 | 78.2 | 69.6 | 61.9 | 54.3 | 83.2   |
|     |               | MEDIAN                  | 43.2               | 46.9 | 55.0 | 61.2 | 68.9 | 76.5 | 80.0 | 79.2 | 73.3 | 62.6 | 52.9 | 45.9 | 62.3   |
|     |               | LOWEST MEAN             | 32.1               | 38.8 | 48.5 | 57.2 | 65.0 | 73.1 | 77.7 | 76.6 | 70.3 | 57.2 | 45.2 | 38.4 | 32.1   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1981 | 1998 | 1998 | 1980 | 1995 | 1998 | 1984 | 1985 | 1971 | 1980   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1974 | 1975 | 1992 | 1975 | 1987 | 1976 | 2000 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 0.0                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.0                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |
| 009 | ASHLAND 3 SE  | HIGHEST MEAN            | 54.9               | 53.7 | 61.0 | 64.5 | 72.5 | 78.4 | 82.3 | 80.9 | 76.5 | 68.6 | 61.8 | 54.5 | 82.3   |
|     |               | MEDIAN                  | 43.2               | 46.4 | 54.2 | 60.9 | 67.9 | 74.8 | 77.9 | 77.4 | 72.2 | 62.2 | 54.0 | 46.1 | 61.6   |
|     |               | LOWEST MEAN             | 31.4               | 37.9 | 47.0 | 55.6 | 64.9 | 71.1 | 73.7 | 74.4 | 70.1 | 57.3 | 47.0 | 36.3 | 31.4   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1991 | 1998 | 1998 | 1986 | 1987 | 1978 | 1984 | 1985 | 1971 | 1986   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1996 | 1983 | 1981 | 1999 | 1999 | 1997 | 1974 | 1987 | 1976 | 2000 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.0  | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.4  | 0.4  | 1.1  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4  | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |
| 010 | ATHENS 2      | HIGHEST MEAN            | 46.0               | 49.9 | 56.6 | 66.2 | 73.6 | 78.2 | 82.1 | 81.9 | 77.0 | 65.7 | 56.8 | 50.1 | 82.1   |
|     |               | MEDIAN                  | 39.0               | 41.8 | 50.7 | 58.4 | 67.0 | 75.0 | 78.8 | 77.1 | 71.6 | 60.1 | 49.3 | 41.3 | 59.0   |
|     |               | LOWEST MEAN             | 25.0               | 30.3 | 44.6 | 53.7 | 61.9 | 70.0 | 74.6 | 73.9 | 65.6 | 53.2 | 40.7 | 32.4 | 25.0   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1973 | 1981 | 1987 | 1998 | 1993 | 1983 | 1998 | 1984 | 1985 | 1984 | 1993   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1974 | 1975 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 0.7                | 1.1  | -0.1 | -0.5 | -0.4 | -0.3 | -0.3 | -0.4 | -0.3 | -0.4 | -0.5 | 0.4  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4  | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |
| 011 | ATMORE STATE  | HIGHEST MEAN            | 58.7               | 56.5 | 64.4 | 69.4 | 77.3 | 82.4 | 83.6 | 83.4 | 80.8 | 73.5 | 68.2 | 59.0 | 83.6   |
|     |               | MEDIAN                  | 47.4               | 50.9 | 58.1 | 64.0 | 72.1 | 77.8 | 80.5 | 80.3 | 75.9 | 66.6 | 56.8 | 49.2 | 65.1   |
|     |               | LOWEST MEAN             | 37.8               | 41.3 | 53.4 | 60.3 | 68.2 | 75.2 | 77.9 | 77.6 | 73.6 | 61.0 | 48.8 | 41.5 | 37.8   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1985 | 1985 | 1984 | 2000   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1983 | 1994 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.5  | 1.0  | 0.0  | 0.1  | 0.0  | 0.0  | -0.1 | 0.1  | 0.3  | 0.4  | 1.1  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |
| 012 | AUBURN AGRONO | HIGHEST MEAN            | 56.6               | 54.4 | 62.1 | 67.7 | 75.1 | 81.8 | 84.0 | 83.0 | 78.1 | 69.8 | 62.7 | 55.8 | 84.0   |
|     |               | MEDIAN                  | 45.1               | 48.3 | 55.5 | 62.3 | 70.0 | 77.1 | 79.8 | 78.9 | 74.3 | 64.6 | 55.1 | 47.0 | 63.3   |
|     |               | LOWEST MEAN             | 34.5               | 40.1 | 50.4 | 58.1 | 66.3 | 73.0 | 77.2 | 76.8 | 71.1 | 58.8 | 48.0 | 38.2 | 34.5   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1976 | 1997 | 1999 | 2000 | 1998 | 1993 | 1995 | 1998 | 1984 | 1985 | 1971 | 1993   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1983 | 1984 | 1984 | 1975 | 1976 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.0  | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.4  | 0.4  | 1.1  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4  | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |
| 014 | BANKHEAD LOCK | HIGHEST MEAN            | 50.7               | 52.5 | 57.9 | 64.5 | 72.3 | 78.9 | 82.2 | 82.2 | 76.6 | 66.9 | 58.1 | 52.1 | 82.2   |
|     |               | MEDIAN                  | 41.3               | 44.9 | 52.2 | 58.4 | 66.6 | 75.3 | 78.6 | 77.3 | 71.8 | 61.0 | 50.9 | 43.6 | 60.2   |
|     |               | LOWEST MEAN             | 31.1               | 34.3 | 46.8 | 52.3 | 60.3 | 71.4 | 74.4 | 73.3 | 67.6 | 56.0 | 42.7 | 33.0 | 31.1   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1974 | 1981 | 1987 | 1981 | 1980 | 2000 | 1980 | 1984 | 1985 | 1984 | 1980   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1971 | 1983 | 1976 | 1972 | 1972 | 1976 | 1982 | 1977 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 0.9                | 1.2  | 1.4  | 1.3  | 1.1  | 0.8  | 0.5  | 0.4  | 0.2  | 0.5  | 0.8  | 0.7  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3  | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | -0.1 | -0.2 | -0.2 | 0.0  | 0.1  |        |
| 015 | BAY MINETTE   | HIGHEST MEAN            | 59.7               | 57.8 | 64.3 | 69.5 | 76.7 | 81.8 | 84.1 | 83.3 | 79.4 | 72.1 | 64.7 | 59.2 | 84.1   |
|     |               | MEDIAN                  | 48.7               | 51.2 | 57.9 | 65.1 | 72.7 | 77.8 | 79.8 | 79.6 | 75.3 | 66.7 | 57.8 | 50.5 | 65.2   |
|     |               | LOWEST MEAN             | 39.1               | 44.3 | 54.0 | 61.2 | 68.5 | 75.6 | 77.5 | 76.9 | 71.8 | 60.9 | 49.4 | 42.8 | 39.1   |
|     |               | HIGHEST MEAN YEAR       | 1974               | 1990 | 1997 | 1999 | 2000 | 1977 | 2000 | 1999 | 1980 | 1984 | 1985 | 1984 | 2000   |
|     |               | LOWEST MEAN YEAR        | 1977               | 1978 | 1996 | 1993 | 1976 | 1976 | 1972 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |
|     |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.5  | 1.0  | 0.0  | 0.1  | 0.0  | 0.0  | -0.1 | 0.2  | 0.3  | 0.5  | 1.1  |        |
|     |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |

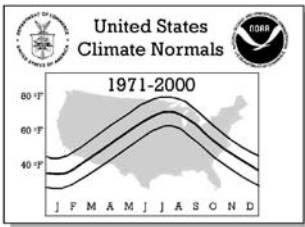


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 016                     | BEATRICE      | HIGHEST MEAN            | 57.8               | 58.0         | 65.3 | 68.6 | 77.5 | 82.6 | 83.2 | 83.0 | 80.3 | 72.5 | 64.0 | 59.1 | 83.2   |      |      |
|                         |               | MEDIAN                  | 47.7               | 51.9         | 59.7 | 63.9 | 71.6 | 78.2 | 80.4 | 80.3 | 75.8 | 65.8 | 56.8 | 49.6 | 65.3   |      |      |
|                         |               | LOWEST MEAN             | 36.6               | 41.4         | 52.8 | 58.9 | 68.5 | 74.5 | 78.1 | 77.3 | 73.0 | 60.6 | 50.5 | 42.4 | 36.6   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 1975 | 1998 | 1980 | 1995 | 1980 | 1984 | 1978 | 1984 | 1980   | 1980 |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1983 | 1983 | 1988 | 1983 | 1985 | 1992 | 1983 | 1980 | 1976 | 1989 | 1977   | 1977 |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.2               | -1.0         | -0.9 | -0.5 | -0.4 | -0.3 | -0.3 | -0.3 | -0.5 | -0.8 | -1.2 | -1.2 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -1.5               | -1.2         | -1.4 | -1.0 | -0.7 | -0.5 | -0.4 | -0.5 | -0.7 | -1.4 | -2.0 | -1.6 |        |      |      |
|                         |               | 017                     | BELLE MINA 2       | HIGHEST MEAN | 47.7 | 49.7 | 57.8 | 65.4 | 73.1 | 79.9 | 82.3 | 81.9 | 76.6 | 66.5 | 57.5   | 50.7 | 82.3 |
|                         |               |                         |                    | MEDIAN       | 39.1 | 42.6 | 51.0 | 59.1 | 67.8 | 76.3 | 79.2 | 77.2 | 71.4 | 60.3 | 50.4   | 42.1 | 59.7 |
|                         |               |                         |                    | LOWEST MEAN  | 26.9 | 32.7 | 45.8 | 54.1 | 63.0 | 72.0 | 76.7 | 73.4 | 67.1 | 54.3 | 41.6   | 31.8 | 26.9 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1974 | 1981 | 1987 | 1998 | 1980 | 1983 | 1998 | 1984 | 1985 | 1984 | 1980   | 1980 |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1997 | 1972 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   | 1977 |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.8          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | -0.3 | 0.3  | 0.4  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 018                     | BESSEMER 3 WS |                         |                    | HIGHEST MEAN | 51.8 | 55.1 | 59.7 | 67.1 | 74.5 | 81.4 | 84.5 | 84.3 | 79.1 | 69.1 | 61.6   | 54.6 | 84.5 |
|                         |               |                         |                    | MEDIAN       | 42.9 | 47.2 | 54.4 | 61.8 | 70.0 | 77.3 | 80.5 | 79.6 | 73.7 | 63.0 | 53.8   | 45.8 | 62.6 |
|                         |               |                         |                    | LOWEST MEAN  | 31.7 | 38.4 | 49.2 | 57.6 | 65.1 | 73.8 | 77.7 | 75.8 | 70.2 | 57.3 | 45.7   | 38.0 | 31.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1981 | 1991 | 1981 | 1980 | 1995 | 1998 | 1984 | 1985 | 1971 | 1980   | 1980 |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1993 | 1976 | 1974 | 1994 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   | 1977 |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | 020                     | BIRMINGHAM IN      | HIGHEST MEAN | 52.1 | 54.5 | 60.6 | 67.2 | 74.3 | 80.3 | 83.8 | 84.8 | 78.2 | 71.1 | 61.0   | 54.3 | 84.8 |
|                         |               |                         |                    | MEDIAN       | 42.8 | 46.7 | 54.5 | 60.8 | 69.0 | 76.7 | 80.3 | 78.8 | 73.8 | 62.8 | 52.6   | 45.5 | 61.9 |
|                         |               |                         |                    | LOWEST MEAN  | 30.9 | 36.7 | 48.0 | 56.6 | 63.5 | 71.9 | 76.5 | 75.6 | 69.5 | 56.8 | 44.9   | 38.0 | 30.9 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1974 | 1999 | 2000 | 1998 | 1993 | 1995 | 1998 | 1984 | 1985 | 1984 | 1995   | 1995 |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   | 1977 |      |
| MIN OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| 023                     | BREWTON 3 ENE |                         |                    | HIGHEST MEAN | 59.9 | 55.3 | 65.3 | 69.5 | 75.9 | 83.2 | 83.6 | 83.2 | 79.4 | 70.1 | 64.2   | 57.5 | 83.6 |
|                         |               |                         |                    | MEDIAN       | 46.8 | 50.0 | 57.1 | 63.6 | 71.5 | 78.0 | 80.5 | 79.6 | 74.8 | 65.0 | 55.6   | 48.8 | 64.3 |
|                         |               |                         |                    | LOWEST MEAN  | 37.6 | 41.2 | 52.6 | 58.9 | 67.7 | 75.6 | 76.8 | 76.6 | 71.3 | 57.6 | 47.6   | 40.2 | 37.6 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 1998 | 1999 | 1980 | 1984 | 1985 | 1971 | 1998   | 1998 |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1983 | 1983 | 1976 | 1976 | 1994 | 1994 | 1975 | 1987 | 1976 | 1989 | 1977   | 1977 |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 0.9          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | 0.1  | 0.3  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 024                     | BREWTON 3 SSE      | HIGHEST MEAN | 61.0 | 56.3 | 65.0 | 69.3 | 74.7 | 81.5 | 83.0 | 82.2 | 80.6 | 71.1 | 63.7   | 58.7 | 83.0 |
|                         |               |                         |                    | MEDIAN       | 47.1 | 50.9 | 57.3 | 63.6 | 71.0 | 77.2 | 80.3 | 79.6 | 74.8 | 65.0 | 56.2   | 48.4 | 64.7 |
|                         |               |                         |                    | LOWEST MEAN  | 38.8 | 42.7 | 51.2 | 58.9 | 65.7 | 73.1 | 77.5 | 74.4 | 71.2 | 57.3 | 48.3   | 41.4 | 38.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1975         | 1997 | 1999 | 1991 | 1998 | 2000 | 1999 | 1980 | 1984 | 1985 | 1971 | 2000   | 2000 |      |
| LOWEST MEAN YEAR        | 1978          |                         |                    | 1978         | 1993 | 1993 | 1993 | 1990 | 1992 | 1992 | 1975 | 1987 | 1991 | 1989 | 1978   | 1978 |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 0.9          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | 0.1  | 0.3  | 0.4  | 1.2  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 025                     | BRIDGEPORT 5  |                         |                    | HIGHEST MEAN | 48.6 | 49.5 | 56.1 | 63.3 | 71.5 | 76.8 | 81.2 | 80.5 | 75.2 | 65.6 | 56.0   | 48.8 | 81.2 |
|                         |               |                         |                    | MEDIAN       | 38.9 | 42.3 | 49.9 | 57.7 | 65.9 | 74.3 | 77.7 | 76.4 | 70.5 | 58.9 | 49.7   | 41.1 | 58.4 |
|                         |               |                         |                    | LOWEST MEAN  | 26.9 | 32.9 | 44.8 | 52.1 | 60.6 | 69.9 | 74.9 | 72.6 | 66.8 | 50.7 | 42.3   | 32.6 | 26.9 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1973 | 1999 | 1987 | 1981 | 1993 | 1995 | 1998 | 1984 | 1985 | 1984 | 1993   | 1993 |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1971 | 1992 | 1985 | 1987 | 1976 | 1989 | 1977   | 1977 |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.2                | 1.8          | 1.7  | 1.0  | 0.9  | 0.1  | 0.4  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 030                     | CAMDEN 3 NW        | HIGHEST MEAN | 54.1 | 55.5 | 64.6 | 69.3 | 76.0 | 82.1 | 83.8 | 83.9 | 79.7 | 70.9 | 62.3   | 56.4 | 83.9 |
|                         |               |                         |                    | MEDIAN       | 44.7 | 49.5 | 56.8 | 62.9 | 71.2 | 77.7 | 80.1 | 79.9 | 74.9 | 64.6 | 54.6   | 46.7 | 63.5 |
|                         |               |                         |                    | LOWEST MEAN  | 35.1 | 39.8 | 50.6 | 59.4 | 66.1 | 72.0 | 76.3 | 76.1 | 70.1 | 58.7 | 45.9   | 39.4 | 35.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1984 | 1985 | 1984 | 1999   | 1999 |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1973 | 1976 | 1974 | 1972 | 1973 | 1974 | 1976 | 1976 | 1989 | 1977   | 1977 |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.7          | 1.0  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | 0.2  | 0.3  | 0.4  | 1.2  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 031                     | CAMP HILL 2 N |                         |                    | HIGHEST MEAN | 53.1 | 51.3 | 59.0 | 65.1 | 72.6 | 78.1 | 81.1 | 80.2 | 76.1 | 66.4 | 59.2   | 52.3 | 81.1 |
|                         |               |                         |                    | MEDIAN       | 41.2 | 44.8 | 52.7 | 59.2 | 67.3 | 74.7 | 78.7 | 77.0 | 71.8 | 60.5 | 51.3   | 43.4 | 60.0 |
|                         |               |                         |                    | LOWEST MEAN  | 29.8 | 35.8 | 45.5 | 54.7 | 62.9 | 71.3 | 75.6 | 74.7 | 68.1 | 54.7 | 43.3   | 35.1 | 29.8 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1991 | 1991 | 1998 | 1980 | 1995 | 1980 | 1984 | 1985 | 1984 | 1980   | 1980 |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1971 | 1974 | 1971 | 1992 | 1974 | 1987 | 1976 | 2000 | 1977   | 1977 |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.0                | 1.6          | 1.6  | 1.5  | 1.2  | 0.9  | 0.6  | 0.4  | 0.6  | 0.7  | 1.0  | 0.9  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 033                     | CENTRE 4 SW        | HIGHEST MEAN | 49.2 | 51.3 | 58.0 | 64.6 | 73.2 | 78.7 | 82.9 | 82.1 | 76.6 | 67.0 | 60.7   | 52.0 | 82.9 |
|                         |               |                         |                    | MEDIAN       | 40.4 | 44.2 | 52.2 | 59.5 | 67.9 | 76.0 | 79.5 | 77.9 | 71.8 | 61.7 | 52.1   | 43.1 | 60.4 |
|                         |               |                         |                    | LOWEST MEAN  | 29.1 | 35.4 | 45.5 | 54.3 | 63.1 | 71.3 | 76.6 | 75.1 | 68.8 | 56.3 | 43.6   | 35.4 | 29.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 1987 | 1981 | 1980 | 1980 | 1980 | 1971 | 1985 | 1984 | 1980   | 1980 |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1984 | 1992 | 1981 | 1987 | 1976 | 2000 | 1977   | 1977 |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.8          | 1.8  | 1.0  | 0.9  | 0.7  | 0.5  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |

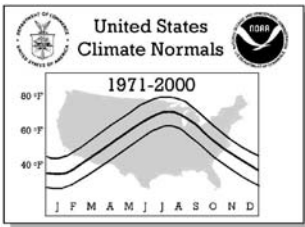


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 034                     | CENTREVILLE 6 | HIGHEST MEAN            | 54.1               | 55.1         | 60.1 | 66.7 | 74.3 | 80.6 | 83.4 | 83.0 | 78.0 | 70.3 | 61.2 | 55.6 | 83.4   |      |      |
|                         |               | MEDIAN                  | 44.0               | 46.9         | 56.0 | 62.2 | 69.8 | 77.4 | 80.2 | 79.3 | 74.1 | 63.0 | 53.5 | 45.3 | 62.8   |      |      |
|                         |               | LOWEST MEAN             | 32.4               | 38.1         | 49.6 | 57.4 | 65.0 | 72.7 | 77.9 | 76.9 | 69.7 | 58.3 | 45.9 | 37.5 | 32.4   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1981 | 1987 | 1981 | 1993 | 1987 | 1986 | 1984 | 1985 | 1984 | 1993   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1997 | 1976 | 1974 | 1972 | 1992 | 1974 | 1976 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.4                | 1.7          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | 0.2  | 0.4  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 035                     | CHATOM             | HIGHEST MEAN | 60.4 | 58.4 | 65.0 | 71.3 | 76.8 | 83.0 | 84.4 | 85.5 | 81.2 | 70.4 | 64.3   | 60.5 | 85.5 |
|                         |               |                         |                    | MEDIAN       | 48.4 | 52.5 | 58.4 | 64.6 | 72.2 | 78.3 | 80.7 | 80.6 | 75.5 | 65.8 | 56.9   | 49.9 | 65.6 |
|                         |               |                         |                    | LOWEST MEAN  | 39.4 | 44.4 | 53.2 | 56.3 | 67.7 | 74.1 | 76.0 | 75.2 | 70.4 | 59.6 | 49.8   | 40.9 | 39.4 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1996 | 1980 | 1985 | 1985 | 1971 | 1996   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1993 | 1993 | 1993 | 1993 | 1992 | 1992 | 1975 | 1992 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | -1.0          |                         |                    | -0.9         | -0.8 | -0.4 | -0.4 | -0.3 | -0.2 | -0.2 | -0.4 | -0.6 | -0.9 | -1.0 |        |      |      |
| MAX OBS TIME ADJUSTMENT | -0.8          |                         |                    | -1.1         | -1.0 | -0.7 | -0.7 | -0.5 | -0.4 | -0.4 | -0.7 | -0.7 | -0.5 | -0.8 |        |      |      |
| 036                     | CHILDERSBURG  |                         |                    | HIGHEST MEAN | 56.6 | 55.7 | 62.6 | 68.3 | 74.6 | 81.5 | 83.6 | 83.1 | 78.3 | 70.0 | 62.8   | 56.0 | 83.6 |
|                         |               |                         |                    | MEDIAN       | 44.5 | 48.7 | 56.5 | 62.7 | 70.3 | 77.2 | 80.2 | 79.2 | 73.4 | 63.5 | 54.4   | 47.4 | 63.6 |
|                         |               |                         |                    | LOWEST MEAN  | 34.8 | 40.5 | 51.1 | 58.4 | 65.8 | 73.7 | 78.2 | 75.4 | 70.9 | 57.1 | 47.2   | 40.1 | 34.8 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1999 | 2000 | 1981 | 1980 | 1983 | 1980 | 1984 | 1985 | 1984 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1993 | 1997 | 1976 | 1974 | 1972 | 1992 | 1996 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.1               | -1.0         | -0.9 | -0.6 | -0.5 | -0.3 | -0.3 | -0.3 | -0.5 | -0.7 | -1.1 | -1.2 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -1.9               | -1.8         | -2.1 | -1.8 | -1.4 | -1.0 | -0.8 | -0.8 | -1.2 | -1.7 | -1.4 | -1.8 |        |      |      |
|                         |               | 038                     | CLANTON            | HIGHEST MEAN | 53.5 | 53.1 | 60.5 | 66.3 | 73.0 | 79.5 | 81.8 | 83.0 | 77.0 | 68.2 | 60.7   | 55.0 | 83.0 |
|                         |               |                         |                    | MEDIAN       | 42.4 | 46.4 | 54.7 | 60.7 | 68.7 | 76.2 | 79.2 | 77.8 | 72.5 | 62.2 | 52.6   | 44.5 | 61.8 |
|                         |               |                         |                    | LOWEST MEAN  | 32.1 | 37.7 | 49.4 | 56.8 | 63.8 | 72.6 | 76.2 | 75.2 | 69.4 | 56.5 | 44.8   | 36.3 | 32.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1981 | 1995 | 1995 | 1972 | 1984 | 1985 | 1971 | 1995   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1975 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.7          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.3  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 039                     | CLAYTON       |                         |                    | HIGHEST MEAN | 60.2 | 56.4 | 62.2 | 67.9 | 74.3 | 81.9 | 83.1 | 83.2 | 79.3 | 71.8 | 64.1   | 58.2 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 46.2 | 49.3 | 57.5 | 62.8 | 70.2 | 77.1 | 79.5 | 78.5 | 74.6 | 64.7 | 56.2   | 48.8 | 63.9 |
|                         |               |                         |                    | LOWEST MEAN  | 36.1 | 40.5 | 50.8 | 57.3 | 66.7 | 72.2 | 77.3 | 76.9 | 70.5 | 59.6 | 48.8   | 40.7 | 36.1 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1976 | 1991 | 1991 | 1998 | 1986 | 1990 | 1972 | 1985 | 1985 | 1971 | 1990   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1983 | 1983 | 1971 | 1983 | 1994 | 1984 | 1983 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.0                | 1.5          | 1.6  | 1.3  | 1.1  | 0.8  | 0.5  | 0.4  | 0.5  | 0.6  | 0.9  | 0.9  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 040                     | CODEN              | HIGHEST MEAN | 60.0 | 57.7 | 63.8 | 69.8 | 75.5 | 81.2 | 83.0 | 82.8 | 80.8 | 71.4 | 65.1   | 59.6 | 83.0 |
|                         |               |                         |                    | MEDIAN       | 49.0 | 52.4 | 57.2 | 64.3 | 72.0 | 78.0 | 80.9 | 80.6 | 76.4 | 67.3 | 58.4   | 51.8 | 65.8 |
|                         |               |                         |                    | LOWEST MEAN  | 42.1 | 44.7 | 53.3 | 60.6 | 69.2 | 74.9 | 77.9 | 78.2 | 72.4 | 61.5 | 50.7   | 43.2 | 42.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 1991 | 1981 | 1981 | 1999 | 1980 | 1985 | 1985 | 1982 | 1981   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1996 | 1993 | 1976 | 1976 | 1975 | 1992 | 1983 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.4          | 1.7  | 0.7  | 0.7  | 0.5  | 0.3  | 0.2  | 0.3  | 0.6  | 1.1  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.2          | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 045                     | DAUPHIN ISLAN |                         |                    | HIGHEST MEAN | 60.1 | 59.4 | 65.6 | 71.6 | 78.7 | 83.0 | 85.1 | 86.2 | 82.9 | 76.2 | 68.6   | 61.9 | 86.2 |
|                         |               |                         |                    | MEDIAN       | 51.4 | 53.9 | 61.0 | 67.5 | 75.7 | 80.8 | 83.1 | 82.5 | 79.6 | 70.8 | 61.5   | 53.9 | 68.5 |
|                         |               |                         |                    | LOWEST MEAN  | 41.7 | 44.5 | 56.2 | 61.3 | 71.9 | 77.0 | 81.0 | 80.9 | 76.0 | 66.0 | 53.9   | 45.5 | 41.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 2000 | 1999 | 1998 | 1998 | 2000 | 1999 | 1972 | 1984 | 1985 | 1971 | 1999   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1978 | 1983 | 1976 | 1983 | 1994 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.7                | 0.9          | -0.1 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.3 | -0.4 | 0.5  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 046                     | DEMOPOLIS LOC      | HIGHEST MEAN | 55.1 | 55.8 | 61.7 | 69.2 | 75.1 | 82.4 | 83.4 | 82.9 | 80.2 | 69.4 | 60.5   | 56.5 | 83.4 |
|                         |               |                         |                    | MEDIAN       | 44.2 | 47.9 | 55.6 | 61.9 | 70.3 | 77.6 | 80.4 | 79.7 | 74.6 | 63.3 | 53.6   | 46.3 | 63.1 |
|                         |               |                         |                    | LOWEST MEAN  | 33.8 | 38.8 | 50.5 | 58.3 | 65.5 | 73.2 | 75.4 | 75.7 | 69.4 | 57.6 | 46.5   | 38.6 | 33.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 1980 | 2000 | 1980 | 1984 | 1978 | 1971 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1996 | 1983 | 1976 | 1974 | 1996 | 1996 | 1996 | 1987 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.7          | 1.9  | 0.9  | 0.8  | 0.6  | 0.4  | 0.3  | 0.5  | 0.8  | 1.1  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 049                     | ENTERPRISE 5  |                         |                    | HIGHEST MEAN | 63.1 | 58.8 | 65.6 | 70.1 | 77.2 | 82.7 | 84.1 | 83.6 | 82.3 | 71.6 | 64.3   | 59.8 | 84.1 |
|                         |               |                         |                    | MEDIAN       | 48.2 | 51.8 | 58.6 | 64.2 | 72.1 | 78.0 | 80.7 | 80.0 | 75.8 | 67.5 | 58.5   | 51.0 | 65.5 |
|                         |               |                         |                    | LOWEST MEAN  | 40.1 | 43.4 | 52.7 | 60.7 | 68.7 | 74.5 | 77.3 | 77.1 | 73.4 | 61.1 | 49.8   | 43.3 | 40.1 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1984 | 1978 | 1971 | 2000   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1971 | 1997 | 1985 | 1992 | 1983 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.2                | 1.6          | 1.7  | 0.8  | 0.8  | 0.5  | 0.4  | 0.2  | 0.2  | 0.7  | 1.0  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 050                     | EUFAULA WILDL      | HIGHEST MEAN | 59.2 | 57.1 | 63.8 | 67.2 | 75.0 | 82.5 | 83.3 | 82.7 | 78.2 | 71.0 | 62.4   | 57.0 | 83.3 |
|                         |               |                         |                    | MEDIAN       | 45.7 | 49.5 | 56.9 | 62.4 | 70.4 | 77.2 | 80.3 | 78.9 | 74.9 | 64.1 | 54.7   | 48.4 | 63.8 |
|                         |               |                         |                    | LOWEST MEAN  | 37.8 | 40.9 | 51.5 | 58.4 | 66.0 | 74.3 | 77.1 | 77.1 | 71.5 | 58.1 | 47.2   | 40.1 | 37.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1991 | 2000 | 1998 | 1986 | 1987 | 1980 | 1984 | 1985 | 1971 | 1986   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1997 | 1994 | 1976 | 1983 | 1976 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 0.9          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | -0.3 | 0.3  | 0.4  | 1.2  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |

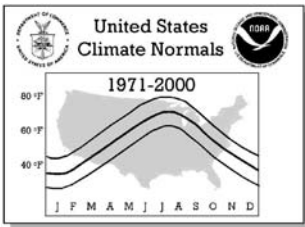


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 051                     | EVERGREEN     | HIGHEST MEAN            | 59.9               | 56.6         | 63.5 | 69.3 | 76.1 | 81.4 | 83.8 | 83.1 | 80.7 | 72.5 | 63.9 | 62.2 | 83.8   |      |      |
|                         |               | MEDIAN                  | 47.6               | 50.8         | 58.0 | 63.4 | 71.8 | 77.8 | 80.6 | 80.5 | 75.8 | 66.0 | 55.8 | 49.2 | 65.2   |      |      |
|                         |               | LOWEST MEAN             | 37.7               | 42.2         | 52.1 | 59.7 | 67.6 | 74.0 | 76.8 | 76.9 | 73.4 | 60.8 | 49.0 | 40.6 | 37.7   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 1981 | 1999 | 1980 | 1984 | 1985 | 1971 | 1981   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1997 | 1976 | 1997 | 1994 | 1994 | 1996 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.6          | 1.7  | 0.8  | 0.8  | 0.6  | 0.4  | 0.2  | 0.4  | 0.7  | 1.0  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 052                     | FAIRHOPE 2 NE      | HIGHEST MEAN | 62.6 | 58.5 | 65.9 | 71.1 | 77.5 | 82.8 | 84.5 | 84.0 | 80.9 | 72.9 | 66.5   | 61.1 | 84.5 |
|                         |               |                         |                    | MEDIAN       | 49.9 | 53.2 | 59.8 | 65.7 | 73.1 | 79.0 | 81.3 | 80.9 | 77.1 | 68.3 | 59.0   | 51.7 | 66.8 |
|                         |               |                         |                    | LOWEST MEAN  | 41.2 | 43.9 | 55.0 | 61.7 | 69.4 | 76.7 | 79.1 | 78.9 | 73.7 | 62.2 | 51.0   | 43.5 | 41.2 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1984 | 1985 | 1971 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1983 | 1983 | 1976 | 1983 | 1975 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.5          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | 0.1  | 0.3  | 0.5  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 053                     | FALKVILLE 1 E |                         |                    | HIGHEST MEAN | 49.4 | 49.0 | 56.5 | 65.8 | 71.7 | 78.5 | 81.9 | 81.9 | 76.7 | 67.5 | 58.5   | 51.0 | 81.9 |
|                         |               |                         |                    | MEDIAN       | 39.8 | 43.1 | 51.7 | 58.3 | 66.5 | 75.5 | 78.8 | 77.2 | 71.0 | 60.6 | 50.2   | 42.5 | 59.8 |
|                         |               |                         |                    | LOWEST MEAN  | 27.8 | 33.0 | 45.2 | 52.5 | 62.0 | 70.5 | 76.0 | 72.6 | 67.2 | 54.3 | 42.1   | 31.1 | 27.8 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1976         | 1997 | 1981 | 1987 | 1998 | 1980 | 1980 | 1998 | 1984 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1990 | 1976 | 1974 | 1976 | 1976 | 1976 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.8          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.4  | 0.4  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 054                     | FAYETTE            | HIGHEST MEAN | 50.2 | 52.5 | 59.1 | 66.3 | 73.2 | 80.2 | 83.9 | 82.9 | 77.7 | 67.7 | 60.5   | 53.7 | 83.9 |
|                         |               |                         |                    | MEDIAN       | 41.5 | 44.7 | 53.3 | 60.3 | 68.1 | 76.6 | 80.4 | 79.1 | 73.0 | 61.5 | 51.9   | 44.1 | 61.5 |
|                         |               |                         |                    | LOWEST MEAN  | 30.8 | 36.1 | 47.7 | 56.4 | 61.1 | 72.3 | 76.9 | 75.3 | 69.3 | 55.2 | 44.4   | 35.4 | 30.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1973 | 1999 | 1987 | 1998 | 1980 | 1980 | 1978 | 1984 | 1978 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1971 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.4           |                         |                    | 1.8          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.3  | 0.5  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 056                     | FRISCO CITY 3 |                         |                    | HIGHEST MEAN | 58.4 | 56.6 | 63.4 | 69.1 | 76.2 | 82.0 | 83.2 | 82.3 | 80.0 | 71.9 | 64.3   | 59.7 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 47.2 | 50.4 | 57.8 | 63.9 | 71.6 | 77.8 | 80.3 | 79.4 | 75.6 | 66.1 | 56.8   | 48.5 | 64.8 |
|                         |               |                         |                    | LOWEST MEAN  | 36.7 | 40.6 | 52.2 | 60.6 | 67.5 | 75.0 | 77.4 | 77.1 | 70.1 | 60.0 | 48.3   | 42.2 | 36.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1990 | 1972 | 1984 | 1985 | 1971 | 2000   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1993 | 1976 | 1997 | 1994 | 1992 | 1981 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.6          | 1.0  | 0.0  | 0.1  | 0.0  | 0.0  | -0.1 | 0.2  | 0.3  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 057                     | GADSDEN            | HIGHEST MEAN | 49.5 | 51.5 | 58.0 | 65.8 | 73.1 | 79.7 | 83.7 | 82.9 | 79.3 | 69.3 | 60.1   | 52.1 | 83.7 |
|                         |               |                         |                    | MEDIAN       | 40.4 | 43.8 | 52.3 | 60.0 | 68.0 | 76.2 | 79.9 | 78.4 | 72.7 | 62.2 | 51.4   | 42.8 | 60.7 |
|                         |               |                         |                    | LOWEST MEAN  | 29.6 | 35.7 | 46.0 | 56.9 | 63.2 | 71.9 | 75.6 | 74.6 | 68.6 | 56.1 | 45.0   | 34.5 | 29.6 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 2000 | 1998 | 1980 | 1983 | 1998 | 1984 | 1985 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1993 | 1976 | 1974 | 1972 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.8          | 1.8  | 1.0  | 0.9  | 0.7  | 0.5  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 058                     | GAINESVILLE L |                         |                    | HIGHEST MEAN | 51.7 | 54.5 | 60.1 | 67.9 | 74.2 | 81.8 | 83.8 | 83.5 | 80.6 | 68.4 | 60.0   | 54.4 | 83.8 |
|                         |               |                         |                    | MEDIAN       | 43.3 | 46.8 | 54.8 | 61.0 | 69.7 | 77.3 | 81.0 | 80.2 | 74.4 | 63.2 | 53.2   | 45.6 | 62.5 |
|                         |               |                         |                    | LOWEST MEAN  | 32.4 | 37.6 | 48.9 | 57.0 | 64.2 | 73.1 | 76.9 | 76.6 | 70.6 | 58.4 | 45.2   | 37.2 | 32.4 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 1987 | 1998 | 1980 | 1980 | 1980 | 1984 | 1978 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1973 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.7          | 1.9  | 0.9  | 0.8  | 0.6  | 0.4  | 0.2  | 0.5  | 0.8  | 1.1  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 059                     | GENEVA NO 2        | HIGHEST MEAN | 60.3 | 57.7 | 64.7 | 68.0 | 74.5 | 83.0 | 82.4 | 81.7 | 79.1 | 70.8 | 64.4   | 58.1 | 83.0 |
|                         |               |                         |                    | MEDIAN       | 47.6 | 51.0 | 58.0 | 63.6 | 71.3 | 77.4 | 79.9 | 79.1 | 75.0 | 65.4 | 56.3   | 48.9 | 64.7 |
|                         |               |                         |                    | LOWEST MEAN  | 36.8 | 40.9 | 53.2 | 60.3 | 67.8 | 74.7 | 77.0 | 77.4 | 72.1 | 59.2 | 47.8   | 42.6 | 36.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 1986 | 1999 | 1980 | 1985 | 1985 | 1971 | 1998   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1993 | 1981 | 1997 | 1984 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.6          | 1.7  | 0.8  | 0.8  | 0.5  | 0.4  | 0.2  | 0.2  | 0.7  | 1.0  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.2  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 062                     | GREENSBORO    |                         |                    | HIGHEST MEAN | 54.9 | 56.1 | 63.1 | 68.6 | 76.5 | 82.7 | 85.0 | 85.8 | 80.6 | 70.7 | 62.5   | 56.6 | 85.8 |
|                         |               |                         |                    | MEDIAN       | 46.1 | 49.7 | 57.4 | 63.3 | 71.3 | 78.7 | 81.8 | 81.0 | 76.3 | 65.5 | 55.4   | 48.2 | 64.5 |
|                         |               |                         |                    | LOWEST MEAN  | 35.3 | 40.9 | 50.9 | 59.9 | 67.0 | 74.2 | 78.8 | 78.4 | 72.3 | 59.3 | 48.0   | 39.8 | 35.3 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1981 | 1996 | 1998 | 1993 | 1995 | 1998 | 1984 | 1985 | 1984 | 1995   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1971 | 1984 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.0               | -1.0         | -0.9 | -0.5 | -0.4 | -0.3 | -0.3 | -0.3 | -0.5 | -0.6 | -0.9 | -1.0 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -0.8               | -1.2         | -1.1 | -0.9 | -0.7 | -0.6 | -0.5 | -0.4 | -0.9 | -0.8 | -0.5 | -0.7 |        |      |      |
|                         |               | 063                     | GREENVILLE         | HIGHEST MEAN | 60.4 | 58.0 | 65.8 | 69.2 | 76.0 | 82.1 | 84.1 | 83.0 | 79.7 | 72.3 | 64.8   | 60.1 | 84.1 |
|                         |               |                         |                    | MEDIAN       | 48.3 | 51.8 | 59.2 | 64.6 | 72.2 | 78.4 | 81.3 | 80.4 | 75.9 | 66.7 | 57.7   | 49.5 | 65.6 |
|                         |               |                         |                    | LOWEST MEAN  | 38.1 | 42.2 | 54.1 | 60.1 | 67.3 | 75.6 | 78.7 | 77.1 | 72.0 | 59.8 | 49.3   | 42.8 | 38.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 1998 | 1998 | 2000 | 1995 | 1980 | 1984 | 1985 | 1984 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1976 | 1994 | 1992 | 1975 | 1976 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | -1.0          |                         |                    | -0.8         | -0.8 | -0.5 | -0.4 | -0.3 | -0.2 | -0.2 | -0.4 | -0.6 | -0.9 | -1.0 |        |      |      |
| MAX OBS TIME ADJUSTMENT | -0.8          |                         |                    | -0.6         | -1.0 | -0.8 | -0.8 | -0.5 | -0.4 | -0.4 | -0.5 | -0.7 | -0.5 | -0.9 |        |      |      |

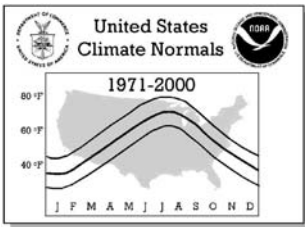


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 064                     | GUNTERSVILLE  | HIGHEST MEAN            | 50.2               | 55.5         | 58.8 | 64.8 | 72.3 | 79.4 | 82.9 | 81.9 | 78.5 | 67.2 | 56.4 | 50.4 | 82.9   |      |      |
|                         |               | MEDIAN                  | 39.7               | 43.1         | 52.3 | 59.2 | 67.6 | 75.9 | 79.1 | 78.2 | 71.4 | 61.4 | 51.3 | 41.9 | 60.0   |      |      |
|                         |               | LOWEST MEAN             | 29.7               | 33.2         | 46.2 | 54.7 | 63.0 | 71.9 | 75.2 | 73.1 | 67.9 | 54.7 | 42.4 | 34.8 | 29.7   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1990               | 1990         | 1974 | 1999 | 2000 | 1998 | 1980 | 1999 | 1998 | 1998 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1978 | 1983 | 1976 | 1974 | 1972 | 1986 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.1                | 1.5          | 1.6  | 1.6  | 1.4  | 1.0  | 0.6  | 0.5  | 0.6  | 0.7  | 1.0  | 0.8  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.2 | 0.0  | 0.1  |        |      |      |
|                         |               | 065                     | HALEYVILLE         | HIGHEST MEAN | 47.7 | 49.7 | 56.7 | 65.7 | 73.4 | 79.0 | 82.5 | 82.6 | 78.0 | 67.4 | 57.4   | 51.4 | 82.6 |
|                         |               |                         |                    | MEDIAN       | 39.4 | 42.2 | 52.0 | 59.2 | 66.8 | 74.9 | 77.7 | 76.9 | 71.9 | 60.4 | 50.3   | 42.1 | 59.5 |
|                         |               |                         |                    | LOWEST MEAN  | 26.8 | 32.1 | 44.3 | 54.7 | 61.7 | 69.5 | 75.4 | 73.2 | 64.9 | 53.9 | 41.3   | 32.1 | 26.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 2000         | 1974 | 1999 | 1998 | 1998 | 1980 | 2000 | 1998 | 1984 | 1985 | 1984 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1996 | 1983 | 1976 | 1974 | 1976 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.4           |                         |                    | 1.9          | 1.2  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.4  | 0.5  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 066                     | HAMILTON 3 S  |                         |                    | HIGHEST MEAN | 48.9 | 49.9 | 57.6 | 64.5 | 72.5 | 79.1 | 82.6 | 81.6 | 76.7 | 66.7 | 57.2   | 51.1 | 82.6 |
|                         |               |                         |                    | MEDIAN       | 39.5 | 42.8 | 51.1 | 58.8 | 66.8 | 75.1 | 78.9 | 77.5 | 72.0 | 60.0 | 49.5   | 41.7 | 59.8 |
|                         |               |                         |                    | LOWEST MEAN  | 28.3 | 33.1 | 45.5 | 53.7 | 61.6 | 70.6 | 76.4 | 74.4 | 67.6 | 53.5 | 41.3   | 32.0 | 28.3 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1999 | 1987 | 1998 | 1980 | 2000 | 1998 | 1984 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.4                | 1.9          | 1.2  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.4  | 0.5  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 068                     | HEADLAND           | HIGHEST MEAN | 62.2 | 56.3 | 64.9 | 70.1 | 76.5 | 83.6 | 84.3 | 82.8 | 80.9 | 72.4 | 64.3   | 59.0 | 84.3 |
|                         |               |                         |                    | MEDIAN       | 46.7 | 51.7 | 58.5 | 65.1 | 73.2 | 79.2 | 81.0 | 80.4 | 75.7 | 65.4 | 57.2   | 49.6 | 65.3 |
|                         |               |                         |                    | LOWEST MEAN  | 38.3 | 42.8 | 53.0 | 60.5 | 69.8 | 75.4 | 77.3 | 77.2 | 73.6 | 59.4 | 50.0   | 41.5 | 38.3 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 1996 | 1981 | 1981 | 1987 | 1980 | 1984 | 1986 | 1971 | 1981   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1993 | 1999 | 1997 | 1994 | 1994 | 1996 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.6          | 1.7  | 0.8  | 0.8  | 0.5  | 0.4  | 0.2  | 0.2  | 0.7  | 1.0  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 069                     | HEFLIN        |                         |                    | HIGHEST MEAN | 52.1 | 51.1 | 58.4 | 64.0 | 72.5 | 79.1 | 83.3 | 81.6 | 76.6 | 66.5 | 59.4   | 52.7 | 83.3 |
|                         |               |                         |                    | MEDIAN       | 41.3 | 44.6 | 52.4 | 59.3 | 67.4 | 74.8 | 78.4 | 77.8 | 71.3 | 60.6 | 51.2   | 43.4 | 60.2 |
|                         |               |                         |                    | LOWEST MEAN  | 29.8 | 37.2 | 47.3 | 53.5 | 63.1 | 71.2 | 75.7 | 74.1 | 69.3 | 55.3 | 43.3   | 35.5 | 29.8 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1981 | 1987 | 1981 | 1980 | 1980 | 1973 | 1984 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1983 | 1976 | 1997 | 1994 | 1992 | 1994 | 1987 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.4                | 1.0          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | -0.3 | 0.4  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 070                     | HIGHLAND HOME      | HIGHEST MEAN | 58.1 | 55.9 | 63.3 | 67.1 | 74.8 | 81.0 | 82.5 | 81.9 | 78.7 | 70.6 | 62.2   | 58.3 | 82.5 |
|                         |               |                         |                    | MEDIAN       | 45.6 | 49.2 | 56.6 | 62.6 | 70.3 | 77.0 | 79.4 | 78.6 | 74.4 | 65.1 | 55.7   | 47.7 | 63.6 |
|                         |               |                         |                    | LOWEST MEAN  | 35.8 | 40.9 | 50.4 | 58.0 | 65.9 | 73.6 | 77.0 | 76.3 | 70.7 | 59.8 | 48.7   | 41.1 | 35.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1984 | 1978 | 1971 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1996 | 1983 | 1976 | 1997 | 1994 | 1992 | 1975 | 1976 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.0          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | -0.2 | 0.3  | 0.4  | 1.2  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 074                     | HUNTSVILLE IN |                         |                    | HIGHEST MEAN | 48.4 | 51.9 | 57.5 | 66.1 | 73.4 | 80.5 | 83.2 | 82.8 | 78.2 | 68.5 | 58.1   | 51.8 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 40.0 | 44.3 | 52.9 | 59.9 | 68.0 | 76.6 | 79.5 | 78.0 | 72.1 | 61.5 | 50.9   | 42.9 | 60.3 |
|                         |               |                         |                    | LOWEST MEAN  | 28.3 | 33.7 | 47.1 | 55.4 | 63.2 | 70.5 | 75.8 | 74.2 | 68.0 | 54.7 | 42.3   | 33.7 | 28.3 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1973 | 1981 | 1987 | 1998 | 1993 | 1983 | 1998 | 1984 | 1985 | 1984 | 1993   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | 076                     | JACKSON            | HIGHEST MEAN | 58.4 | 58.2 | 63.1 | 70.9 | 76.7 | 81.3 | 83.9 | 83.7 | 80.6 | 71.5 | 64.1   | 59.3 | 83.9 |
|                         |               |                         |                    | MEDIAN       | 47.5 | 51.0 | 58.0 | 64.1 | 72.0 | 78.3 | 80.9 | 80.7 | 75.8 | 65.8 | 56.0   | 49.9 | 65.3 |
|                         |               |                         |                    | LOWEST MEAN  | 38.4 | 42.1 | 52.9 | 59.8 | 67.6 | 75.3 | 79.5 | 78.6 | 72.6 | 59.9 | 48.6   | 41.7 | 38.4 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1991 | 1991 | 1998 | 1980 | 1993 | 1980 | 1984 | 1985 | 1971 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1983 | 1983 | 1976 | 1974 | 1972 | 1973 | 1975 | 1987 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.4           |                         |                    | 1.6          | 1.0  | 0.0  | 0.1  | 0.1  | 0.0  | -0.1 | 0.2  | 0.3  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 078                     | JASPER        |                         |                    | HIGHEST MEAN | 50.4 | 51.9 | 59.2 | 65.2 | 72.5 | 79.6 | 83.9 | 83.3 | 77.2 | 67.6 | 59.6   | 51.4 | 83.9 |
|                         |               |                         |                    | MEDIAN       | 41.2 | 44.1 | 53.5 | 60.1 | 67.9 | 76.0 | 79.5 | 78.5 | 72.8 | 61.3 | 51.7   | 43.2 | 60.8 |
|                         |               |                         |                    | LOWEST MEAN  | 29.7 | 35.4 | 46.5 | 56.4 | 62.6 | 72.0 | 77.1 | 74.5 | 70.1 | 54.8 | 43.5   | 34.5 | 29.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1973 | 1981 | 2000 | 1998 | 1980 | 1995 | 1998 | 1984 | 1985 | 1984 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1997 | 1976 | 1974 | 1994 | 1992 | 1975 | 1987 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.7                | 1.0          | -0.1 | -0.4 | -0.3 | -0.2 | -0.2 | -0.3 | -0.3 | -0.4 | -0.5 | 0.4  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 082                     | LAFAYETTE 2 W      | HIGHEST MEAN | 54.7 | 51.9 | 60.1 | 65.3 | 72.6 | 79.2 | 81.3 | 81.5 | 77.1 | 69.5 | 61.8   | 55.4 | 81.5 |
|                         |               |                         |                    | MEDIAN       | 42.9 | 46.6 | 53.8 | 60.6 | 68.1 | 75.3 | 78.8 | 78.1 | 72.7 | 62.1 | 52.4   | 44.5 | 61.5 |
|                         |               |                         |                    | LOWEST MEAN  | 31.6 | 38.0 | 47.2 | 57.0 | 63.7 | 72.1 | 76.6 | 73.8 | 69.2 | 56.3 | 46.2   | 35.6 | 31.6 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 1986 | 1990 | 1973 | 1984 | 1985 | 1971 | 1990   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1981 | 1983 | 1981 | 1997 | 1994 | 1981 | 2000 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.7          | 1.8  | 0.9  | 0.8  | 0.6  | 0.4  | 0.3  | 0.3  | 0.8  | 1.0  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |

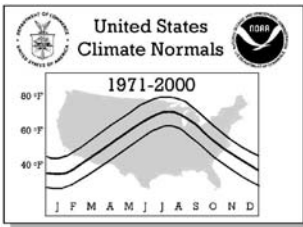


# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 085                     | LIVINGSTON    | HIGHEST MEAN            | 53.6               | 55.6         | 60.8 | 69.0 | 74.6 | 82.0 | 83.7 | 84.3 | 78.5 | 69.5 | 61.3 | 54.6 | 84.3   |      |      |
|                         |               | MEDIAN                  | 43.7               | 47.2         | 55.5 | 61.4 | 70.0 | 77.3 | 80.6 | 79.1 | 74.6 | 62.6 | 53.1 | 45.9 | 62.5   |      |      |
|                         |               | LOWEST MEAN             | 33.9               | 39.4         | 49.6 | 58.0 | 64.1 | 71.5 | 77.2 | 76.4 | 69.3 | 57.2 | 46.0 | 38.4 | 33.9   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 1986 | 1995 | 1972 | 1984 | 1985 | 1984 | 1995   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1983 | 1983 | 1976 | 1983 | 1975 | 1982 | 1982 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.7          | 1.9  | 0.9  | 0.8  | 0.6  | 0.4  | 0.2  | 0.5  | 0.8  | 1.1  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 088                     | MARION JUNCTI      | HIGHEST MEAN | 56.3 | 55.0 | 60.8 | 67.4 | 74.8 | 81.4 | 83.8 | 84.0 | 81.2 | 71.0 | 62.1   | 56.6 | 84.0 |
|                         |               |                         |                    | MEDIAN       | 44.0 | 47.9 | 55.8 | 61.9 | 70.3 | 77.7 | 81.0 | 80.3 | 75.0 | 63.5 | 53.7   | 46.2 | 63.5 |
|                         |               |                         |                    | LOWEST MEAN  | 33.4 | 38.2 | 49.9 | 57.2 | 65.7 | 74.6 | 78.3 | 76.8 | 71.4 | 58.7 | 46.2   | 38.4 | 33.4 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 2000 | 1981 | 1980 | 1980 | 1980 | 1984 | 1985 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1983 | 1984 | 1984 | 1984 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.4           |                         |                    | 1.7          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | 0.2  | 0.3  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 089                     | MARTIN DAM    |                         |                    | HIGHEST MEAN | 56.2 | 53.8 | 60.4 | 65.6 | 72.7 | 80.5 | 82.5 | 81.2 | 77.5 | 70.3 | 62.0   | 55.2 | 82.5 |
|                         |               |                         |                    | MEDIAN       | 44.0 | 47.4 | 54.9 | 61.0 | 68.4 | 76.2 | 79.5 | 78.6 | 73.9 | 63.7 | 54.0   | 46.8 | 62.4 |
|                         |               |                         |                    | LOWEST MEAN  | 32.5 | 38.0 | 48.8 | 56.8 | 63.1 | 71.9 | 76.2 | 76.0 | 70.5 | 57.6 | 46.4   | 39.7 | 32.5 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 1998 | 1981 | 1986 | 1990 | 1973 | 1984 | 1985 | 1984 | 1986   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1976 | 1976 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.0                | 1.6          | 1.6  | 1.4  | 1.2  | 0.9  | 0.6  | 0.4  | 0.5  | 0.7  | 1.0  | 0.9  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 092                     | MILSTEAD           | HIGHEST MEAN | 57.1 | 54.8 | 61.5 | 66.7 | 74.8 | 81.5 | 83.2 | 82.7 | 79.2 | 70.0 | 62.7   | 56.1 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 44.7 | 48.4 | 56.0 | 61.8 | 70.3 | 76.9 | 80.6 | 79.8 | 74.6 | 64.2 | 54.7   | 47.3 | 63.4 |
|                         |               |                         |                    | LOWEST MEAN  | 34.3 | 39.6 | 50.0 | 58.2 | 65.1 | 73.7 | 78.0 | 77.1 | 71.4 | 58.6 | 47.5   | 39.7 | 34.3 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1991 | 2000 | 1998 | 2000 | 1995 | 1980 | 1984 | 1985 | 1971 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1997 | 1994 | 1992 | 1975 | 1976 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.7          | 1.8  | 0.9  | 0.8  | 0.6  | 0.4  | 0.2  | 0.2  | 0.8  | 1.0  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 094                     | MOBILE RGNL A |                         |                    | HIGHEST MEAN | 62.7 | 58.6 | 66.3 | 70.8 | 76.9 | 82.5 | 84.3 | 84.4 | 81.5 | 72.3 | 65.7   | 62.2 | 84.4 |
|                         |               |                         |                    | MEDIAN       | 49.2 | 53.5 | 60.3 | 65.8 | 73.4 | 79.2 | 81.5 | 81.1 | 76.9 | 68.1 | 58.7   | 51.6 | 67.1 |
|                         |               |                         |                    | LOWEST MEAN  | 39.6 | 43.8 | 54.7 | 61.4 | 71.1 | 75.9 | 79.3 | 78.5 | 73.3 | 60.1 | 49.4   | 44.0 | 39.6 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1999 | 1980 | 1973 | 1985 | 1971 | 1999   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1983 | 1983 | 1981 | 1983 | 1985 | 1984 | 1983 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.0                | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
|                         |               | 096                     | MONTGOMERY DA      | HIGHEST MEAN | 58.2 | 55.9 | 63.4 | 68.6 | 76.1 | 83.2 | 84.7 | 84.7 | 80.2 | 73.3 | 63.8   | 58.3 | 84.7 |
|                         |               |                         |                    | MEDIAN       | 46.0 | 50.1 | 58.1 | 64.1 | 71.9 | 78.9 | 81.8 | 81.0 | 76.1 | 65.6 | 55.6   | 48.7 | 65.2 |
|                         |               |                         |                    | LOWEST MEAN  | 35.1 | 42.6 | 52.9 | 60.6 | 66.3 | 75.7 | 79.7 | 78.3 | 72.4 | 58.9 | 47.1   | 40.8 | 35.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 2000 | 1981 | 1986 | 1990 | 1980 | 1984 | 1985 | 1984 | 1990   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1996 | 1993 | 1976 | 1997 | 1971 | 1974 | 1974 | 1976 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| 097                     | MOULTON 2     |                         |                    | HIGHEST MEAN | 48.6 | 53.0 | 59.3 | 66.8 | 73.4 | 80.6 | 83.2 | 81.8 | 77.5 | 67.7 | 58.7   | 52.9 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 41.2 | 44.7 | 53.6 | 60.8 | 68.4 | 76.2 | 79.1 | 77.1 | 71.6 | 61.0 | 50.6   | 43.5 | 60.6 |
|                         |               |                         |                    | LOWEST MEAN  | 28.7 | 33.8 | 46.5 | 55.5 | 63.9 | 72.1 | 76.7 | 73.4 | 67.0 | 54.4 | 42.3   | 34.5 | 28.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1999 | 1987 | 1998 | 1980 | 1995 | 1998 | 1984 | 1985 | 1984 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1994 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.1               | -1.0         | -0.9 | -0.6 | -0.5 | -0.4 | -0.3 | -0.3 | -0.5 | -0.7 | -1.0 | -1.0 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -0.8               | -1.2         | -1.1 | -1.0 | -0.8 | -0.7 | -0.5 | -0.5 | -0.7 | -0.8 | -0.6 | -0.7 |        |      |      |
|                         |               | 099                     | MUSCLE SHOALS      | HIGHEST MEAN | 48.4 | 52.1 | 57.4 | 65.9 | 74.1 | 80.5 | 85.5 | 83.9 | 78.4 | 68.8 | 58.3   | 51.9 | 85.5 |
|                         |               |                         |                    | MEDIAN       | 40.5 | 44.6 | 53.2 | 59.8 | 68.8 | 77.2 | 80.3 | 78.4 | 73.0 | 61.1 | 50.9   | 43.6 | 60.8 |
|                         |               |                         |                    | LOWEST MEAN  | 27.0 | 33.2 | 46.6 | 56.2 | 62.9 | 70.8 | 76.0 | 75.5 | 66.6 | 54.9 | 41.9   | 33.4 | 27.0 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 1987 | 1998 | 1980 | 1980 | 1998 | 1984 | 1978 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.0           |                         |                    | 0.0          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |        |      |      |
| 101                     | ONEONTA       |                         |                    | HIGHEST MEAN | 51.6 | 51.3 | 58.5 | 64.5 | 72.1 | 78.1 | 82.3 | 81.2 | 76.4 | 67.2 | 59.7   | 52.3 | 82.3 |
|                         |               |                         |                    | MEDIAN       | 41.0 | 44.1 | 52.6 | 58.7 | 66.7 | 75.0 | 78.1 | 77.0 | 71.5 | 60.2 | 51.1   | 43.0 | 60.1 |
|                         |               |                         |                    | LOWEST MEAN  | 29.4 | 35.3 | 46.3 | 53.7 | 61.4 | 70.5 | 75.5 | 73.5 | 67.7 | 54.7 | 42.7   | 34.2 | 29.4 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1981 | 1987 | 1998 | 1980 | 2000 | 1998 | 1984 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1976 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 0.7                | 1.0          | -0.1 | -0.5 | -0.3 | -0.2 | -0.2 | -0.3 | -0.5 | -0.4 | -0.5 | 0.4  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 102                     | OPELIKA            | HIGHEST MEAN | 57.0 | 53.7 | 61.4 | 65.7 | 72.7 | 80.0 | 82.2 | 81.5 | 77.1 | 69.6 | 62.3   | 55.0 | 82.2 |
|                         |               |                         |                    | MEDIAN       | 44.0 | 47.4 | 55.0 | 60.7 | 68.4 | 76.0 | 79.1 | 78.1 | 73.0 | 62.7 | 54.5   | 46.4 | 62.3 |
|                         |               |                         |                    | LOWEST MEAN  | 34.1 | 40.1 | 49.4 | 56.6 | 63.7 | 72.6 | 76.0 | 76.2 | 69.8 | 56.9 | 47.0   | 38.5 | 34.1 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1981 | 1987 | 1981 | 1986 | 1987 | 1980 | 1984 | 1985 | 1971 | 1986   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1993 | 1976 | 1997 | 1971 | 1994 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.0          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.4  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |



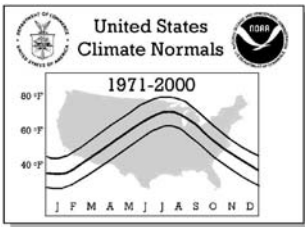
# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 103                     | OZARK 6 NNW   | HIGHEST MEAN            | 62.7               | 59.3         | 66.0 | 70.5 | 76.5 | 82.9 | 84.4 | 83.1 | 80.9 | 72.3 | 64.9 | 59.6 | 84.4   |      |      |
|                         |               | MEDIAN                  | 49.2               | 53.3         | 59.6 | 65.4 | 72.8 | 78.7 | 80.5 | 79.5 | 75.8 | 67.3 | 58.8 | 51.6 | 66.1   |      |      |
|                         |               | LOWEST MEAN             | 40.0               | 44.1         | 54.3 | 62.0 | 69.6 | 75.9 | 77.5 | 77.7 | 72.4 | 62.0 | 51.8 | 44.7 | 40.0   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 1980 | 1983 | 1980 | 1984 | 1978 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1993 | 1971 | 1997 | 1988 | 1992 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.1               | -0.9         | -0.9 | -0.5 | -0.4 | -0.3 | -0.2 | -0.2 | -0.4 | -0.7 | -1.1 | -1.2 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -1.8               | -1.6         | -2.0 | -1.5 | -1.3 | -0.9 | -0.7 | -0.6 | -1.0 | -1.6 | -1.3 | -2.0 |        |      |      |
|                         |               | 108                     | PINSON             | HIGHEST MEAN | 51.7 | 52.9 | 57.9 | 65.9 | 73.1 | 79.6 | 83.2 | 82.9 | 77.0 | 68.5 | 59.6   | 52.5 | 83.2 |
|                         |               |                         |                    | MEDIAN       | 41.6 | 44.8 | 53.1 | 60.0 | 68.0 | 75.8 | 79.3 | 78.1 | 72.5 | 60.6 | 50.6   | 43.5 | 60.8 |
|                         |               |                         |                    | LOWEST MEAN  | 29.8 | 35.4 | 46.9 | 55.4 | 63.1 | 71.7 | 77.1 | 74.5 | 68.7 | 54.8 | 43.6   | 35.8 | 29.8 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1973 | 1999 | 2000 | 1998 | 1993 | 1995 | 1998 | 1984 | 1985 | 1984 | 1993   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1994 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 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    |      |      |
| MAX OBS TIME ADJUSTMENT | 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    |      |      |
| 111                     | ROBERTSDALE 5 |                         |                    | HIGHEST MEAN | 62.6 | 58.6 | 65.1 | 69.6 | 76.4 | 81.8 | 83.7 | 83.5 | 80.7 | 72.4 | 65.7   | 61.8 | 83.7 |
|                         |               |                         |                    | MEDIAN       | 49.3 | 52.8 | 59.1 | 64.5 | 72.5 | 78.4 | 80.8 | 80.4 | 76.4 | 66.9 | 58.4   | 51.4 | 66.2 |
|                         |               |                         |                    | LOWEST MEAN  | 41.3 | 44.3 | 54.2 | 59.3 | 68.4 | 74.3 | 78.2 | 77.1 | 73.3 | 60.5 | 51.6   | 43.4 | 41.3 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1975         | 1997 | 1999 | 1991 | 1998 | 2000 | 1999 | 1980 | 1984 | 1985 | 1971 | 2000   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1993 | 1993 | 1995 | 1995 | 1994 | 1975 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.3          | 1.7  | 0.7  | 0.7  | 0.5  | 0.3  | 0.2  | 0.3  | 0.6  | 1.0  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.2  | 0.2  | 0.1  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 112                     | ROCKFORD 3 ES      | HIGHEST MEAN | 56.1 | 54.0 | 61.3 | 66.0 | 72.4 | 79.6 | 80.7 | 81.1 | 77.6 | 68.9 | 61.9   | 55.6 | 81.1 |
|                         |               |                         |                    | MEDIAN       | 44.1 | 47.5 | 55.4 | 61.2 | 68.3 | 75.2 | 78.2 | 77.9 | 72.9 | 63.0 | 53.2   | 46.0 | 62.3 |
|                         |               |                         |                    | LOWEST MEAN  | 33.0 | 40.0 | 49.8 | 56.3 | 64.8 | 71.9 | 75.6 | 74.4 | 69.5 | 58.0 | 46.8   | 39.1 | 33.0 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1973 | 1999 | 2000 | 1981 | 1980 | 1999 | 1998 | 1984 | 1985 | 1971 | 1999   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1997 | 1994 | 1992 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | -1.1          |                         |                    | -1.0         | -0.9 | -0.6 | -0.4 | -0.3 | -0.3 | -0.3 | -0.5 | -0.7 | -1.0 | -1.1 |        |      |      |
| MAX OBS TIME ADJUSTMENT | -1.3          |                         |                    | -1.1         | -1.7 | -1.4 | -1.1 | -0.8 | -0.7 | -0.6 | -0.9 | -1.2 | -0.9 | -1.3 |        |      |      |
| 113                     | ROCK MILLS    |                         |                    | HIGHEST MEAN | 54.0 | 53.3 | 59.8 | 65.4 | 72.6 | 79.7 | 82.7 | 81.2 | 77.2 | 67.7 | 60.7   | 52.4 | 82.7 |
|                         |               |                         |                    | MEDIAN       | 41.8 | 45.3 | 53.2 | 61.1 | 68.4 | 76.2 | 79.2 | 78.0 | 71.9 | 60.9 | 52.2   | 44.3 | 61.2 |
|                         |               |                         |                    | LOWEST MEAN  | 33.0 | 38.2 | 46.5 | 56.2 | 64.5 | 72.6 | 77.1 | 74.2 | 69.1 | 55.6 | 45.6   | 35.7 | 33.0 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1981 | 1987 | 1981 | 1980 | 1980 | 1980 | 1984 | 1985 | 1984 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1997 | 1997 | 1994 | 1992 | 2000 | 1987 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.2                | 1.7          | 1.8  | 0.9  | 0.8  | 0.7  | 0.4  | 0.3  | 0.3  | 0.8  | 1.0  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 114                     | RUSSELLVILLE       | HIGHEST MEAN | 47.6 | 49.6 | 57.2 | 65.8 | 71.9 | 78.2 | 81.4 | 81.2 | 77.3 | 65.6 | 56.2   | 52.0 | 81.4 |
|                         |               |                         |                    | MEDIAN       | 39.2 | 41.9 | 50.4 | 57.8 | 65.8 | 73.8 | 78.1 | 76.6 | 70.9 | 59.3 | 49.7   | 42.0 | 58.9 |
|                         |               |                         |                    | LOWEST MEAN  | 27.6 | 30.3 | 44.6 | 52.1 | 61.0 | 69.6 | 75.6 | 72.2 | 66.7 | 53.0 | 41.9   | 30.8 | 27.6 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 2000 | 1999 | 2000 | 1998 | 1980 | 1999 | 1998 | 1984 | 1985 | 1971 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1994 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.4           |                         |                    | 1.9          | 1.2  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.4  | 0.5  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 115                     | SAINT BERNARD |                         |                    | HIGHEST MEAN | 50.2 | 53.2 | 58.9 | 66.4 | 72.5 | 77.9 | 82.3 | 82.9 | 75.8 | 68.3 | 57.3   | 52.4 | 82.9 |
|                         |               |                         |                    | MEDIAN       | 40.6 | 44.2 | 53.1 | 59.7 | 67.7 | 74.9 | 77.9 | 76.9 | 71.2 | 60.4 | 50.7   | 42.8 | 60.2 |
|                         |               |                         |                    | LOWEST MEAN  | 30.6 | 36.7 | 47.6 | 53.0 | 62.7 | 69.8 | 76.1 | 73.1 | 67.0 | 54.6 | 42.9   | 34.7 | 30.6 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 2000         | 1973 | 1981 | 2000 | 1977 | 1977 | 1995 | 1972 | 1984 | 1985 | 1984 | 1995   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1984 | 1992 | 1974 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | -1.0               | -1.0         | -0.9 | -0.6 | -0.5 | -0.3 | -0.3 | -0.3 | -0.5 | -0.6 | -0.9 | -1.0 |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | -0.7               | -1.2         | -1.1 | -0.9 | -0.8 | -0.6 | -0.4 | -0.4 | -0.6 | -0.8 | -0.5 | -0.7 |        |      |      |
|                         |               | 116                     | SAND MT SUBST      | HIGHEST MEAN | 49.4 | 49.7 | 56.5 | 64.2 | 70.3 | 77.4 | 81.3 | 82.1 | 75.7 | 65.8 | 58.2   | 50.1 | 82.1 |
|                         |               |                         |                    | MEDIAN       | 39.5 | 41.7 | 50.5 | 58.2 | 66.6 | 74.2 | 77.2 | 75.8 | 70.2 | 59.7 | 50.1   | 41.5 | 58.9 |
|                         |               |                         |                    | LOWEST MEAN  | 25.6 | 33.6 | 44.7 | 52.6 | 59.8 | 69.9 | 72.5 | 72.4 | 65.7 | 52.0 | 41.7   | 32.6 | 25.6 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1973 | 1981 | 1998 | 1998 | 1980 | 1980 | 1998 | 1984 | 1985 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1976 | 1976 | 1976 | 1976 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.8          | 1.8  | 1.0  | 0.9  | 0.7  | 0.5  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 118                     | SCOTTSBORO    |                         |                    | HIGHEST MEAN | 48.5 | 49.6 | 59.3 | 64.1 | 73.7 | 77.6 | 81.8 | 81.4 | 76.1 | 66.4 | 58.8   | 50.5 | 81.8 |
|                         |               |                         |                    | MEDIAN       | 39.5 | 43.3 | 50.6 | 58.3 | 67.2 | 75.5 | 78.6 | 77.2 | 71.2 | 59.8 | 49.8   | 41.1 | 59.5 |
|                         |               |                         |                    | LOWEST MEAN  | 26.8 | 35.0 | 44.8 | 54.7 | 62.1 | 71.1 | 76.0 | 74.4 | 67.0 | 52.9 | 41.5   | 32.7 | 26.8 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1989 | 1981 | 1987 | 1998 | 1993 | 1983 | 1978 | 1984 | 1985 | 1971 | 1993   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1980         | 1971 | 1983 | 1997 | 1974 | 1984 | 1992 | 1975 | 1988 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.1          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | -0.3 | 0.4  | 0.4  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 119                     | SELMA              | HIGHEST MEAN | 57.4 | 56.6 | 62.6 | 67.2 | 75.5 | 82.7 | 84.4 | 84.1 | 80.3 | 72.2 | 62.7   | 59.3 | 84.4 |
|                         |               |                         |                    | MEDIAN       | 47.2 | 51.2 | 57.5 | 63.1 | 71.1 | 78.8 | 81.3 | 81.1 | 76.1 | 65.5 | 55.8   | 48.8 | 64.8 |
|                         |               |                         |                    | LOWEST MEAN  | 36.5 | 41.4 | 52.1 | 59.6 | 66.5 | 74.8 | 78.0 | 76.6 | 72.6 | 60.0 | 47.4   | 40.2 | 36.5 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1981 | 1986 | 1999 | 1980 | 1984 | 1985 | 1984 | 1986   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1975 | 1984 | 1974 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.1           |                         |                    | 1.4          | 1.6  | 1.4  | 1.2  | 0.8  | 0.6  | 0.4  | 0.4  | 0.6  | 1.0  | 0.9  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.2 | 0.0  | 0.1  |        |      |      |





# CLIMATOGRAPHY OF THE UNITED STATES NO. 81

## Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

### ALABAMA

| No.                     | Station Name  | Element                 | NORMALS STATISTICS |              |      |      |      |      |      |      |      |      |      |      |        |      |      |
|-------------------------|---------------|-------------------------|--------------------|--------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
|                         |               |                         | JAN                | FEB          | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  | OCT  | NOV  | DEC  | ANNUAL |      |      |
| 121                     | SYLACAUGA 4 N | HIGHEST MEAN            | 53.5               | 52.8         | 58.3 | 65.4 | 72.4 | 79.2 | 81.4 | 81.4 | 76.8 | 67.6 | 60.8 | 52.3 | 81.4   |      |      |
|                         |               | MEDIAN                  | 41.5               | 46.1         | 53.8 | 60.0 | 68.1 | 75.5 | 78.6 | 77.4 | 71.6 | 61.3 | 51.6 | 44.4 | 61.0   |      |      |
|                         |               | LOWEST MEAN             | 31.1               | 37.2         | 47.2 | 55.6 | 63.3 | 71.1 | 76.0 | 74.5 | 69.3 | 54.5 | 44.1 | 36.3 | 31.1   |      |      |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1981 | 2000 | 1998 | 1993 | 1995 | 1980 | 1984 | 1985 | 1971 | 1993   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1975 | 1992 | 1974 | 1987 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.3                | 1.0          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.4  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
|                         |               | 122                     | TALLADEGA          | HIGHEST MEAN | 51.7 | 51.8 | 58.6 | 65.3 | 72.3 | 78.2 | 83.4 | 82.0 | 76.3 | 66.4 | 59.0   | 52.0 | 83.4 |
|                         |               |                         |                    | MEDIAN       | 40.8 | 44.7 | 53.0 | 59.4 | 67.6 | 74.3 | 77.6 | 77.3 | 71.8 | 60.5 | 51.3   | 43.4 | 59.9 |
|                         |               |                         |                    | LOWEST MEAN  | 29.2 | 36.4 | 45.9 | 55.9 | 60.8 | 69.7 | 73.9 | 73.0 | 65.9 | 54.0 | 42.1   | 36.5 | 29.2 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 2000 | 1998 | 1986 | 1995 | 1998 | 1984 | 1985 | 1984 | 1986   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1975 | 1973 | 1974 | 1976 | 1976 | 1976 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.0          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | -0.3 | 0.4  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 124                     | THOMASVILLE   |                         |                    | HIGHEST MEAN | 57.8 | 55.9 | 63.0 | 69.3 | 76.2 | 82.1 | 84.0 | 83.9 | 82.8 | 72.1 | 63.3   | 58.0 | 84.0 |
|                         |               |                         |                    | MEDIAN       | 45.8 | 49.5 | 57.5 | 63.8 | 71.6 | 78.8 | 81.3 | 81.0 | 75.5 | 65.5 | 55.7   | 47.9 | 64.8 |
|                         |               |                         |                    | LOWEST MEAN  | 35.9 | 40.6 | 52.0 | 59.9 | 67.7 | 75.5 | 78.5 | 77.3 | 71.8 | 60.5 | 48.2   | 39.9 | 35.9 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 1980 | 1999 | 1972 | 1984 | 1985 | 1984 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1996 | 1983 | 1976 | 1974 | 1994 | 1992 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.4                | 1.7          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | 0.2  | 0.3  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 125                     | THORSBY EXP S      | HIGHEST MEAN | 54.7 | 53.2 | 60.1 | 66.2 | 73.5 | 79.7 | 82.5 | 82.2 | 78.4 | 68.4 | 61.3   | 54.6 | 82.5 |
|                         |               |                         |                    | MEDIAN       | 42.8 | 47.1 | 54.7 | 61.3 | 68.9 | 76.1 | 79.6 | 78.8 | 73.6 | 63.1 | 54.2   | 45.7 | 62.0 |
|                         |               |                         |                    | LOWEST MEAN  | 33.2 | 38.8 | 49.0 | 57.3 | 64.6 | 72.4 | 74.5 | 74.0 | 71.3 | 59.4 | 47.2   | 37.1 | 33.2 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1976         | 1997 | 1981 | 1987 | 1981 | 1980 | 1995 | 1980 | 1985 | 1985 | 1984 | 1980   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1973 | 1983 | 1976 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.3           |                         |                    | 1.7          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | -0.3 | 0.3  | 0.4  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.2  |        |      |      |
| 127                     | TROY          |                         |                    | HIGHEST MEAN | 59.6 | 56.9 | 63.7 | 68.4 | 76.3 | 82.0 | 84.9 | 83.4 | 80.2 | 71.0 | 62.7   | 57.1 | 84.9 |
|                         |               |                         |                    | MEDIAN       | 46.3 | 49.9 | 56.9 | 63.1 | 70.7 | 77.5 | 80.7 | 79.9 | 76.0 | 66.0 | 55.5   | 49.1 | 64.3 |
|                         |               |                         |                    | LOWEST MEAN  | 36.7 | 41.4 | 52.0 | 58.7 | 66.1 | 73.6 | 76.9 | 77.6 | 71.2 | 59.6 | 47.9   | 41.2 | 36.7 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1997 | 1999 | 2000 | 1998 | 2000 | 1987 | 1980 | 1984 | 1986 | 1971 | 2000   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1975 | 1976 | 1975 | 1976 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.0                | 1.5          | 1.6  | 1.3  | 1.1  | 0.8  | 0.5  | 0.4  | 0.5  | 0.6  | 0.9  | 0.9  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.3          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 128                     | TUSCALOOSA AC      | HIGHEST MEAN | 53.6 | 56.9 | 63.7 | 69.4 | 76.5 | 83.0 | 85.2 | 85.1 | 80.4 | 71.0 | 62.0   | 56.5 | 85.2 |
|                         |               |                         |                    | MEDIAN       | 45.1 | 49.5 | 57.7 | 63.8 | 71.6 | 78.6 | 82.0 | 80.9 | 75.9 | 65.3 | 54.7   | 48.3 | 64.4 |
|                         |               |                         |                    | LOWEST MEAN  | 34.3 | 39.8 | 51.7 | 59.2 | 65.2 | 74.6 | 78.8 | 78.0 | 72.4 | 58.9 | 48.1   | 39.6 | 34.3 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1974 | 1999 | 2000 | 1998 | 2000 | 1999 | 1998 | 1984 | 1985 | 1971 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1978          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1976 | 1975 | 1987 | 1976 | 2000 | 1978   |      |      |
| MIN OBS TIME ADJUSTMENT | -1.0          |                         |                    | -1.0         | -0.9 | -0.5 | -0.4 | -0.3 | -0.3 | -0.3 | -0.5 | -0.6 | -0.9 | -1.0 |        |      |      |
| MAX OBS TIME ADJUSTMENT | -0.8          |                         |                    | -1.2         | -1.1 | -0.9 | -0.7 | -0.6 | -0.5 | -0.4 | -0.9 | -0.8 | -0.6 | -0.7 |        |      |      |
| 129                     | TUSCALOOSA OL |                         |                    | HIGHEST MEAN | 53.2 | 53.5 | 60.1 | 67.1 | 74.2 | 81.3 | 84.0 | 83.3 | 79.7 | 68.9 | 60.5   | 54.5 | 84.0 |
|                         |               |                         |                    | MEDIAN       | 43.0 | 46.8 | 54.5 | 61.3 | 69.5 | 77.5 | 80.4 | 79.1 | 74.2 | 63.2 | 52.4   | 45.1 | 62.3 |
|                         |               |                         |                    | LOWEST MEAN  | 32.1 | 37.3 | 47.9 | 56.7 | 64.0 | 72.7 | 77.8 | 75.8 | 69.3 | 58.1 | 45.3   | 37.3 | 32.1 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1974 | 1999 | 1987 | 1998 | 1980 | 2000 | 1998 | 1984 | 1985 | 1971 | 1980   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1976 | 1974 | 1972 | 1976 | 1974 | 1987 | 1976 | 2000 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.4                | 1.8          | 1.1  | 0.0  | 0.0  | 0.1  | 0.0  | -0.1 | 0.3  | 0.4  | 0.4  | 1.1  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.2                | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 130                     | UNION SPRINGS      | HIGHEST MEAN | 59.5 | 55.8 | 61.4 | 66.5 | 73.6 | 81.0 | 81.9 | 81.6 | 79.2 | 70.2 | 62.8   | 58.2 | 81.9 |
|                         |               |                         |                    | MEDIAN       | 45.9 | 49.0 | 56.0 | 61.7 | 69.8 | 76.5 | 79.6 | 79.0 | 73.9 | 63.5 | 55.4   | 47.9 | 63.2 |
|                         |               |                         |                    | LOWEST MEAN  | 34.2 | 40.8 | 50.8 | 57.6 | 65.5 | 73.7 | 77.2 | 76.2 | 71.7 | 57.8 | 47.6   | 40.0 | 34.2 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1997 | 1999 | 1991 | 1981 | 1998 | 1987 | 1972 | 1984 | 1985 | 1971 | 1998   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1993 | 1976 | 1997 | 1994 | 1994 | 1975 | 1987 | 1976 | 2000 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.2           |                         |                    | 1.7          | 1.7  | 0.8  | 0.8  | 0.6  | 0.4  | 0.2  | 0.2  | 0.7  | 1.0  | 1.1  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.2           |                         |                    | 0.4          | 0.3  | 0.3  | 0.2  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
| 132                     | VALLEY HEAD   |                         |                    | HIGHEST MEAN | 47.7 | 47.5 | 54.8 | 61.0 | 70.3 | 75.4 | 79.4 | 78.9 | 74.6 | 64.2 | 57.4   | 49.2 | 79.4 |
|                         |               |                         |                    | MEDIAN       | 37.3 | 40.4 | 48.7 | 56.1 | 64.5 | 72.4 | 76.1 | 75.1 | 69.1 | 58.1 | 48.3   | 39.9 | 57.0 |
|                         |               |                         |                    | LOWEST MEAN  | 25.6 | 32.6 | 42.4 | 50.1 | 60.0 | 68.1 | 73.5 | 72.4 | 65.4 | 50.4 | 39.9   | 30.9 | 25.6 |
|                         |               | HIGHEST MEAN YEAR       | 1974               | 1990         | 1973 | 1981 | 1987 | 1998 | 1993 | 1995 | 1998 | 1984 | 1985 | 1971 | 1993   |      |      |
|                         |               | LOWEST MEAN YEAR        | 1977               | 1978         | 1971 | 1983 | 1981 | 1974 | 1976 | 1992 | 1981 | 1987 | 1976 | 1989 | 1977   |      |      |
|                         |               | MIN OBS TIME ADJUSTMENT | 1.2                | 1.8          | 1.8  | 1.0  | 0.9  | 0.1  | 0.4  | 0.3  | 0.3  | 0.8  | 1.0  | 1.0  |        |      |      |
|                         |               | MAX OBS TIME ADJUSTMENT | 0.3                | 0.4          | 0.3  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |
|                         |               | 133                     | VERNON 2 N         | HIGHEST MEAN | 49.3 | 51.6 | 58.9 | 65.6 | 72.8 | 78.9 | 82.6 | 83.8 | 76.9 | 67.4 | 58.5   | 52.0 | 83.8 |
|                         |               |                         |                    | MEDIAN       | 40.3 | 44.2 | 52.1 | 59.0 | 67.7 | 75.5 | 79.0 | 78.1 | 72.0 | 60.7 | 51.4   | 43.1 | 60.3 |
|                         |               |                         |                    | LOWEST MEAN  | 30.0 | 34.5 | 47.0 | 53.9 | 63.7 | 72.0 | 76.4 | 74.7 | 68.3 | 53.5 | 43.7   | 34.3 | 30.0 |
| HIGHEST MEAN YEAR       | 1974          |                         |                    | 1990         | 1974 | 1981 | 1998 | 1998 | 1980 | 2000 | 1972 | 1984 | 1985 | 1984 | 2000   |      |      |
| LOWEST MEAN YEAR        | 1977          |                         |                    | 1978         | 1971 | 1983 | 1976 | 1974 | 1994 | 1992 | 1981 | 1987 | 1976 | 1989 | 1977   |      |      |
| MIN OBS TIME ADJUSTMENT | 1.5           |                         |                    | 1.9          | 1.2  | 0.0  | 0.0  | 0.1  | 0.0  | -0.2 | 0.3  | 0.4  | 0.5  | 1.0  |        |      |      |
| MAX OBS TIME ADJUSTMENT | 0.3           |                         |                    | 0.4          | 0.4  | 0.3  | 0.3  | 0.2  | 0.1  | 0.0  | -0.1 | -0.1 | 0.0  | 0.1  |        |      |      |

