

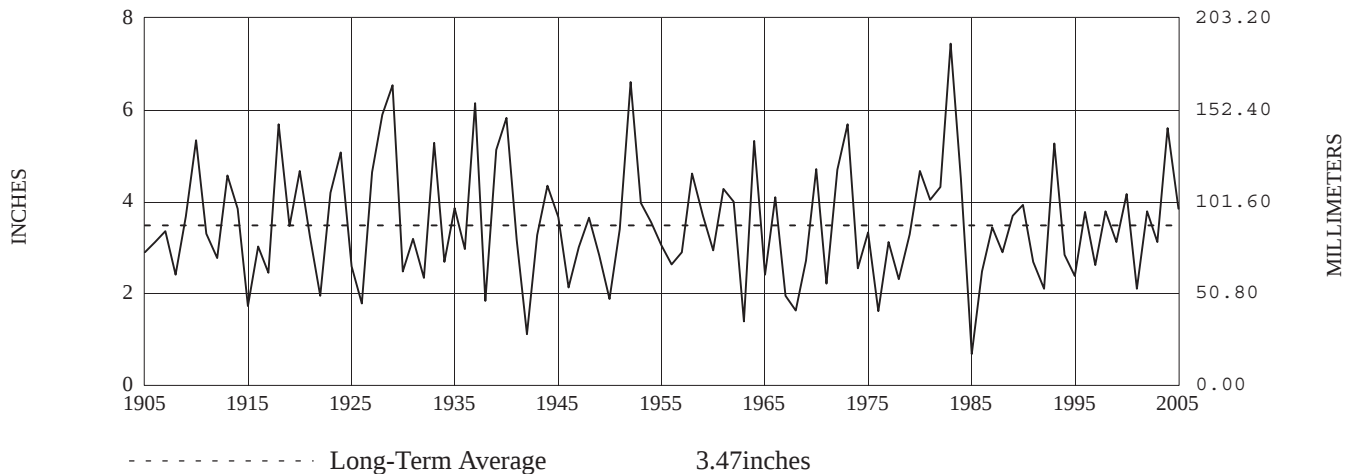
# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

APRIL 2005

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MARYLAND AND DELAWARE PRECIPITATION APRIL, 1905-2005

### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

|                               |      |          |                   |
|-------------------------------|------|----------|-------------------|
| HIGHEST TEMPERATURE           | 90   | APRIL 20 | CHESTERTOWN       |
| LOWEST TEMPERATURE            | 25   | APRIL 17 | 2 STATIONS        |
| GREATEST TOTAL PRECIPITATION  | 4.82 |          | CHESTERTOWN       |
| LEAST TOTAL PRECIPITATION     | 2.10 |          | SAVAGE RIVER DAM  |
| GREATEST 1 DAY PRECIPITATION  | 2.38 | APRIL 3  | PORT DEPOSIT 2 NE |
| GREATEST TOTAL SNOWFALL       | 14.0 |          | OAKLAND 1 SE      |
| GREATEST DEPTH OF SNOW OR ICE | 2    | APRIL 25 | FROSTBURG 2       |

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## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

|                              |      |          |                        |
|------------------------------|------|----------|------------------------|
| HIGHEST TEMPERATURE          | 88   | APRIL 20 | LEWES                  |
| LOWEST TEMPERATURE           | 30   | APRIL 17 | 2 STATIONS             |
| GREATEST TOTAL PRECIPITATION | 6.21 |          | WILMINGTON PORTER RSVR |
| LEAST TOTAL PRECIPITATION    | 2.66 |          | LEWES                  |
| GREATEST 1 DAY PRECIPITATION | 2.66 | APRIL 2  | WILMINGTON PORTER RSVR |

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## MONTHLY STATION AND DIVISION SUMMARY

| STATION                      |  | TEMPERATURE (°F )  |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
|------------------------------|--|--------------------|--------------------|---------|-----------------------------|---------|------|--------|------|------------------------|------------------------|-------------|-------------|-------------|------------|
|                              |  | AVERAGE<br>MAXIMUM | AVERAGE<br>MINIMUM | AVERAGE | DEPARTURE<br>FROM<br>NORMAL | HIGHEST | DATE | LOWEST | DATE | HEATING<br>DEGREE DAYS | COOLING<br>DEGREE DAYS | NO. OF DAYS |             |             |            |
|                              |  |                    |                    |         |                             |         |      |        |      |                        |                        | MAX         |             | MIN         |            |
|                              |  |                    |                    |         |                             |         |      |        |      |                        |                        | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW |
| MARYLAND                     |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| SOUTHERN EASTERN<br>SHORE 01 |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| ASSATEAGUE                   |  | 60.3               | 43.8               | 52.1    | -.4                         | 77      | 21   | 32     | 13   | 380                    | 0                      | 0           | 0           | 1           | 0          |
| PRINCESS ANNE                |  | M                  | M                  | M       |                             | 86      | 21   | 25     | 17   |                        |                        | 0           | 0           | 5           | 0          |
| SALISBURY                    |  | 69.1               | 46.2               | 57.7    | 1.8                         | 87      | 20   | 35     | 17   | 231                    | 19                     | 0           | 0           | 0           | 0          |
| SALISBURY POLICE BRKS        |  | 69.2               | 46.2               | 57.7    |                             | 89      | 20   | 32     | 17   | 235                    | 25                     | 0           | 0           | 1           | 0          |
| SALISBURY FAA AP             |  | 65.3               | 39.9               | 52.6    | -1.7                        | 87      | 20   | 28     | 17+  | 373                    | 7                      | 0           | 0           | 7           | 0          |
| SNOW HILL 4 N                |  | 68.0               | 43.6               | 55.8    | .3                          | 88      | 20   | 29     | 17   | 284                    | 17                     | 0           | 0           | 2           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 55.2    | 1.1                         |         |      |        |      |                        |                        |             |             |             |            |
| CENTRAL EASTERN<br>SHORE 02  |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| ROYAL OAK 2 SSW              |  | 68.9               | 45.8               | 57.4    | 1.3                         | 86      | 20   | 31     | 17   | 238                    | 14                     | 0           | 0           | 1           | 0          |
| VIENNA                       |  | 69.4               | 42.9               | 56.2    | .6                          | 87      | 20   | 30     | 17   | 263                    | 3                      | 0           | 0           | 1           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 56.8    | 2.3                         |         |      |        |      |                        |                        |             |             |             |            |
| LOWER SOUTHERN 03            |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| MECHANICSVILLE 5 NE          |  | 66.6               | 41.9               | 54.3    | -1.0                        | 88      | 21   | 29     | 17   | 332                    | 16                     | 0           | 0           | 1           | 0          |
| SOLOMONS                     |  | 67.2M              | 47.4M              | 57.3M   |                             | 89      | 21   | 37     | 17   | 248                    | 22                     | 0           | 0           | 0           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 55.8    | 1.6                         |         |      |        |      |                        |                        |             |             |             |            |
| UPPER SOUTHERN 04            |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| ANNAPOLIS POLICE BRKS        |  | 68.8M              | 48.2M              | 58.5M   | 4.9                         | 89      | 20   | 39     | 10   | 222                    | 20                     | 0           | 0           | 0           | 0          |
| BALTIMORE WASH INTL AP R     |  | 66.7               | 43.7               | 55.2    | 2.0                         | 86      | 20+  | 32     | 17   | 298                    | 13                     | 0           | 0           | 1           | 0          |
| BELTSVILLE                   |  | 66.1               | 43.3               | 54.7    | 1.4                         | 85      | 21   | 32     | 17+  | 315                    | 12                     | 0           | 0           | 2           | 0          |
| DALECARLIA RESERVOIR         |  | 68.1               | 41.0               | 54.6    | -1.0                        | 87      | 21+  | 29     | 17   | 316                    | 12                     | 0           | 0           | 1           | 0          |
| GLENN DALE BELL STN          |  | 67.6               | 39.2               | 53.4    | 1.4                         | 87      | 21+  | 27     | 17+  | 350                    | 8                      | 0           | 0           | 9           | 0          |
| MD SCI CTR BALTIMORE R       |  | 67.1               | 48.4               | 57.8    |                             | 87      | 20+  | 38     | 12   | 233                    | 24                     | 0           | 0           | 0           | 0          |
| NATIONAL ARBORETUM DC        |  | 67.7               | 45.8               | 56.8    | 2.7                         | 87      | 21+  | 36     | 17+  | 263                    | 23                     | 0           | 0           | 0           | 0          |
| OXON HILL                    |  | 68.2               | 44.3               | 56.3    |                             | 88      | 21   | 34     | 17   | 274                    | 17                     | 0           | 0           | 0           | 0          |
| UPPER MARLBORO 3 NNW         |  | 66.6               | 42.8               | 54.7    | 1.3                         | 87      | 21   | 30     | 17   | 321                    | 19                     | 0           | 0           | 3           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 55.8    | 1.7                         |         |      |        |      |                        |                        |             |             |             |            |
| NORTHERN EASTERN<br>SHORE 05 |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| CHESTERTOWN                  |  | 68.4               | 42.7               | 55.6    | 1.5                         | 90      | 20   | 31     | 17   | 289                    | 11                     | 1           | 0           | 1           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 55.6    | 2.3                         |         |      |        |      |                        |                        |             |             |             |            |
| NORTHERN CENTRAL 06          |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| ABERDEEN PHILLIPS FLD        |  | 70.9M              | 46.7M              | 58.8M   | 4.2                         | 86      | 20   | 34     | 5    | 203                    | 27                     | 0           | 0           | 0           | 0          |
| CATOCTIN MOUNTAIN PARK       |  | 65.7               | 42.4               | 54.1    | 2.2                         | 83      | 20   | 32     | 24   | 329                    | 9                      | 0           | 0           | 1           | 0          |
| CONOWINGO DAM                |  | M                  | M                  | M       |                             |         |      |        |      |                        |                        |             |             |             |            |
| CYLBURN                      |  | M                  | M                  | M       |                             | 85      | 21+  | 34     | 17+  |                        |                        | 0           | 0           | 0           | 0          |
| DAMASCUS 3 SSW               |  | 65.2               | 43.7               | 54.5    |                             | 83      | 20+  | 33     | 16+  | 319                    | 9                      | 0           | 0           | 0           | 0          |
| EMMITSBURG 2 SE              |  | 72.0               | 38.1               | 55.1    | 2.3                         | 88      | 20   | 27     | 16   | 296                    | 6                      | 0           | 0           | 8           | 0          |
| FREDERICK 2 NNE              |  | M                  | M                  | M       |                             |         |      |        |      |                        |                        |             |             |             |            |
| MILLERS 4 NE                 |  | 66.6               | 42.4               | 54.5    | 2.7                         | 82      | 20+  | 30     | 16   | 315                    | 10                     | 0           | 0           | 2           | 0          |
| PORT DEPOSIT 2 NE            |  | 66.8               | 41.2               | 54.0    |                             | 86      | 21+  | 35     | 18+  | 335                    | 12                     | 0           | 0           | 0           | 0          |
| ROCKVILLE 1 NE               |  | 63.6               | 40.6               | 52.1    | -1.2                        | 82      | 6    | 31     | 16   | 377                    | 0                      | 0           | 0           | 3           | 0          |
| SMITHSBURG 2NW               |  | 65.1               | 39.6               | 52.4    |                             | 82      | 21+  | 28     | 17+  | 379                    | 6                      | 0           | 0           | 4           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 54.4    | 2.1                         |         |      |        |      |                        |                        |             |             |             |            |
| APPALACHIAN<br>MOUNTAIN 07   |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| CUMBERLAND 2                 |  | 69.6               | 41.6               | 55.6    | 2.7                         | 85      | 6    | 31     | 16+  | 278                    | 5                      | 0           | 0           | 2           | 0          |
| CUMBERLAND POLICE BRK        |  | 68.4               | 40.3               | 54.4    |                             | 81      | 21+  | 29     | 16   | 316                    | 2                      | 0           | 0           | 3           | 0          |
| FROSTBURG 2                  |  | 61.1               | 37.5               | 49.3    | 3.4                         | 79      | 7    | 29     | 25+  | 461                    | 0                      | 0           | 0           | 8           | 0          |
| HAGERSTOWN POLICE BRK        |  | 68.3               | 42.8               | 55.6    |                             | 84      | 20+  | 33     | 17+  | 284                    | 8                      | 0           | 0           | 0           | 0          |
| SHARPSBURG 5 S               |  | 66.8               | 37.3               | 52.1    |                             | 85      | 21+  | 27     | 4    | 385                    | 6                      | 0           | 0           | 11          | 0          |
| WILLIAMSPORT                 |  | 66.4               | 38.8               | 52.6    |                             | 85      | 21+  | 30     | 17+  | 367                    | 3                      | 0           | 0           | 4           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 53.3    | 2.6                         |         |      |        |      |                        |                        |             |             |             |            |
| ALLEGHENY PLATEAU 08         |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| OAKLAND 1 SE                 |  | 62.8               | 36.5               | 49.7    | 2.2                         | 76      | 7+   | 25     | 17   | 454                    | 0                      | 0           | 0           | 9           | 0          |
| SAVAGE RIVER DAM             |  | 61.6               | 37.7               | 49.7    | 2.3                         | 77      | 21+  | 28     | 5    | 453                    | 0                      | 0           | 0           | 8           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 49.7    | 2.7                         |         |      |        |      |                        |                        |             |             |             |            |
| DELAWARE                     |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| NORTHERN 01                  |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
| BEAR 2 SW                    |  | 65.3               | 41.3               | 53.3    |                             | 85      | 20   | 30     | 17   | 348                    | 4                      | 0           | 0           | 4           | 0          |
| NEWARK UNIV FARM             |  | 66.2               | 41.6               | 53.9    | .8                          | 85      | 20   | 34     | 5    | 331                    | 7                      | 0           | 0           | 0           | 0          |
| WILMINGTON NEW CASTLE R      |  | 64.8               | 42.8               | 53.8    | 1.4                         | 84      | 20   | 35     | 16+  | 334                    | 6                      | 0           | 0           | 0           | 0          |
| WILMINGTON PORTER RSVR       |  | 63.7               | 44.1               | 53.9    | 2.4                         | 84      | 20   | 37     | 12   | 337                    | 10                     | 0           | 0           | 0           | 0          |
| --DIVISIONAL DATA----->      |  |                    |                    | 53.7    | 1.3                         |         |      |        |      |                        |                        |             |             |             |            |
| SOUTHERN 02                  |  |                    |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |

## MONTHLY STATION AND DIVISION SUMMARY

| STATION                      | PRECIPITATION ( IN ) |                             |                 |      |                   |                         |      |             |             |              |
|------------------------------|----------------------|-----------------------------|-----------------|------|-------------------|-------------------------|------|-------------|-------------|--------------|
|                              | TOTAL                | DEPARTURE<br>FROM<br>NORMAL | GREATEST<br>DAY | DATE | ICE PELLETS, SNOW |                         |      | NO. OF DAYS |             |              |
|                              |                      |                             |                 |      | TOTAL             | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| MARYLAND                     |                      |                             |                 |      |                   |                         |      |             |             |              |
| SOUTHERN EASTERN<br>SHORE 01 |                      |                             |                 |      |                   |                         |      |             |             |              |
| ASSATEAGUE                   | M 2.57               |                             |                 |      | .0                | 0                       |      | 2           | 0           | 0            |
| PRINCESS ANNE                | 2.58                 | -.65                        |                 |      | .0                | 0                       |      | 0           | 0           | 0            |
| SALISBURY                    | 2.96                 | -.38                        | 2.13            | 2    | .0                | 0                       |      | 4           | 1           | 1            |
| SALISBURY POLICE BRKS        | 3.39                 |                             | 1.73            | 2    | .0                | 0                       |      | 6           | 1           | 1            |
| SALISBURY FAA AP             | 2.52                 | -.89                        | 1.90            | 2    | .0                | 0                       |      | 3           | 1           | 1            |
| SNOW HILL 4 N                | 2.37                 | -.87                        | 1.56            | 2    | .0                | 0                       |      | 3           | 1           | 1            |
| --DIVISIONAL DATA----->      | 2.76                 | -.50                        |                 |      | .0                |                         |      |             |             |              |
| CENTRAL EASTERN<br>SHORE 02  |                      |                             |                 |      |                   |                         |      |             |             |              |
| ROYAL OAK 2 SSW              | 4.81                 | 1.31                        | 1.83            | 8    | .0                | 0                       |      | 7           | 3           | 2            |
| VIENNA                       | M 2.47               |                             | 1.13            | 2    | .0                | 0                       |      | 6           | 1           | 1            |
| --DIVISIONAL DATA----->      | 4.81                 | 1.42                        |                 |      | .0                |                         |      |             |             |              |
| LOWER SOUTHERN 03            |                      |                             |                 |      |                   |                         |      |             |             |              |
| MECHANICSVILLE 5 NE          | 3.71                 | .22                         | 1.70            | 3    | .0                | 0                       |      | 6           | 3           | 1            |
| SOLOMONS                     | M 2.36               |                             |                 |      | .0                | 0                       |      | 3           | 1           | 0            |
| --DIVISIONAL DATA----->      | 3.71                 | .51                         |                 |      | .0                |                         |      |             |             |              |
| UPPER SOUTHERN 04            |                      |                             |                 |      |                   |                         |      |             |             |              |
| ANNAPOLIS POLICE BRKS        | 3.83                 | .49                         | 1.28            | 2    | .0                | 0                       |      | 6           | 4           | 1            |
| BALTIMORE WASH INTL AP R     | 3.81                 | .81                         | 1.63            | 2    | .0                | 0                       |      | 5           | 2           | 2            |
| BELTSVILLE                   | 3.41                 | .08                         | 1.44            | 3    | .0                | 0                       |      | 7           | 3           | 1            |
| DALECARLIA RESERVOIR         | 4.41                 | .87                         | 1.75            | 3    | .0                | 0                       |      | 7           | 3           | 1            |
| GLENN DALE BELL STN          | M 2.93               |                             |                 |      | .0                | 0                       |      | 4           | 0           | 0            |
| MD SCI CTR BALTIMORE R       | 3.30                 |                             | 1.32            | 2    | M                 | M                       |      | 5           | 2           | 2            |
| NATIONAL ARBORETUM DC        | 3.57                 | .31                         | 1.73            | 3    | .0                | 0                       |      | 6           | 2           | 1            |
| OXON HILL                    | 3.64                 |                             | 1.50            | 3    | .0                | 0                       |      | 6           | 3           | 1            |
| UPPER MARLBORO 3 NNW         | 3.90                 | .62                         | 1.46            | 3    | .0                | 0                       |      | 6           | 3           | 1            |
| --DIVISIONAL DATA----->      | 3.73                 | .39                         |                 |      | .0                |                         |      |             |             |              |
| NORTHERN EASTERN<br>SHORE 05 |                      |                             |                 |      |                   |                         |      |             |             |              |
| CHESTERTOWN                  | 4.82                 | 1.48                        | 1.20            | 2    | .0                | 0                       |      | 6           | 6           | 1            |
| --DIVISIONAL DATA----->      | 4.82                 | 1.43                        |                 |      | .0                |                         |      |             |             |              |
| NORTHERN CENTRAL 06          |                      |                             |                 |      |                   |                         |      |             |             |              |
| ABERDEEN PHILLIPS FLD        | M 3.31               |                             |                 |      | .0                | 0                       |      | 2           | 0           | 0            |
| CATOCTIN MOUNTAIN PARK       | 4.03                 | .07                         | 2.00            | 2    | .0                | 0                       |      | 6           | 2           | 1            |
| CONOWINGO DAM                |                      |                             |                 |      | M                 | M                       |      |             |             |              |
| CYLBURN                      | M 3.77               |                             | 1.68            | 2    | .0                | 0                       |      | 7           | 3           | 1            |
| DAMASCUS 3 SSW               | 4.78                 |                             | 2.31            | 2    | T                 | T                       |      | 7           | 3           | 1            |
| EMMITSBURG 2 SE              | M 4.00               |                             | 2.15            | 2    | .0                | 0                       |      | 5           | 3           | 1            |
| FREDERICK 2 NNE              |                      |                             |                 |      | M                 | M                       |      |             |             |              |
| MILLERS 4 NE                 | 4.21                 | .76                         | 1.92            | 2    | T                 | T                       |      | 6           | 3           | 1            |
| PORT DEPOSIT 2 NE            | M 4.23               |                             | 2.38            | 3    | .0                | 0                       |      | 5           | 3           | 1            |
| ROCKVILLE 1 NE               | 3.83                 | .64                         | 1.67            | 2    | .0                | 0                       |      | 7           | 2           | 1            |
| SMITHSBURG 2NW               | 3.18                 |                             | 1.05            | 3    | .0                | 0                       |      | 7           | 2           | 1            |
| --DIVISIONAL DATA----->      | 4.01                 | .48                         |                 |      | .0                |                         |      |             |             |              |
| APPALACHIAN<br>MOUNTAIN 07   |                      |                             |                 |      |                   |                         |      |             |             |              |
| CUMBERLAND 2                 | 2.55                 | -.61                        | .96             | 23   | .0                | 0                       |      | 6           | 2           | 0            |
| CUMBERLAND POLICE BRK        | M 2.14               |                             | .88             | 2    | .0                | 0                       |      | 5           | 2           | 0            |
| FROSTBURG 2                  | 2.73                 | -1.24                       | 1.33            | 23   | 2.2               | 2                       | 25   | 6           | 1           | 1            |
| HAGERSTOWN POLICE BRK        | 2.97                 |                             | 1.40            | 2    | .0                | 0                       |      | 5           | 2           | 1            |
| SHARPSBURG 5 S               | 3.96                 |                             | 1.45            | 3    | M                 | 0                       |      | 7           | 3           | 1            |
| WILLIAMSPORT                 | M 2.08               |                             | .65             | 3    | .0                | 0                       |      | 5           | 2           | 0            |
| --DIVISIONAL DATA----->      | 3.05                 | -.34                        |                 |      | .4                |                         |      |             |             |              |
| ALLEGHENY PLATEAU 08         |                      |                             |                 |      |                   |                         |      |             |             |              |
| OAKLAND 1 SE                 | 2.99                 | -1.08                       | .76             | 23   | 14.0              | 0                       |      | 7           | 3           | 0            |
| SAVAGE RIVER DAM             | 2.10                 | -1.28                       | .80             | 23   | .0                | 0                       |      | 6           | 1           | 0            |
| --DIVISIONAL DATA----->      | 2.55                 | -1.29                       |                 |      | 7.0               |                         |      |             |             |              |
| DELAWARE                     |                      |                             |                 |      |                   |                         |      |             |             |              |
| NORTHERN 01                  |                      |                             |                 |      |                   |                         |      |             |             |              |
| BEAR 2 SW                    | 4.90                 |                             | 2.16            | 2    | .0                | 0                       |      | 7           | 3           | 1            |
| NEWARK UNIV FARM             | 4.92                 | 1.39                        | 2.31            | 2    | .0                | 0                       |      | 6           | 2           | 1            |
| WILMINGTON NEW CASTLE R      | 5.12                 | 1.73                        | 2.18            | 2    | .0                | 0                       |      | 6           | 3           | 2            |
| WILMINGTON PORTER RSVR       | 6.21                 | 2.20                        | 2.66            | 2    | .0                | 0                       |      | 7           | 3           | 2            |
| --DIVISIONAL DATA----->      | 5.29                 | 1.66                        |                 |      | .0                |                         |      |             |             |              |
| SOUTHERN 02                  |                      |                             |                 |      |                   |                         |      |             |             |              |

## MONTHLY STATION AND DIVISION SUMMARY

APRIL 2005

| STATION                 | TEMPERATURE (°F )  |                    |         |                             |         |      |        |      |                        |                        |             |             |             |            |
|-------------------------|--------------------|--------------------|---------|-----------------------------|---------|------|--------|------|------------------------|------------------------|-------------|-------------|-------------|------------|
|                         | AVERAGE<br>MAXIMUM | AVERAGE<br>MINIMUM | AVERAGE | DEPARTURE<br>FROM<br>NORMAL | HIGHEST | DATE | LOWEST | DATE | HEATING<br>DEGREE DAYS | COOLING<br>DEGREE DAYS | NO. OF DAYS |             |             |            |
|                         |                    |                    |         |                             |         |      |        |      |                        |                        | MAX         |             | MIN         |            |
|                         |                    |                    |         |                             |         |      |        |      |                        |                        | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW |
| DOVER                   | 67.5               | 44.5               | 56.0    | 1.4                         | 85      | 20   | 34     | 14   | 284                    | 22                     | 0           | 0           | 0           | 0          |
| GREENWOOD 2NE           | 65.5               | 40.9               | 53.2    | 1.0                         | 87      | 21   | 30     | 17   | 359                    | 12                     | 0           | 0           | 3           | 0          |
| LEWES                   | 65.8               | 46.4               | 56.1    | 1.5                         | 88      | 20   | 37     | 17+  | 286                    | 25                     | 0           | 0           | 0           | 0          |
| SMYRNA 1 W              | M                  | M                  | M       |                             |         |      |        |      |                        |                        |             |             |             |            |
| --DIVISIONAL DATA-----> |                    |                    | 55.1    | 1.9                         |         |      |        |      |                        |                        |             |             |             |            |

# MONTHLY STATION AND DIVISION SUMMARY

APRIL 2005

| STATION                 | PRECIPITATION ( IN ) |                             |                 |      |                   |                         |      |             |             |              |
|-------------------------|----------------------|-----------------------------|-----------------|------|-------------------|-------------------------|------|-------------|-------------|--------------|
|                         | TOTAL                | DEPARTURE<br>FROM<br>NORMAL | GREATEST<br>DAY | DATE | ICE PELLETS, SNOW |                         |      | NO. OF DAYS |             |              |
|                         |                      |                             |                 |      | TOTAL             | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| DOVER                   | 5.65                 | 2.18                        | 2.25            | 8    | .0                | 0                       |      | 5           | 3           | 2            |
| GREENWOOD 2NE           | 3.22                 | -.23                        | 1.36            | 3    | .0                | 0                       |      | 7           | 1           | 1            |
| LEWES                   | 2.66                 | -.88                        | 2.00            | 2    | .0                | 0                       |      | 3           | 1           | 1            |
| SMYRNA 1 W              |                      |                             |                 |      | M                 | M                       |      |             |             |              |
| --DIVISIONAL DATA-----> | 3.84                 | .37                         |                 |      | .0                |                         |      |             |             |              |

## DAILY PRECIPITATION ( INCHES )

APRIL 2003

| STATION                   | TOTAL  | DAY OF MONTH |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
|---------------------------|--------|--------------|------|------|------|---|---|-----|------|-----|-----|----|-----|-----|----|----|
|                           |        | 1            | 2    | 3    | 4    | 5 | 6 | 7   | 8    | 9   | 10  | 11 | 12  | 13  | 14 | 15 |
| MARYLAND                  |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| SOUTHERN EASTERN SHORE 01 |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| ASSATEAGUE                | M 2.57 |              | *    | 1.81 | .01  |   |   |     | .30  | -   |     |    |     | .02 |    |    |
| PRINCESS ANNE             | 2.58   |              | *    | 2.14 |      |   |   |     | .09  |     |     |    |     |     |    |    |
| SALISBURY                 | 2.96   |              | 2.13 | .22  | T    |   |   |     | .17  | T   |     |    |     |     |    |    |
| SALISBURY POLICE BRKS     | 3.39   |              | 1.73 |      | .43  |   |   |     | .19  | .20 |     |    |     |     |    |    |
| SALISBURY FAA AP          | 2.52   | .08          | 1.90 | .03  |      |   |   | T   | .18  |     |     |    | .02 | T   |    |    |
| SNOW HILL 4 N             | 2.37   |              | 1.56 | .15  |      |   |   |     | .24  | .08 |     |    |     | .06 |    |    |
| CENTRAL EASTERN SHORE 02  |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| ROYAL OAK 2 SSW           | 4.81   |              | 1.39 | .52  |      |   |   |     | 1.83 |     |     |    |     |     |    |    |
| VIENNA                    | M 2.47 |              | 1.13 | .38  |      |   |   |     | .26  |     |     |    |     | .02 |    |    |
| LOWER SOUTHERN 03         |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| MECHANICSVILLE 5 NE       | 3.71   |              | .51  | 1.70 |      |   |   | T   | .79  | .05 |     |    |     | .01 |    |    |
| SOLOMONS                  | M 2.36 |              | .50  | *    | 1.29 |   |   |     | .17  | *   | .12 |    |     |     |    |    |
| UPPER SOUTHERN 04         |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| ANNAPOLIS POLICE BRKS     | 3.83   |              | 1.28 | .89  |      |   |   | .52 |      |     |     |    |     |     |    |    |
| BALTIMORE WASH INTL AP R  | 3.81   | .26          | 1.63 | .17  |      |   |   | .08 | .08  |     |     |    |     |     |    |    |
| BELTSVILLE                | 3.41   |              | .70  | 1.44 |      |   |   |     | .14  |     |     |    |     |     |    |    |
| DALECARLIA RESERVOIR      | 4.41   |              | .68  | 1.75 |      |   |   |     | .35  |     |     |    |     |     |    |    |
| GLENN DALE BELL STN       | M 2.93 | *            | *    | *    | 1.90 |   |   |     | .16  |     |     |    |     |     |    |    |
| LAUREL 3 W                | 4.11   |              | .24  | 1.91 | .18  |   |   | .09 | .21  |     |     |    |     |     |    |    |
| MD SCI CTR BALTIMORE R    | 3.30   | .31          | 1.32 | .22  |      |   |   | .06 | .04  |     |     |    |     |     |    |    |
| NATIONAL ARBORETUM DC     | 3.57   |              | .57  | 1.73 | T    |   |   |     | .30  | .02 |     |    |     |     |    |    |
| OXON HILL                 | 3.64   |              | .59  | 1.50 |      |   |   |     | .27  |     |     |    |     | .02 |    |    |
| UPPER MARLBORO 3 NNW      | 3.90   |              | .39  | 1.46 |      |   |   |     | .70  | .02 |     |    |     |     |    |    |
| NORTHERN EASTERN SHORE 05 |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| CHESTERTOWN               | 4.82   | .05          | 1.20 | .79  |      |   |   | .06 | .55  |     |     |    |     |     |    |    |
| NORTHERN CENTRAL 06       |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| ABERDEEN PHILLIPS FLD     | M 3.31 |              | *    | 2.79 |      |   |   |     | .17  |     |     |    |     |     |    |    |
| CATOCTIN MOUNTAIN PARK    | 4.03   |              | 2.00 |      |      |   |   |     | .24  |     |     |    |     |     |    |    |
| CONOWINGO DAM             | M      | -            | -    | -    | -    | - | - | -   | -    | -   | -   | -  | -   | -   | -  | -  |
| CYLBURN                   | M 3.77 |              | 1.68 | .48  | .03  |   |   |     | .11  |     |     |    |     |     |    | -  |
| DAMASCUS 3 SSW            | 4.78   | .10          | 2.31 | .03  |      |   |   | .15 | .06  |     |     |    |     |     |    |    |
| EMMITSBURG 2 SE           | M 4.00 |              | 2.15 | .05  |      |   |   |     | .35  |     |     |    |     |     |    |    |
| FREDERICK 2 NNE           | M      | -            | -    | -    | -    | - | - | -   | -    | -   | -   | -  | -   | -   | -  | -  |
| MILLERS 4 NE              | 4.21   | T            | 1.92 | .30  | T    |   |   |     | .33  |     |     |    |     |     |    |    |
| PORT DEPOSIT 2 NE         | M 4.23 |              | .62  | 2.38 |      |   |   |     | .29  |     |     |    |     |     |    |    |
| POTOMAC FILTER PLANT      | 4.09   |              | .23  | 2.00 |      |   |   |     | .20  | .11 |     |    |     |     |    |    |
| ROCKVILLE 1 NE            | 3.83   | .30          | 1.67 | .02  |      |   |   | .12 |      |     |     |    |     |     |    |    |
| SMITHSBURG 2NW            | 3.18   |              | .44  | 1.05 |      |   |   |     | .35  |     |     |    |     |     |    |    |
| APPALACHIAN MOUNTAIN 07   |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| CUMBERLAND 2              | 2.55   |              | .59  | .26  | .02  |   |   |     | .25  |     |     |    |     |     |    |    |
| CUMBERLAND POLICE BRK     | M 2.14 |              | .88  | .08  |      |   |   |     | .20  |     |     |    |     |     |    |    |
| FROSTBURG 2               | 2.73   |              | .33  | .44  | .06  |   |   |     | .17  |     |     |    |     | T   |    |    |
| HAGERSTOWN POLICE BRK     | 2.97   |              | 1.40 | .04  |      |   |   |     | .21  |     |     |    |     |     |    |    |
| SHARPSBURG 5 S            | 3.96   |              | .29  | 1.45 | T    |   |   |     | .45  |     |     |    |     |     |    |    |
| WILLIAMSPORT              | M 2.08 |              | .31  | .65  |      |   |   |     | -    |     |     |    |     |     |    |    |
| ALLEGHENY PLATEAU 08      |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| OAKLAND 1 SE              | 2.99   | T            | .68  | .12  |      |   |   | T   | .20  |     |     |    |     |     |    |    |
| SAVAGE RIVER DAM          | 2.10   |              | .23  | .39  | T    |   |   |     | .24  |     |     |    |     |     |    |    |
| DELAWARE                  |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| NORTHERN 01               |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| BEAR 2 SW                 | 4.90   | .06          | 2.16 | .49  |      |   |   | .12 | .20  |     |     |    |     |     |    |    |
| NEWARK UNIV FARM          | 4.92   |              | 2.31 | .13  |      |   |   | .10 | .24  |     |     |    |     |     |    |    |
| WILMINGTON NEW CASTLE R   | 5.12   | .06          | 2.18 | .30  |      |   |   | .08 | .27  |     |     |    |     |     |    |    |
| WILMINGTON PORTER RSVR    | 6.21   | .08          | 2.66 | .30  |      |   |   | .13 | .24  |     |     |    |     |     |    |    |
| SOUTHERN 02               |        |              |      |      |      |   |   |     |      |     |     |    |     |     |    |    |
| DOVER                     | 5.65   |              | 2.00 | .10  |      |   |   |     | 2.25 |     |     |    |     |     |    |    |
| GREENWOOD 2NE             | 3.22   |              | .40  | 1.36 | .02  |   |   |     | .25  | .13 |     |    |     |     |    |    |
| LEWES                     | 2.66   |              | 2.00 | .06  |      |   |   |     | .14  | .01 |     |    |     |     |    |    |
| SMYRNA 1 W                | M      | -            | -    | -    | -    | - | - | -   | -    | -   | -   | -  | -   | -   | -  | -  |

## DAILY PRECIPITATION ( INCHES )

| STATION                   | DAY OF MONTH |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
|---------------------------|--------------|----|----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|------|----|
|                           | 16           | 17 | 18 | 19  | 20  | 21  | 22  | 23   | 24   | 25  | 26  | 27  | 28  | 29  | 30   | 31 |
| <b>MARYLAND</b>           |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| SOUTHERN EASTERN SHORE 01 |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| ASSATEAGUE                |              |    |    |     |     |     | .03 | .04  | .01  |     | .08 | .26 |     |     | .01  |    |
| PRINCESS ANNE             |              |    |    |     |     |     | .09 | *    | *    | .23 |     | *   | .03 |     |      |    |
| SALISBURY                 |              |    |    |     |     | .04 | .03 | .05  | .23  |     |     |     | .04 |     | .05  |    |
| SALISBURY POLICE BRKS     |              |    |    |     |     |     | .30 | .06  | .29  | .01 |     | *   | .10 |     | .08  |    |
| SALISBURY FAA AP          |              |    |    |     |     | .04 | .01 | .15  | T    |     | .01 | .05 |     |     | .05  |    |
| SNOW HILL 4 N             |              |    |    |     |     |     | .06 | .02  | .07  |     |     | .07 | .01 |     | .05  |    |
| CENTRAL EASTERN SHORE 02  |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| ROYAL OAK 2 SSW           |              |    |    |     |     | .04 | .11 | .17  | .39  |     |     | T   |     |     | .36  |    |
| VIENNA                    |              |    |    |     |     |     | .15 |      | .33  | .02 |     | .18 |     |     | -    |    |
| LOWER SOUTHERN 03         |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| MECHANICSVILLE 5 NE       |              |    |    |     | T   |     | .10 | .01  | .23  | T   |     | T   |     |     | .31  |    |
| SOLOMONS                  |              |    |    |     |     |     | .14 | *    | .14  |     |     |     |     |     | -    |    |
| UPPER SOUTHERN 04         |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| ANNAPOLIS POLICE BRKS     |              |    |    |     |     | .06 | .12 | .04  | .19  |     |     |     |     |     | .73  |    |
| BALTIMORE WASH INTL AP R  |              |    |    |     |     | .03 | .06 | .24  | T    | T   | T   | .01 |     | T   | 1.25 |    |
| BELTSVILLE                |              |    |    |     |     |     | .28 | .13  | .22  |     |     | T   |     |     | .50  |    |
| DALECARLIA RESERVOIR      |              |    |    |     |     |     | .44 | .09  | .33  | .10 |     |     |     |     | .67  |    |
| GLENN DALE BELL STN       |              |    |    |     |     |     | .23 |      |      | .44 |     | .20 |     |     | -    |    |
| LAUREL 3 W                |              |    |    |     |     | .11 |     | .30  |      |     |     |     |     |     | 1.07 |    |
| MD SCI CTR BALTIMORE R    |              |    |    |     |     |     | .04 | .29  |      |     |     | .02 |     |     | 1.00 |    |
| NATIONAL ARBORETUM DC     |              |    |    |     |     |     | .36 | .11  | .36  | .02 |     | .04 |     |     | .06  |    |
| OXON HILL                 |              |    |    |     | .01 |     | .29 | .08  | .31  | T   |     | .01 | T   |     | .56  |    |
| UPPER MARLBORO 3 NNW      |              |    |    |     |     |     | .24 | .01  | .48  |     |     | T   |     |     | .60  |    |
| NORTHERN EASTERN SHORE 05 |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| CHESTERTOWN               |              |    |    |     |     | T   | .02 | .91  | .02  |     | T   | .63 |     |     | .59  |    |
| NORTHERN CENTRAL 06       |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| ABERDEEN PHILLIPS FLD     |              |    |    |     |     |     | .01 |      |      | .34 |     |     |     |     | -    |    |
| CATOCTIN MOUNTAIN PARK    |              |    |    | .05 |     | .07 | .10 | .83  | .17  | .03 |     | .08 |     |     | .46  |    |
| CONOWINGO DAM             | -            | -  | -  | -   | -   | -   | -   | -    | -    | -   | -   | -   | -   | -   | -    |    |
| CYLBURN                   |              |    |    |     |     |     | .11 | .13  | .64  | *   | .02 | .04 |     |     | .53  |    |
| DAMASCUS 3 SSW            |              |    |    |     |     | .12 | .25 | .85  | T    | T   |     | .01 |     |     | .90  |    |
| EMMITSBURG 2 SE           |              |    |    |     | .05 |     | .05 | -    | .65  | .02 |     | .10 |     | .05 | .53  |    |
| FREDERICK 2 NNE           | -            | -  | -  | -   | -   | -   | -   | -    | -    | -   | -   | -   | -   | -   | -    |    |
| MILLERS 4 NE              |              |    |    | .03 |     | T   | .03 | .58  | .39  | .02 |     | .06 | T   | T   | .55  |    |
| PORT DEPOSIT 2 NE         |              |    |    |     |     |     |     | .22  | .67  |     |     | .05 |     |     | -    |    |
| POTOMAC FILTER PLANT      |              |    |    |     |     |     | .10 | .23  | .42  |     |     |     |     |     | .80  |    |
| ROCKVILLE 1 NE            |              |    |    |     |     | .22 | .24 | .35  | .01  |     | T   |     |     | T   | .90  |    |
| SMITHSBURG 2NW            |              |    |    |     |     |     |     | .63  | .19  | .01 |     | .10 |     |     | .41  |    |
| APPALACHIAN MOUNTAIN 07   |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| CUMBERLAND 2              |              |    |    |     |     |     | .02 | .96  | .22  | .03 |     | .01 |     | .01 | .18  |    |
| CUMBERLAND POLICE BRK     |              |    |    |     |     |     | .50 | .20  | -    | -   |     | -   |     | T   | .28  |    |
| FROSTBURG 2               |              |    |    |     |     | T   |     | 1.33 | .01  | .15 |     | .01 | .04 | .01 | .18  |    |
| HAGERSTOWN POLICE BRK     |              |    |    | T   |     | .08 | .30 | .79  | .10  | .02 |     | .03 |     |     | T    |    |
| SHARPSBURG 5 S            |              |    |    |     | .05 |     | .16 | .52  | .31  | .01 |     |     |     | T   | .72  |    |
| WILLIAMSPORT              |              |    |    |     |     |     | .06 | .55  | .21  | .03 |     |     |     |     | .27  |    |
| ALLEGHENY PLATEAU 08      |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| OAKLAND 1 SE              |              |    |    |     |     | .05 | .26 | .76  | .06  | .10 |     | .09 |     | .08 | .59  |    |
| SAVAGE RIVER DAM          |              |    |    |     |     |     | .06 | .80  | .03  | .12 |     | .05 | T   | T   | .18  |    |
| <b>DELAWARE</b>           |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| NORTHERN 01               |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| BEAR 2 SW                 |              |    |    |     |     |     | .01 | .78  | T    |     | T   | .18 | T   | T   | .90  |    |
| NEWARK UNIV FARM          |              |    |    |     |     |     | *   | *    | 1.38 |     |     | .15 |     |     | .61  |    |
| WILMINGTON NEW CASTLE R   |              |    |    |     | T   | T   | T   | 1.18 | T    |     | .01 | .16 | T   | T   | .88  |    |
| WILMINGTON PORTER RSVR    |              |    |    |     |     |     | .05 | 1.64 |      |     |     | .25 |     |     | .86  |    |
| SOUTHERN 02               |              |    |    |     |     |     |     |      |      |     |     |     |     |     |      |    |
| DOVER                     |              |    |    |     |     |     | T   | .02  | .39  |     |     | .06 |     |     | .83  |    |
| GREENWOOD 2NE             |              |    |    |     |     |     | .05 | .03  | .39  | T   |     | .31 |     |     | .28  |    |
| LEWES                     |              |    |    |     |     | .03 | .02 | .05  | .07  |     |     | .01 |     |     | .27  |    |
| SMYRNA 1 W                | -            | -  | -  | -   | -   | -   | -   | -    | -    | -   | -   | -   | -   | -   | -    |    |

# DAILY TEMPERATURES (°F )

| STATION                   | OB. TIME | MAX/MIN | DAY OF MONTH |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------------|----------|---------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                           |          |         | 1            | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| <b>MARYLAND</b>           |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SOUTHERN EASTERN SHORE 01 |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ASSATEAGUE                | 07       | MAX     | 51           | 58 | 53 | 53 | 65 | 62 | 63 | 64 | 60 | 55 | 59 | 55 | 52 | 54 | 56 |
|                           |          | MIN     | 41           | 44 | 44 | 44 | 45 | 42 | 46 | 48 | 46 | 42 | 38 | 34 | 32 | 41 | 42 |
| PRINCESS ANNE             | 17       | MAX     | 64           |    |    | 67 | 68 | 81 | 80 | 75 |    |    | 62 | 60 |    | 63 | 62 |
|                           |          | MIN     | 45           |    |    | 37 | 30 | 43 | 56 | 50 |    |    | 31 | 28 |    | 32 | 33 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| SALISBURY                 | 17       | MAX     | 63           | 63 | 61 | 65 | 68 | 81 | 80 | 80 | 60 | 71 | 71 | 56 | 60 | 61 | 58 |
|                           |          | OBS     |              |    | 49 |    |    |    |    |    |    |    |    |    |    |    |    |
|                           |          | MIN     | 47           | 47 | 42 | 45 | 42 | 47 | 59 | 50 | 43 | 38 | 47 | 37 | 37 | 37 | 42 |
| SALISBURY POLICE BRKS     | 17       | MAX     | 62           | 62 | 57 | 64 | 68 | 81 | 81 | 75 | 59 | 70 | 70 | 57 | 60 | 59 | 56 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                           |          | MIN     | 47           | 48 | 42 | 45 | 42 | 49 | 60 | 49 | 42 | 37 | 47 | 36 | 42 | 36 | 42 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    | 53 |    |    |    |
| SALISBURY FAA AP          | MID      | MAX     | 60           | 60 | 49 | 64 | 67 | 81 | 76 | 66 | 57 | 70 | 55 | 53 | 59 | 58 | 50 |
|                           |          | MIN     | 47           | 46 | 41 | 36 | 30 | 37 | 59 | 47 | 37 | 35 | 32 | 29 | 38 | 28 | 38 |
| SNOW HILL 4 N             | 17       | MAX     | 62           | 60 | 58 | 65 | 70 | 80 | 80 | 70 | 58 | 70 | 66 | 55 | 60 | 59 | 57 |
|                           |          | MIN     | 47           | 48 | 42 | 38 | 33 | 45 | 60 | 51 | 42 | 34 | 42 | 31 | 42 | 33 | 40 |
| CENTRAL EASTERN SHORE 02  |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ROYAL OAK 2 SSW           | 18       | MAX     | 62           | 63 | 59 | 64 | 67 | 81 | 76 | 69 | 65 | 70 | 69 | 60 | 63 | 66 | 66 |
|                           |          | MIN     | 47           | 47 | 40 | 46 | 37 | 51 | 60 | 55 | 43 | 37 | 44 | 36 | 45 | 36 | 41 |
| VIENNA                    | 18       | MAX     | 63           | 65 | 59 | 66 | 68 | 75 | 75 | 71 | 67 | 72 | 70 | 61 | 61 | 62 | 64 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    | 74 |    |
|                           |          | MIN     | 45           | 47 | 39 | 42 | 44 | 38 | 56 | 47 | 41 | 36 | 35 | 34 | 42 | 34 | 42 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    | 53 |    |    |    |
| LOWER SOUTHERN 03         |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| MECHANICSVILLE 5 NE       | 07       | MAX     | 53           | 58 | 61 | 52 | 66 | 72 | 85 | 76 | 69 | 63 | 72 | 64 | 54 | 60 | 63 |
|                           |          | MIN     | 44           | 45 | 39 | 34 | 33 | 33 | 53 | 61 | 42 | 33 | 33 | 34 | 42 | 34 | 36 |
| SOLOMONS                  | 08       | MAX     | 52           | 60 |    | 58 | 67 | 60 | 82 | 76 |    | 63 | 62 | 61 | 55 | 62 | 63 |
|                           |          | MIN     | 44           | 47 |    | 39 | 39 | 47 | 58 | 53 |    | 39 | 46 | 41 | 45 | 39 | 42 |
| UPPER SOUTHERN 04         |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ANNAPOLIS POLICE BRKS     | 17       | MAX     | 60           | 59 | 57 | 66 | 68 | 79 | 77 | 58 | 66 | 70 | 68 |    | 64 |    | 66 |
|                           |          | MIN     | 50           | 53 | 43 | 45 | 44 |    | 54 | 40 | 45 | 39 | 48 |    | 42 |    | 40 |
|                           |          | OBS     |              |    |    |    |    | 37 |    |    |    |    |    |    |    |    |    |
| BALTIMORE WASH INTL AP    | MID      | MAX     | 64           | 60 | 49 | 64 | 72 | 84 | 76 | 65 | 63 | 74 | 67 | 53 | 61 | 65 | 57 |
|                           |          | MIN     | 46           | 42 | 41 | 39 | 33 | 43 | 60 | 45 | 42 | 36 | 44 | 40 | 42 | 35 | 42 |
| BELTSVILLE                | 08       | MAX     | 54           | 65 | 60 | 49 | 63 | 71 | 83 | 75 | 65 | 65 | 75 | 70 | 55 | 62 | 66 |
|                           |          | MIN     | 45           | 47 | 40 | 41 | 32 | 36 | 47 | 59 | 42 | 35 | 41 | 39 | 43 | 34 | 42 |
| DALECARLIA RESERVOIR      | 08       | MAX     | 56           | 66 | 62 | 52 | 64 | 73 | 86 | 77 | 67 | 65 | 74 | 73 | 56 | 64 | 67 |
|                           |          | MIN     | 42           | 43 | 36 | 35 | 35 | 36 | 45 | 55 | 40 | 35 | 43 | 37 | 42 | 34 | 38 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| GLENN DALE BELL STN       | 08       | MAX     | 55           | 66 | 58 | 48 | 66 | 75 | 87 | 77 | 66 | 66 | 77 | 70 | 56 | 64 | 66 |
|                           |          | MIN     | 43           | 46 | 39 | 36 | 29 | 29 | 42 | 59 | 40 | 32 | 32 | 35 | 35 | 31 | 32 |
| MD SCI CTR BALTIMORE      | MID      | MAX     | 62           | 61 | 50 | 64 | 68 | 80 | 78 | 65 | 63 | 74 | 68 | 53 | 64 | 66 | 59 |
|                           |          | MIN     | 47           | 46 | 42 | 45 | 44 | 50 | 60 | 53 | 48 | 43 | 39 | 38 | 47 | 46 | 44 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    | 33 |    |    |    |    |    |
| NATIONAL ARBORETUM DC     | 07       | MAX     | 55           | 65 | 62 | 51 | 66 | 73 | 86 | 76 | 64 | 67 | 75 | 71 | 55 | 64 | 68 |
|                           |          | OBS     |              |    |    |    |    |    |    |    | 76 |    |    |    |    |    |    |
|                           |          | MIN     | 46           | 47 | 40 | 41 | 36 | 43 | 55 | 59 | 44 | 38 | 48 | 41 | 44 | 39 | 44 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| OXON HILL                 | 08       | MAX     | 56           | 65 | 62 | 53 | 66 | 74 | 86 | 77 | 67 | 67 | 75 | 70 | 58 | 63 | 67 |
|                           |          | MIN     | 46           | 47 | 40 | 41 | 37 | 37 | 52 | 59 | 44 | 38 | 39 | 39 | 42 | 39 | 40 |
| UPPER MARLBORO 3 NNW      | 08       | MAX     | 54           | 62 | 60 | 50 | 65 | 73 | 86 | 75 | 63 | 64 | 75 | 67 | 54 | 62 | 65 |
|                           |          | MIN     | 43           | 46 | 39 | 38 | 32 | 37 | 50 | 58 | 41 | 35 | 39 | 35 | 42 | 35 | 42 |
| NORTHERN EASTERN SHORE 05 |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CHESTERTOWN               | 23       | MAX     | 67           | 54 | 48 | 67 | 71 | 84 | 78 | 65 | 65 | 75 | 69 | 61 | 62 | 62 | 58 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    | 65 |    |    |    |    | 69 |
|                           |          | MIN     | 43           | 42 | 44 | 46 | 35 | 45 | 57 | 49 | 40 | 35 | 42 | 34 | 36 | 34 | 39 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    | 59 |
| NORTHERN CENTRAL 06       |          |         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| ABERDEEN PHILLIPS FLD     | 12       | MAX     | 65           |    |    | 65 | 68 | 81 | 81 | 74 |    | 72 | 72 | 67 | 62 | 67 | 67 |
|                           |          | MIN     | 45           |    |    | 41 | 34 | 43 | 60 | 57 |    |    | 54 | 41 | 36 | 37 | 42 |
| CATOCTIN MOUNTAIN PARK    | 17       | MAX     | 61           | 57 | 48 | 60 | 69 | 82 | 73 | 68 | 65 | 72 | 68 | 64 | 61 | 66 | 64 |
|                           |          | MIN     | 40           | 42 | 33 | 37 | 41 | 51 | 57 | 48 | 42 | 43 | 48 | 34 | 36 | 37 | 36 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CONOWINGO DAM             | 07       | MAX     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                           |          | MIN     |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CYLBURN                   | 17       | MAX     |              | 58 | 54 | 64 | 71 | 84 |    |    | 67 |    |    |    |    | 67 |    |
|                           |          | MIN     |              | 45 | 40 | 39 | 35 | 46 |    |    | 41 |    |    |    |    | 37 |    |
| DAMASCUS 3 SSW            | 22       | MAX     | 64           | 57 | 46 | 62 | 70 | 83 | 73 | 66 | 61 | 72 | 63 | 56 | 61 | 64 | 56 |
|                           |          | MIN     | 45           | 40 | 38 | 38 | 33 | 51 | 60 | 52 | 40 | 38 | 53 | 38 | 38 | 38 | 37 |
|                           |          | OBS     |              |    |    |    |    |    |    |    |    | 48 |    |    |    |    |    |
| EMMITSBURG 2 SE           | 17       | MAX     | 62           | 65 | 62 | 63 | 69 | 82 | 82 | 71 | 73 | 78 | 78 | 71 | 72 | 71 | 66 |
|                           |          | OBS     |              | 57 | 50 |    |    |    |    |    |    | 66 | 65 |    |    | 81 |    |
|                           |          | MIN     | 44           | 45 | 39 | 38 | 28 | 38 | 51 | 51 | 32 | 32 | 33 | 39 | 28 | 39 | 32 |

DAILY TEMPERATURES ( °F )

| STATION                |    | DAY OF MONTH |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      | AVERAGE |
|------------------------|----|--------------|----|----|----|----|-----|----|----|----|----|----|-----|----|----|-----|------|---------|
|                        |    | 16           | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 24 | 25 | 26 | 27  | 28 | 29 | 30  | 31   |         |
| MARYLAND               |    |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| SOUTHERN EASTERN SHORE | 01 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| ASSATEAGUE             |    | 50           | 52 | 64 | 71 | 64 | 77  | 75 | 57 | 60 | 57 | 65 | 60  | 72 | 67 | 59  | 60.3 |         |
| PRINCESS ANNE          |    | 42           | 33 | 39 | 44 | 43 | 52  | 48 | 49 | 52 | 47 | 46 | 47  | 50 | 47 | 47  | 43.8 |         |
|                        |    |              | 25 |    | 40 | 52 | 49  | 45 |    |    | 65 | 73 | 73  | 68 |    |     | M    |         |
|                        |    |              |    | 25 |    | 49 | 45  |    |    |    | 42 | 36 |     | 45 | 43 |     | M    |         |
| SALISBURY              |    | 55           | 72 | 78 | 82 | 87 | 85  | 59 | 72 | 70 | 63 | 71 | 71  | 68 | 66 | 75  | 69.1 |         |
|                        |    | 38           | 35 | 45 | 48 | 58 | 56  | 50 | 51 | 45 | 45 | 44 | 56  | 51 | 49 | 55  | 46.2 |         |
| SALISBURY POLICE BRKS  |    | 54           | 72 | 78 | 86 | 89 | 86  | 59 | 72 | 72 | 64 | 74 | 73  | 73 | 68 | 76  | 69.2 |         |
|                        |    | 37           | 32 | 47 | 49 | 59 | 57  | 50 | 50 | 46 | 45 | 42 | *** | 57 | 50 | 47  | 46.2 |         |
|                        |    |              |    |    |    |    |     |    |    |    |    |    | *** |    |    |     |      |         |
| SALISBURY FAA AP       |    | 53           | 72 | 77 | 82 | 87 | 72  | 59 | 70 | 56 | 62 | 71 | 70  | 66 | 63 | 73  | 65.3 |         |
|                        |    | 29           | 28 | 35 | 38 | 50 | 47  | 46 | 53 | 42 | 40 | 32 | 41  | 44 | 39 | 53  | 39.9 |         |
| SNOW HILL 4 N          |    | 53           | 73 | 78 | 83 | 88 | 86  | 58 | 68 | 66 | 63 | 70 | 73  | 74 | 67 | 71  | 68.0 |         |
|                        |    | 40           | 29 | 39 | 42 | 53 | 56  | 50 | 48 | 45 | 42 | 39 | 54  | 46 | 44 | 54  | 43.6 |         |
| CENTRAL EASTERN SHORE  | 02 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| ROYAL OAK 2 SSW        |    | 61           | 72 | 77 | 83 | 86 | 83  | 58 | 71 | 66 | 63 | 70 | 71  | 69 | 66 | 70  | 68.9 |         |
|                        |    | 37           | 31 | 45 | 47 | 55 | 54  | 50 | 50 | 45 | 44 | 42 | 57  | 51 | 45 | 56  | 45.8 |         |
| VIENNA                 |    | 58           | 70 | 80 | 80 | 87 | 83  | 63 | 70 | 71 | 62 | 70 | 73  | 73 | 69 | 74  | 69.4 |         |
|                        |    |              |    |    |    |    |     |    |    |    |    |    |     |    |    | *** |      |         |
|                        |    | 43           | 30 | 42 | 42 | 42 | 51  | 41 | 46 | 44 | 41 | 42 | 54  | 49 | 46 | 52  | 42.9 |         |
|                        |    |              |    |    |    |    | 41  |    |    |    |    |    |     |    |    | *** |      |         |
| LOWER SOUTHERN         | 03 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| MECHANICSVILLE 5 NE    |    | 56           | 62 | 74 | 79 | 86 | 88  | 70 | 55 | 71 | 53 | 64 | 72  | 72 | 67 | 60  | 66.6 |         |
|                        |    | 35           | 29 | 39 | 48 | 46 | 56  | 51 | 50 | 43 | 42 | 38 | 44  | 46 | 45 | 48  | 41.9 |         |
| SOLOMONS               |    |              | 62 | 71 | 77 | 76 | 89  | 73 |    | 72 | 58 | 66 | 71  | 73 | 70 |     | 67.2 |         |
|                        |    |              | 37 | 51 | 51 | 59 | 61  | 51 |    | 46 | 44 | 48 | 55  | 49 | 54 |     | 47.4 |         |
| UPPER SOUTHERN         | 04 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| ANNAPOLIS POLICE BRKS  |    |              |    | 79 | 85 | 89 | 80  | 58 | 70 | 68 | 65 | 72 | 67  | 72 | 60 | 67  | 68.8 |         |
|                        |    |              |    | 64 | 49 | 59 | 57  | 50 | 52 | 42 | 42 | 46 | 55  | 48 | 57 | 56  | 48.2 |         |
| BALTIMORE WASH INTL AP |    | 60           | 74 | 77 | 86 | 86 | 75  | 52 | 71 | 49 | 63 | 71 | 71  | 67 | 59 | 67  | 66.7 |         |
|                        |    | 37           | 32 | 45 | 49 | 57 | 50  | 50 | 47 | 40 | 40 | 38 | 53  | 44 | 45 | 55  | 43.7 |         |
| BELTSVILLE             |    | 57           | 62 | 74 | 76 | 84 | 85  | 67 | 53 | 70 | 49 | 62 | 71  | 68 | 67 | 59  | 66.1 |         |
|                        |    | 33           | 32 | 39 | 46 | 52 | 58  | 51 | 50 | 41 | 40 | 39 | 49  | 47 | 46 | 52  | 43.3 |         |
| DALECARLIA RESERVOIR   |    | 62           | 64 | 75 | 80 | 87 | 87  | 68 | 57 | 72 | 53 | 64 | 72  | 71 | 69 | 61  | 68.1 |         |
|                        |    | 35           | 29 | 42 | 45 | 49 | 56  | 46 | 47 | 35 | 34 | 36 | 47  | 42 | 45 | 47  | 41.0 |         |
|                        |    |              |    |    |    |    |     |    |    |    | 45 |    |     |    |    |     |      |         |
| GLENN DALE BELL STN    |    | 57           | 62 | 77 | 80 | 87 | 87  | 67 | 52 | 71 | 50 | 65 | 74  | 71 | 70 | 60  | 67.6 |         |
|                        |    | 27           | 27 | 29 | 42 | 45 | 51  | 50 | 50 | 40 | 39 | 39 | 41  | 44 | 44 | 47  | 39.2 |         |
| MD SCI CTR BALTIMORE   |    | 61           | 76 | 77 | 87 | 87 | 76  | 54 | 70 | 52 | 62 | 72 | 70  | 69 | 60 | 66  | 67.1 |         |
|                        |    | 42           | 42 | 57 | 57 | 64 | 53  | 50 | 49 | 43 | 42 | 48 | 56  | 51 | 53 | 54  | 48.4 |         |
| NATIONAL ARBORETUM DC  |    | 59           | 64 | 76 | 79 | 87 | 87  | 68 | 54 | 71 | 51 | 65 | 73  | 71 | 68 | 60  | 67.7 |         |
|                        |    | 38           | 36 | 44 | 52 | 55 | 56  | 51 | 50 | 43 | 42 | 43 | 49  | 49 | 49 | 53  | 45.8 |         |
|                        |    |              |    |    |    |    | 65  |    |    |    |    |    |     |    |    |     |      |         |
| OXON HILL              |    | 57           | 63 | 77 | 79 | 86 | 88  | 71 | 54 | 72 | 52 | 65 | 73  | 72 | 70 | 61  | 68.2 |         |
|                        |    | 37           | 34 | 44 | 47 | 52 | 54  | 50 | 50 | 43 | 40 | 44 | 45  | 48 | 47 | 53  | 44.3 |         |
| UPPER MARLBORO 3 NNW   |    | 56           | 60 | 75 | 78 | 86 | 87  | 68 | 55 | 71 | 51 | 64 | 73  | 70 | 68 | 61  | 66.6 |         |
|                        |    | 32           | 30 | 36 | 48 | 53 | 61  | 50 | 50 | 42 | 40 | 38 | 48  | 47 | 45 | 51  | 42.8 |         |
| NORTHERN EASTERN SHORE | 05 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| CHESTERTOWN            |    | 63           | 79 | 81 | 87 | 90 | 71  | 59 | 72 | 55 | 64 | 75 | 75  | 70 | 59 | 66  | 68.4 |         |
|                        |    |              |    |    |    |    |     |    |    | 45 |    |    |     |    |    |     |      |         |
|                        |    | 33           | 31 | 41 | 45 | 53 | 51  | 43 | 45 | 41 | 40 | 41 | 50  | 47 | 46 | 52  | 42.7 |         |
|                        |    |              |    |    |    |    |     |    |    |    |    |    |     |    | 41 |     |      |         |
| NORTHERN CENTRAL       | 06 |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     |      |         |
| ABERDEEN PHILLIPS FLD  |    | 61           |    | 76 | 84 | 86 | 85  | 61 |    |    | 61 | 72 | 71  | 68 | 65 |     | 70.9 |         |
|                        |    |              |    | 46 | 48 | 54 | 57  | 50 |    |    | 42 | 42 | 57  | 46 | 48 |     | 46.7 |         |
| CATOCTIN MOUNTAIN PARK |    | 61           | 71 | 74 | 80 | 83 | 79  | 58 | 67 | 54 | 54 | 70 | 66  | 61 | 56 | 59  | 65.7 |         |
|                        |    | 34           | 42 | 43 | 46 | 61 | 46  | 44 | 44 | 32 | 33 | 42 | 48  | 40 | 44 | 48  | 42.4 |         |
|                        |    |              |    | 53 | 58 |    |     |    |    |    |    |    |     |    |    |     |      |         |
| CONOWINGO DAM          |    |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     | M    |         |
|                        |    |              |    |    |    |    |     |    |    |    |    |    |     |    |    |     | M    |         |
| CYLBURN                |    | 64           | 75 |    | 85 | 85 | 85  | 60 | 68 | 65 |    | 60 | 69  | 68 | 65 | 58  | M    |         |
|                        |    | 34           | 34 |    |    | 63 | 53  | 47 | 48 | 39 |    | 38 | 49  | 47 | 47 | 49  | M    |         |
| DAMASCUS 3 SSW         |    | 64           | 72 | 76 | 83 | 83 | 74  | 52 | 71 | 49 | 59 | 70 | 66  | 65 | 57 | 62  | 65.2 |         |
|                        |    | 33           | 39 | 50 | 49 | 54 | 48  | 46 | 47 | 36 | 37 | 43 | 50  | 43 | 45 | 51  | 43.7 |         |
|                        |    |              |    |    | 59 |    |     |    |    |    |    |    |     |    |    |     |      |         |
| EMMITSBURG 2 SE        |    | 66           | 75 | 79 | 86 | 88 | 86  | 64 | 78 | 69 | 68 | 70 | 66  | 66 | 62 | 72  | 72.0 |         |
|                        |    |              | 65 | 67 | 68 | 71 | *** | 87 |    |    |    |    |     |    | 73 |     |      |         |
|                        |    | 27           | 32 | 33 | 34 | 50 | 39  | 39 | 35 | 34 | 35 | 32 | 53  | 41 | 41 | 49  | 38.1 |         |

# DAILY TEMPERATURES (°F )

| STATION                                 | OB. TIME | MAX/MIN                  | DAY OF MONTH         |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|-----------------------------------------|----------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                                         |          |                          | 1                    | 2                    | 3                    | 4                    | 5                    | 6                    | 7                    | 8                    | 9                    | 10                   | 11                   | 12                   | 13                   | 14                   | 15                   |
| FREDERICK 2 NNE                         | 07       | OBS<br>MAX<br>MIN        |                      |                      |                      |                      |                      | 28                   |                      |                      |                      | 42                   |                      |                      |                      |                      |                      |
| MILLERS 4 NE                            | 18       | MAX<br>MIN               | 64<br>43             | 58<br>43             | 49<br>37             | 60<br>37             | 69<br>32             | 81<br>46             | 78<br>55             | 68<br>51             | 64<br>41             | 73<br>36             | 72<br>49             | 63<br>35             | 61<br>34             | 66<br>39             | 66<br>37             |
| PORT DEPOSIT 2 NE                       | 07       | MAX<br>MIN               | 50<br>41             | 66<br>43             | 60<br>37             | 43<br>36             | 65<br>37             | 71<br>37             | 80<br>47             | 75<br>56             | 70<br>42             | 69<br>37             | 76<br>37             | 69<br>35             | 60<br>36             | 65<br>36             | 70<br>38             |
| ROCKVILLE 1 NE                          | MID      | MAX<br>OBS<br>MIN<br>OBS | 63<br>41<br>43<br>41 | 57<br>38<br>43<br>37 | 45<br>37<br>37<br>37 | 60<br>37<br>33<br>53 | 70<br>33<br>66<br>70 | 82<br>45<br>66<br>82 | 72<br>56<br>66<br>82 | 62<br>45<br>66<br>82 | 72<br>37<br>66<br>67 | 64<br>32<br>66<br>73 | 67<br>44<br>66<br>69 | 51<br>36<br>66<br>69 | 60<br>41<br>66<br>56 | 67<br>33<br>66<br>63 | 56<br>35<br>68<br>68 |
| SMITHSBURG 2NW                          | 08       | MAX<br>OBS<br>MIN<br>OBS | 51<br>37<br>46<br>38 | 65<br>46<br>36<br>38 | 51<br>38<br>36<br>38 | 51<br>38<br>35<br>38 | 60<br>30<br>36<br>31 | 70<br>33<br>44<br>41 | 82<br>43<br>53<br>50 | 82<br>53<br>40<br>53 | 67<br>45<br>38<br>64 | 67<br>37<br>38<br>75 | 73<br>44<br>46<br>76 | 69<br>37<br>38<br>75 | 56<br>35<br>38<br>75 | 63<br>33<br>40<br>67 | 68<br>33<br>31<br>68 |
| APPALACHIAN<br>MOUNTAIN<br>CUMBERLAND 2 | 07       | MAX<br>OBS<br>MIN<br>OBS | 68<br>46<br>64<br>39 | 58<br>36<br>59<br>39 | 52<br>36<br>50<br>35 | 64<br>35<br>60<br>39 | 77<br>36<br>74<br>31 | 85<br>44<br>81<br>41 | 83<br>53<br>80<br>50 | 71<br>52<br>70<br>50 | 69<br>38<br>64<br>35 | 78<br>38<br>75<br>35 | 75<br>46<br>76<br>44 | 71<br>38<br>75<br>34 | 66<br>38<br>75<br>34 | 70<br>40<br>67<br>33 | 68<br>31<br>68<br>40 |
| CUMBERLAND POLICE BRK                   | 17       | MAX<br>OBS<br>MIN<br>OBS | 64<br>39<br>63<br>39 | 59<br>39<br>45<br>45 | 50<br>35<br>39<br>38 | 60<br>39<br>38<br>33 | 74<br>31<br>70<br>33 | 81<br>41<br>83<br>49 | 80<br>50<br>84<br>49 | 80<br>50<br>72<br>55 | 64<br>35<br>72<br>42 | 75<br>35<br>69<br>39 | 76<br>44<br>72<br>50 | 75<br>34<br>69<br>38 | 75<br>34<br>61<br>38 | 67<br>33<br>66<br>40 | 68<br>40<br>67<br>41 |
| FROSTBURG 2                             | 07       | MAX<br>MIN<br>OBS        | 57<br>38<br>63       | 62<br>41<br>64       | 48<br>29<br>52       | 42<br>29<br>62       | 56<br>35<br>70       | 72<br>35<br>83       | 79<br>40<br>84       | 72<br>50<br>72       | 65<br>37<br>72       | 63<br>37<br>69       | 73<br>37<br>72       | 70<br>33<br>69       | 51<br>32<br>61       | 60<br>37<br>66       | 64<br>36<br>67       |
| HAGERSTOWN POLICE BRK                   | 17       | MAX<br>OBS<br>MIN<br>OBS | 63<br>39<br>53<br>38 | 64<br>45<br>66<br>40 | 52<br>39<br>57<br>41 | 62<br>38<br>51<br>27 | 70<br>33<br>63<br>31 | 83<br>49<br>74<br>31 | 84<br>49<br>85<br>45 | 72<br>55<br>77<br>57 | 72<br>42<br>69<br>36 | 69<br>39<br>68<br>35 | 72<br>50<br>74<br>35 | 69<br>38<br>70<br>32 | 61<br>38<br>57<br>32 | 66<br>40<br>64<br>32 | 67<br>41<br>69<br>32 |
| SHARPSBURG 5 S                          | 07       | MAX<br>OBS<br>MIN<br>OBS | 53<br>38<br>52<br>65 | 66<br>40<br>65<br>38 | 57<br>41<br>55<br>41 | 51<br>27<br>50<br>34 | 63<br>31<br>63<br>32 | 74<br>31<br>72<br>32 | 85<br>45<br>85<br>38 | 77<br>57<br>77<br>52 | 69<br>36<br>68<br>46 | 68<br>35<br>68<br>37 | 74<br>35<br>75<br>36 | 70<br>32<br>71<br>38 | 57<br>32<br>57<br>36 | 64<br>32<br>66<br>35 | 69<br>32<br>70<br>38 |
| WILLIAMSPORT                            | 06       | MAX<br>OBS<br>MIN<br>OBS | 52<br>65<br>37<br>61 | 65<br>38<br>41<br>55 | 55<br>41<br>45<br>55 | 50<br>34<br>40<br>55 | 63<br>32<br>74<br>76 | 72<br>32<br>76<br>76 | 85<br>38<br>80<br>60 | 77<br>52<br>77<br>64 | 69<br>46<br>66<br>64 | 68<br>37<br>66<br>73 | 75<br>36<br>72<br>71 | 71<br>38<br>69<br>71 | 57<br>36<br>52<br>57 | 66<br>35<br>61<br>63 | 70<br>38<br>66<br>63 |
| ALLEGHENY PLATEAU<br>OAKLAND 1 SE       | 08       | MAX<br>OBS<br>MIN<br>OBS | 61<br>36<br>62<br>44 | 55<br>36<br>58<br>44 | 44<br>28<br>46<br>38 | 55<br>35<br>63<br>39 | 74<br>28<br>67<br>35 | 76<br>36<br>75<br>46 | 76<br>54<br>74<br>56 | 64<br>49<br>62<br>46 | 64<br>38<br>63<br>42 | 73<br>31<br>74<br>36 | 71<br>36<br>63<br>38 | 71<br>34<br>54<br>37 | 57<br>39<br>60<br>37 | 63<br>29<br>66<br>35 | 63<br>35<br>66<br>40 |
| SAVAGE RIVER DAM                        | 08       | MAX<br>OBS<br>MIN<br>OBS | 59<br>41<br>62<br>44 | 62<br>42<br>62<br>44 | 48<br>32<br>48<br>38 | 40<br>29<br>40<br>40 | 57<br>28<br>57<br>38 | 72<br>33<br>77<br>48 | 77<br>48<br>69<br>50 | 69<br>50<br>66<br>47 | 66<br>34<br>66<br>44 | 66<br>35<br>72<br>42 | 72<br>35<br>69<br>41 | 69<br>38<br>69<br>37 | 52<br>38<br>52<br>41 | 61<br>32<br>61<br>41 | 66<br>32<br>66<br>40 |
| DELAWARE<br>NORTHERN<br>BEAR 2 SW       | 01       | MID                      | MAX<br>MIN           | 64<br>45             | 56<br>45             | 45<br>39             | 63<br>43             | 67<br>31             | 80<br>41             | 75<br>53             | 62<br>44             | 63<br>40             | 73<br>38             | 64<br>33             | 59<br>33             | 65<br>31             | 56<br>42             |
| NEWARK UNIV FARM                        | 17       | MAX<br>MIN               | 55<br>39             | 49<br>38             | 44<br>36             | 61<br>40             | 67<br>34             | 74<br>47             | 73<br>52             | 69<br>44             | 61<br>40             | 74<br>35             | 69<br>37             | 55<br>37             | 59<br>37             | 67<br>37             | 62<br>41             |
| WILMINGTON NEW CASTLE                   | MID      | MAX<br>MIN               | 62<br>44             | 58<br>44             | 46<br>38             | 63<br>39             | 67<br>35             | 75<br>46             | 74<br>56             | 62<br>46             | 63<br>42             | 74<br>36             | 63<br>38             | 54<br>37             | 60<br>37             | 66<br>35             | 56<br>40             |
| WILMINGTON PORTER RSVR                  | MID      | MAX<br>MIN               | 54<br>38             | 61<br>44             | 45<br>38             | 60<br>40             | 65<br>38             | 76<br>48             | 74<br>57             | 61<br>47             | 71<br>44             | 63<br>42             | 55<br>41             | 57<br>37             | 63<br>41             | 54<br>41             | 54<br>40             |
| SOUTHERN<br>DOVER                       | 02       | 16                       | MAX<br>MIN<br>OBS    | 58<br>44<br>54       | 63<br>45<br>64       | 63<br>39<br>64       | 60<br>45<br>49       | 66<br>35<br>64       | 80<br>46<br>68       | 80<br>61<br>81       | 75<br>44<br>75       | 60<br>41<br>62       | 69<br>37<br>60       | 66<br>39<br>71       | 54<br>36<br>58       | 57<br>36<br>58       | 59<br>34<br>56       |
| GREENWOOD 2NE                           | 07       | MAX<br>MIN               | 54<br>43             | 64<br>45             | 64<br>38             | 49<br>42             | 64<br>35             | 68<br>36             | 81<br>47             | 75<br>60             | 62<br>39             | 60<br>33             | 71<br>35             | 56<br>31             | 58<br>36             | 56<br>32             | 62<br>35             |
| LEWES                                   | 17       | MAX<br>MIN               | 54<br>45             | 56<br>44             | 55<br>40             | 64<br>42             | 65<br>44             | 83<br>50             | 82<br>62             | 72<br>49             | 54<br>44             | 69<br>43             | 70<br>48             | 53<br>37             | 52<br>43             | 54<br>40             | 51<br>43             |
| SMYRNA 1 W                              | 07       | MAX<br>MIN               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |

# DAILY TEMPERATURES ( °F )

| STATION                              |  | DAY OF MONTH |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        | AVERAGE |
|--------------------------------------|--|--------------|----|----|----|----|----|----|----|----|----|----|-----|-----|----|-----|-----|--------|---------|
|                                      |  | 16           | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27  | 28  | 29 | 30  | 31  |        |         |
| FREDERICK 2 NNE                      |  |              |    |    |    | 39 |    |    |    | 47 |    |    |     |     | 50 |     |     | M<br>M |         |
| MILLERS 4 NE                         |  | 63           | 72 | 75 | 82 | 82 | 80 | 59 | 68 | 56 | 55 | 69 | 65  | 62  | 58 | 60  |     | 66.6   |         |
| PORT DEPOSIT 2 NE                    |  | 30           | 36 | 49 | 51 | 57 | 52 | 39 | 45 | 36 | 35 | 41 | 51  | 44  | 43 | 49  |     | 42.4   |         |
| ROCKVILLE 1 NE                       |  | 62           | 66 | 77 | 78 | 86 | 86 | 63 | 50 | 67 | 50 | 58 | 71  | 70  | 66 | 64  |     | 66.8   |         |
|                                      |  | 35           | 35 | 35 | 48 | 53 | 56 | 42 | 44 | 40 | 36 | 38 | 46  | 44  | 44 | 46  |     | 41.2   |         |
|                                      |  | 61           | 70 | 73 | 79 | 81 | 71 | 51 | 66 | 43 | 58 | 67 | 64  | 63  | 53 | 63  |     | 63.6   |         |
|                                      |  | 31           | 32 | 51 | 44 | 48 | 46 | 44 | 41 | 35 | 37 | 35 | 49  | 41  | 44 | 50  |     | 40.6   |         |
| SMITHSBURG 2NW                       |  | 58           | 64 | 71 | 77 | 80 | 82 | 61 | 53 | 70 | 46 | 58 | 69  | 64  | 62 | 62  |     | 65.1   |         |
|                                      |  | 28           | 28 | 42 | 46 | 46 | 54 | 41 | 48 | 36 | 38 | 57 | 71  | *** |    |     |     |        |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    | 32 | 43  | *** | 37 | 44  | 44  | 39.6   |         |
| APPALACHIAN MOUNTAIN CUMBERLAND 2 07 |  | 68           | 77 | 81 | 83 | 84 | 82 | 59 | 65 | 50 | 59 | 73 | 68  | 62  | 55 | 67  |     | 69.6   |         |
|                                      |  | 31           | 34 | 47 | 48 | 47 | 47 | 47 | 48 | 34 | 37 | 40 | 45  | 46  | 46 | 57  |     | 41.6   |         |
|                                      |  |              |    |    |    |    |    |    | 37 |    |    |    |     |     |    | 45  |     |        |         |
| CUMBERLAND POLICE BRK                |  | 64           | 75 | 78 | 79 | 81 | 81 | 60 | 63 | 54 | 58 | 71 | 70  | 59  | 54 | 66  |     | 68.4   |         |
|                                      |  | 29           | 31 | 44 | 46 | 48 | 68 | 53 | 46 | 50 | 34 | 35 | *** | 47  | 39 | 56  |     | 40.3   |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    |    | *** |     |    | 48  |     |        |         |
| FROSTBURG 2                          |  | 58           | 62 | 71 | 73 | 75 | 78 | 56 | 48 | 61 | 38 | 53 | 66  | 57  | 56 | 48  |     | 61.1   |         |
|                                      |  | 31           | 32 | 29 | 46 | 52 | 52 | 45 | 42 | 30 | 29 | 33 | 41  | 38  | 38 | 41  |     | 37.5   |         |
|                                      |  |              |    | 38 |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| HAGERSTOWN POLICE BRK                |  | 62           | 71 | 76 | 81 | 84 | 83 | 60 | 69 | 53 | 58 | 71 | 69  | 66  | 57 | 64  |     | 68.3   |         |
|                                      |  | 33           | 33 | 43 | 47 | 51 | 51 | 44 | 49 | 38 | 36 | 38 | 53  | 42  | 46 | 46  |     | 42.8   |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    |    | 38  |     |    |     |     |        |         |
| SHARPSBURG 5 S                       |  | 60           | 65 | 74 | 78 | 84 | 85 | 62 | 53 | 71 | 49 | 62 | 73  | 68  | 66 | 57  |     | 66.8   |         |
|                                      |  | 28           | 28 | 31 | 42 | 47 | 50 | 45 | 50 | 34 | 36 | 37 | 31  | 37  | 37 | 42  | *** | 37.3   |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    |    | 41  |     |    | *** |     |        |         |
| WILLIAMSPORT                         |  | 60           | 66 | 71 | 79 | 81 | 85 | 62 | 52 | 71 | 48 | 61 | 72  | 67  | 64 | 58  |     | 66.4   |         |
|                                      |  | 30           | 30 | 33 | 44 | 41 | 50 | 42 | 47 | 40 | 38 | 35 | 35  | 43  | 42 | 43  |     | 38.8   |         |
| ALLEGHENY PLATEAU 08                 |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| OAKLAND 1 SE                         |  | 59           | 68 | 71 | 75 | 75 | 74 | 56 | 56 | 42 | 50 | 64 | 62  | 54  | 52 | 60  |     | 62.8   |         |
|                                      |  | 30           | 25 | 35 | 39 | 39 | 50 | 45 | 42 | 27 | 27 | 30 | 41  | 38  | 38 | 46  |     | 36.5   |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| SAVAGE RIVER DAM                     |  | 57           | 60 | 71 | 73 | 76 | 77 | 59 | 59 | 60 | 39 | 53 | 68  | 56  | 56 | 48  |     | 61.6   |         |
|                                      |  | 29           | 32 | 32 | 43 | 46 | 46 | 46 | 46 | 34 | 33 | 33 | 38  | 41  | 43 | 42  |     | 37.7   |         |
|                                      |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| DELAWARE                             |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| NORTHERN 01                          |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| BEAR 2 SW                            |  | 60           | 74 | 76 | 83 | 85 | 73 | 52 | 69 | 53 | 57 | 71 | 68  | 66  | 62 | 64  |     | 65.3   |         |
|                                      |  | 36           | 30 | 38 | 43 | 53 | 46 | 39 | 48 | 43 | 40 | 38 | 49  | 49  | 44 | 53  |     | 41.3   |         |
| NEWARK UNIV FARM                     |  | 62           | 74 | 78 | 84 | 85 | 81 | 60 | 65 | 60 | 59 | 73 | 70  | 69  | 67 | 60  |     | 66.2   |         |
|                                      |  | 37           | 37 | 44 | 49 | 55 | 47 | 41 | 48 | 37 | 39 | 38 | 52  | 46  | 44 | 41  |     | 41.6   |         |
| WILMINGTON NEW CASTLE                |  | 60           | 75 | 77 | 83 | 84 | 72 | 52 | 66 | 52 | 58 | 70 | 68  | 65  | 59 | 61  |     | 64.8   |         |
|                                      |  | 35           | 36 | 41 | 48 | 56 | 48 | 43 | 48 | 41 | 40 | 40 | 50  | 48  | 46 | 52  |     | 42.8   |         |
| WILMINGTON PORTER RSVR               |  | 58           | 72 | 75 | 82 | 84 | 73 | 50 | 66 | 55 | 56 | 70 | 66  | 64  | 60 | 59  |     | 63.7   |         |
|                                      |  | 38           | 39 | 50 | 52 | 59 | 48 | 43 | 46 | 42 | 38 | 40 | 45  | 48  | 46 | 53  |     | 44.1   |         |
| SOUTHERN 02                          |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |        |         |
| DOVER                                |  | 55           | 71 | 74 | 82 | 85 | 82 | 67 | 68 | 68 | 59 | 71 | 70  | 68  | 66 | 72  |     | 67.5   |         |
|                                      |  | 35           | 37 | 49 | 55 | 57 | 59 | 45 | 50 | 41 | 39 | 44 | 54  | 48  | 48 | 54  |     | 44.5   |         |
|                                      |  |              |    |    |    |    | 45 |    |    |    |    |    |     |     |    |     |     |        |         |
| GREENWOOD 2NE                        |  | 54           | 55 | 73 | 78 | 83 | 87 | 68 | 62 | 72 | 54 | 62 | 73  | 70  | 67 | 62  |     | 65.5   |         |
|                                      |  | 37           | 30 | 34 | 42 | 53 | 55 | 46 | 46 | 44 | 38 | 38 | 38  | 49  | 43 | 47  |     | 40.9   |         |
| LEWES                                |  | 50           | 71 | 76 | 81 | 88 | 86 | 55 | 66 | 61 | 62 | 70 | 68  | 68  | 67 | 72  |     | 65.8   |         |
|                                      |  | 40           | 37 | 52 | 52 | 59 | 53 | 49 | 49 | 45 | 40 | 40 | 53  | 50  | 47 | 52  |     | 46.4   |         |
| SMYRNA 1 W                           |  |              |    |    |    |    |    |    |    |    |    |    |     |     |    |     |     | M<br>M |         |

# EVAPORATION AND WIND

| STATION                                            |      | DAY OF MONTH |   |   |     |    |    |    |    |    |    |    |    |    |    |    |
|----------------------------------------------------|------|--------------|---|---|-----|----|----|----|----|----|----|----|----|----|----|----|
|                                                    |      | 1            | 2 | 3 | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| <b>MARYLAND</b><br>UPPER SOUTHERN 04<br>BELTSVILLE | WIND | -            | * | * | 352 | 87 | 39 | 74 | 91 | 76 | *  | 54 | 59 | 54 | 54 | 89 |
|                                                    | EVAP | -            | - | - | -   | 21 | 19 | 25 | 11 | 13 | *  | 31 | 21 | 13 | 19 | 20 |
|                                                    | MAX  | 66           | - | - | 67  | 63 | 70 | 78 | 74 | 65 | -  | 77 | 75 | 62 | 69 | 70 |
|                                                    | MIN  | 41           | - | - | 37  | 37 | 37 | 49 | 57 | 44 | -  | 41 | 41 | 40 | 37 | 37 |

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

# EVAPORATION AND WIND

APRIL 2003

| STATION                                     | DAY OF MONTH |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |       | TOTAL<br>OR<br>AVERAGE |
|---------------------------------------------|--------------|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|-------|------------------------|
|                                             | 16           | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25  | 26 | 27 | 28 | 29 | 30 | 31 |       |                        |
| MARYLAND<br>UPPER SOUTHERN 04<br>BELTSVILLE |              |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |       |                        |
|                                             | 76           | 50 | 36 | 33 | 61 | 71 | 53 | 53 | *  | 149 | 76 | 98 | 77 | 76 | -  |    | 2076B |                        |
|                                             | 18           | 18 | 19 | 21 | 19 | 30 | 9  | 1  | *  | 21  | 58 | -  | 25 | 22 | -  |    | 5.67B |                        |
|                                             | 66           | 69 | 74 | 75 | 82 | 82 | 66 | 65 | -  | 70  | 63 | 70 | 75 | 70 | -  |    | 70.5  |                        |
|                                             | 37           | 37 | 37 | 47 | 51 | 60 | 51 | 50 | -  | 38  | 38 | 43 | 44 | 44 | -  |    | 43.0  |                        |

Evaporation: Is measured in hundreths of inches

Wind: Is measured in miles

Max and Min: The maximum and minimum temperatures (Fahrenheit) of the water in the evaporation pan

## SNOWFALL AND SNOW ON GROUND ( INCHES )

| STATION              |           | DAY OF MONTH |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
|----------------------|-----------|--------------|---|-----|---|---|---|---|---|---|----|----|----|----|----|----|
|                      |           | 1            | 2 | 3   | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| <b>MARYLAND</b>      |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| MARYLAND             |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| NORTHERN CENTRAL 06  |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| DAMASCUS 3 SSW       | SNOWFALL  |              |   | T   |   |   |   |   |   |   |    |    |    |    |    |    |
|                      | SN ON GND |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| MILLERS 4 NE         | SNOWFALL  |              |   | T   | T |   |   |   |   |   |    |    |    |    |    |    |
|                      | SN ON GND |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| APPALACHIAN          |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| MOUNTAIN 07          |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| FROSTBURG 2          | SNOWFALL  |              |   | .4  | T |   |   |   |   |   |    |    |    |    |    |    |
|                      | SN ON GND |              |   | T   |   |   |   |   |   |   |    |    |    |    |    |    |
| ALLEGHENY PLATEAU 08 |           |              |   |     |   |   |   |   |   |   |    |    |    |    |    |    |
| OAKLAND 1 SE         | SNOWFALL  |              |   | 6.0 |   |   |   |   |   |   |    |    |    |    |    |    |
|                      | SN ON GND |              |   | -   | - | - | - |   |   |   |    |    |    |    |    |    |

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).

Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

## SNOWFALL AND SNOW ON GROUND ( INCHES )

| STATION              | DAY OF MONTH |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
|----------------------|--------------|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|
|                      | 16           | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24  | 25  | 26 | 27 | 28 | 29 | 30 | 31 |
| <b>MARYLAND</b>      |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| MARYLAND             |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| NORTHERN CENTRAL 06  |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| DAMASCUS 3 SSW       |              |    |    |    |    |    |    |    | T   |     |    |    |    |    |    |    |
| MILLERS 4 NE         |              |    |    |    |    |    |    |    | T   |     |    |    |    |    |    |    |
| APPALACHIAN          |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| MOUNTAIN 07          |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| FROSTBURG 2          |              |    |    |    |    |    |    |    | T   | 1.8 |    |    |    |    |    |    |
|                      |              |    |    |    |    |    |    |    | T   | 2   |    |    |    |    |    |    |
| ALLEGHENY PLATEAU 08 |              |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
| OAKLAND 1 SE         |              |    |    |    |    |    |    |    | 3.0 | 5.0 |    |    |    |    |    |    |
|                      |              |    |    |    |    |    |    |    | -   | -   | -  | -  | -  |    |    |    |

Snowfall: Includes snow and ice. Values for NWS stations (J index note) are Mid - Mid (LST).

Snow on ground: Includes snow, sleet, ice and hail. Values for NWS stations (J index note) are observed at 12 UTC (GMT).

Water Equivalent: Given for NWS stations (J index note) only, when snow depth is 2 inches or more, and is measured at 18 UTC (GMT).

# STATION INDEX

| STATION                | INDEX NO. | DIVISION | COUNTY       | LATITUDE | LONGITUDE | ELEVATION<br>(IN FEET) | OBSERVATION<br>TIME AND<br>TABLES |        |      |                        | OBSERVER                 |
|------------------------|-----------|----------|--------------|----------|-----------|------------------------|-----------------------------------|--------|------|------------------------|--------------------------|
|                        |           |          |              |          |           |                        | LOCAL STD TIME                    |        |      |                        |                          |
|                        |           |          |              |          |           |                        | TEMP                              | PRECIP | EVAP | SPECIAL<br>SEE (NOTES) |                          |
| MARYLAND               |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| ABERDEEN PHILLIPS FLD  | 0015      | 06       | HARFORD      | 39 28    | 76 10W    | 57                     | 12                                | 12     |      | C H                    | US ARMY ABERDEEN TEST CT |
| ANNAPOLIS POLICE BRKS  | 0193      | 04       | ANNE ARUNDEL | 39 0     | 76 30W    | 25                     | 17                                | 17     |      | H                      | MARYLAND STATE POLICE    |
| ASSATEAGUE             | 0335      | 01       | WORCESTER    | 38 4     | 75 13W    | 10                     | 07                                | 07     |      | H                      | NATIONAL RESOURCES MGMT  |
| BALTIMORE WASH INTL AP | 0465      | 04       | ANNE ARUNDEL | 39 10    | 76 41W    | 156                    | MID                               | MID    |      | C HJ                   | ASOS - FAA               |
| BELTSVILLE             | 0700      | 04       | PRINCE GEORG | 39 2     | 76 56W    | 145                    | 08                                | 08     | 08   | C H                    | USDA AGRI RESEARCH CTR W |
| CATOCTIN MOUNTAIN PARK | 1530      | 06       | FREDERICK    | 39 39    | 77 29W    | 1610                   | 17                                | 17     |      | H                      | CATOCTIN MOUNTAIN PK     |
| CHESTERTOWN            | 1750      | 05       | KENT         | 39 13    | 76 3W     | 40                     | 23                                | 23     |      | H                      | THOMAS W ELIASON JR      |
| CLARKSVILLE 3 NNE      | 1862      | 06       | HOWARD       | 39 15    | 76 56W    | 370                    | 17                                | 17     |      | H                      | INACTIVE 12/02/2004      |
| CONOWINGO DAM          | 2060      | 06       | HARFORD      | 39 39    | 76 11W    | 40                     | 07                                | 07     |      | H                      | SUSQUEHANNA ELECTRIC CO  |
| CUMBERLAND 2           | 2282      | 07       | ALLEGANY     | 39 39    | 78 45W    | 730                    | 18                                | 18     |      | H                      | TIMOTHY B THOMAS         |
| CUMBERLAND POLICE BRK  | 2285      | 07       | ALLEGANY     | 39 38    | 78 50W    | 970                    | 17                                | 17     |      | H                      | MARYLAND STATE POLICE    |
| CYLBURN                | 2308      | 06       | BALTIMORE (C | 39 22    | 76 38W    | 400                    | 17                                | 17     |      | H                      | CYLBURN ARBORETUM        |
| DALECARLIA RESERVOIR   | 2325      | 04       | PRINCE GEORG | 38 56    | 77 7W     | 150                    | 08                                | 08     |      | H                      | USA CORPS OF ENGINEERS   |
| DAMASCUS 3 SSW         | 2336      | 06       | MONTGOMERY   | 39 16    | 77 14W    | 697                    | 22                                | 22     |      | H                      | ROBERT J LEFFLER         |
| EMMITSBURG 2 SE        | 2906      | 06       | FREDERICK    | 39 41    | 77 17W    | 416                    | 17                                | 17     |      | H                      | LUCILLE K BEALE          |
| FREDERICK 2 NNE        | 3353      | 06       | FREDERICK    | 39 26    | 77 24W    | 280                    | 07                                | 07     |      | H                      | DIR PUBLIC WORK WTP      |
| FROSTBURG 2            | 3415      | 07       | ALLEGANY     | 39 40    | 78 56W    | 2170                   | 07                                | 07     |      | H                      | GREGORY P LATTA          |
| GLENN DALE BELL STN    | 3675      | 04       | PRINCE GEORG | 38 58    | 76 48W    | 150                    | 08                                | 08     |      | H                      | US NATL ARBORETUM        |
| HAGERSTOWN POLICE BRK  | 3980      | 07       | WASHINGTON   | 39 36    | 77 44W    | 560                    | 17                                | 17     |      | H                      | MARYLAND STATE POLICE    |
| LAUREL 3 W             | 5111      | 04       | PRINCE GEORG | 39 5     | 76 54W    | 400                    |                                   | 07     |      | H                      | WA SUBURBAN SANITARY COM |
| MD SCI CTR BALTIMORE   | 5718      | 04       | BALTIMORE (C | 39 17    | 76 37W    | 20                     | MID                               | MID    |      | C H                    | ASOS - NWS               |
| MECHANICSVILLE 5 NE    | 5865      | 03       | ST. MARY'S   | 38 28    | 76 42W    | 100                    | 07                                | 07     |      | H                      | SANDRA J HASTINGS        |
| MILLERS 4 NE           | 5934      | 06       | CARROLL      | 39 43    | 76 48W    | 860                    | 18                                | 18     |      | C H                    | ROBERT MILLER            |
| NATIONAL ARBORETUM DC  | 6350      | 04       | DISTRICT OF  | 38 55    | 76 58W    | 50                     | 07                                | 07     |      | H                      | US NATIONAL ARBORETUM    |
| OAKLAND 1 SE           | 6620      | 08       | GARRETT      | 39 24    | 79 24W    | 2420                   | 17                                | 17     |      | H                      | BEA J CROSCO             |
| OXON HILL              | 6800      | 04       | PRINCE GEORG | 38 48    | 77 0W     | 120                    | 08                                | 08     |      | H                      | BRIAN SMITH              |
| PORT DEPOSIT 2 NE      | 7230      | 06       | CECIL        | 39 38    | 76 5W     | 300                    | 07                                | 07     |      | H                      | ANTHONY E FESTA          |
| POTOMAC FILTER PLANT   | 7272      | 06       | MONTGOMERY   | 39 2     | 77 15W    | 270                    |                                   | 08     |      | H                      | POTOMAC WATER FILT PLANT |
| PRINCESS ANNE          | 7330      | 01       | SOMERSET     | 38 13    | 75 41W    | 20                     | 17                                | 17     |      | H                      | UNIV OF MD EASTERN SHORE |
| ROCKVILLE 1 NE         | 7705      | 06       | MONTGOMERY   | 39 6     | 77 9W     | 440                    | MID                               | 17     |      | H                      | WASHINGTON GAS & ELEC CO |
| ROYAL OAK 2 SSW        | 7806      | 02       | TALBOT       | 38 43    | 76 11W    | 10                     | 18                                | 18     |      | H                      | JOHN L SWAINE JR         |
| SALISBURY              | 8000      | 01       | WICOMICO     | 38 22    | 75 35W    | 10                     | 17                                | 17     |      | H                      | CITY OF SALISBURY        |
| SALISBURY POLICE BRKS  | 8003      | 01       | WICOMICO     | 38 25    | 75 34W    | 40                     | 17                                | 17     |      | H                      | MD STATE POLICE BARRACKS |
| SALISBURY FAA AP       | 8005      | 01       | WICOMICO     | 38 20    | 75 31W    | 48                     | MID                               | MID    |      | H                      | FAA                      |
| SAVAGE RIVER DAM       | 8065      | 08       | GARRETT      | 39 31    | 79 8W     | 1495                   | 08                                | 08     | 08   | C H                    | USA CORPS OF ENGINEERS   |
| SHARPSBURG 5 S         | 8207      | 07       | WASHINGTON   | 39 24    | 77 43W    | 500                    | 07                                | 07     |      | H                      | DAVID DOWNIN             |
| SMITHSBURG 2NW         | 8371      | 06       | WASHINGTON   | 39 40    | 77 35W    | 670                    | 08                                | 08     |      | H                      | SMITHSBURG W W T P       |
| SNOW HILL 4 N          | 8380      | 01       | WORCESTER    | 38 14    | 75 23W    | 30                     | 17                                | 17     |      | H                      | CURTIS E SHOCKLEY        |
| SOLOMONS               | 8405      | 03       | CALVERT      | 38 19    | 76 27W    | 12                     | 08                                | 08     |      | H                      | CHESAPEAKE BIOLOGIC LAB  |
| UPPER MARLBORO 3 NNW   | 9070      | 04       | PRINCE GEORG | 38 52    | 76 47W    | 100                    | 08                                | 08     | 08   | H                      | UNIVERSITY OF MARYLAND   |
| VIENNA                 | 9140      | 02       | DORCHESTER   | 38 29    | 75 49W    | 10                     | 18                                | 18     |      | H                      | DELMARVA POWER & LIGHT   |
| WILLIAMSPORT           | 9570      | 07       | WASHINGTON   | 39 36    | 77 50W    | 360                    | 06                                | 06     |      | H                      | R C WILSON TRTMT PLT     |
| DELAWARE               |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| BEAR 2 SW              | 1200      | 01       | NEW CASTLE   | 39 36    | 75 44W    | 80                     | MID                               | MID    |      | H                      | R. GARY GALLAHER         |
| DOVER                  | 2730      | 02       | KENT         | 39 16    | 75 31W    | 30                     | 16                                | 16     |      | H                      | DEPT OF TRANSPORTATION   |
| GREENWOOD 2NE          | 3595      | 02       | SUSSEX       | 38 49    | 75 35W    | 45                     | 07                                | 07     |      | H                      | DANIEL M SWARTZENTRUBER  |
| LEWES                  | 5320      | 02       | SUSSEX       | 38 47    | 75 8W     | 15                     | 17                                | 17     |      | H                      | BOARD OF PUBLIC WORKS    |
| NEWARK UNIV FARM       | 6410      | 01       | NEW CASTLE   | 39 40    | 75 45W    | 90                     | 17                                | 17     | 17   | C H                    | UNIV OF DE AGR FARM      |
| SMYRNA 1 W             | 8508      | 02       | KENT         | 39 18    | 75 37W    | 40                     | 07                                | 07     |      | H                      | MARK A GONZALEZ          |
| WILMINGTON NEW CASTLE  | 9595      | 01       | NEW CASTLE   | 39 40    | 75 36W    | 79                     | MID                               | MID    |      | C HJ                   | ASOS - FAA               |
| WILMINGTON PORTER RSVR | 9605      | 01       | NEW CASTLE   | 39 46    | 75 32W    | 270                    | MID                               | MID    |      | H                      | WILMINGTON WATER DEPT    |

## REFERENCE NOTES

### DEFINITIONS

**STATION NAMES:** Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

**DIVISIONS:** Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (i.e. not precipitation alone).

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 2002, the averaging period is 1971 to 2000. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**MONTHLY DEGREE DAY TOTALS:** One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is below (above) 65 degrees Fahrenheit.

**PRECIPITATION:** Values shown in hundredths of inches are water equivalent totals, i.e., total of liquid and melted frozen precipitation. In the "Monthly Summarized Data" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The number of days with .10, .50, 1.00 or more refers to water equivalents.

**PRECIPITATION QUALITY CONTROL:** The NCDC quality control process may delete precipitation data that are spatially inconsistent; exceed climatological limits, or are inconsistent with prevailing weather patterns.

**TEMPERATURE:** Original and edited temperature values are given in the "Daily Temperature" table. Edited values are produced when an original value is missing or when surrounding stations indicated a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or \*\*\* (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

**WIND:** (As shown in the "Evaporation and Wind" table) the total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

### SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

# Thermometers located in a rooftop shelter.  
// Rain gage equipped with a windshield  
AR Observation made "after rain" has occurred.  
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.  
G Observations appear in the "Soil Temperatures" table.  
H Observations appear in the "Snowfall and Snow on the Ground" table.  
J Station also published as a Local Climatological Data publication.  
MID Observation time is midnight.  
MO Rain gage read once monthly, usually the last day.  
OC Rain gage readings vary from a few weeks to several months.  
R Amounts from recording rain gage.  
SR Observation time near sunrise.

VAR Observation time varies.  
WI Rain gage read weekly or irregularly.  
WM Rain gage read weekly and last day of the month.

### SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK Entries in the "Monthly Summarized Data" table indicate no record.  
BLANK Entries in the "Daily Precipitation" and "Snowfall and Snow on the Ground" tables indicate zero.

BLANK Entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See \*\*\* below)

- No record. Data not recorded, determined unreliable by quality control check, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

\*\*\* Missing original temperature which has been estimated during edit.

\* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (Hawaii stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See \* above)

**SEASONAL TABLES:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary."

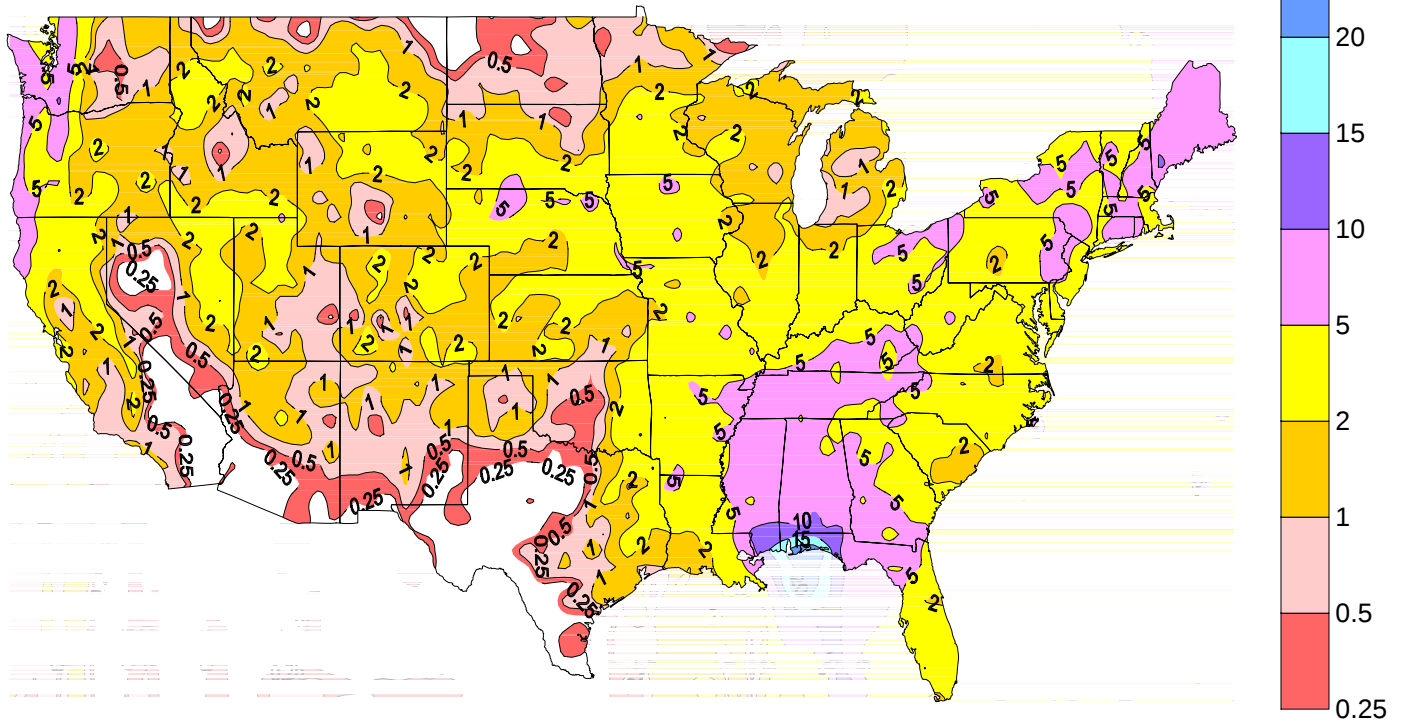
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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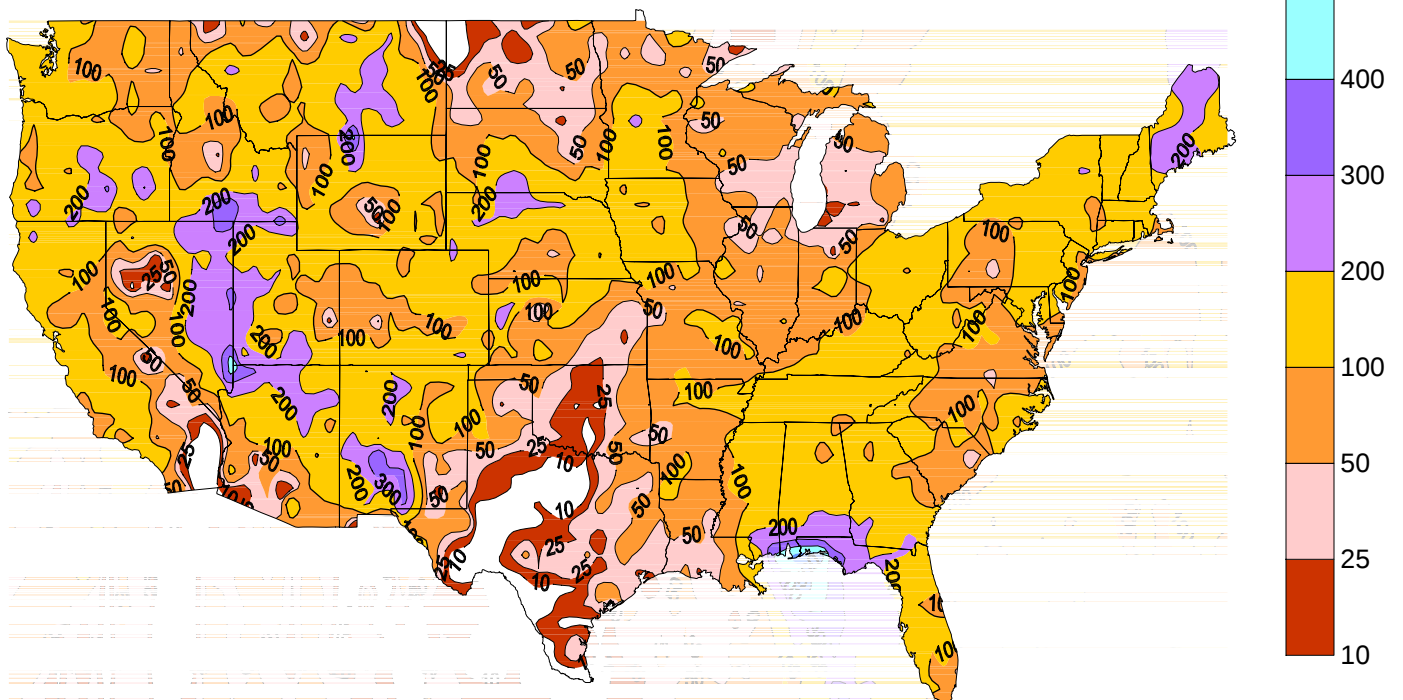
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Total Precipitation (Inches)  
April 2005



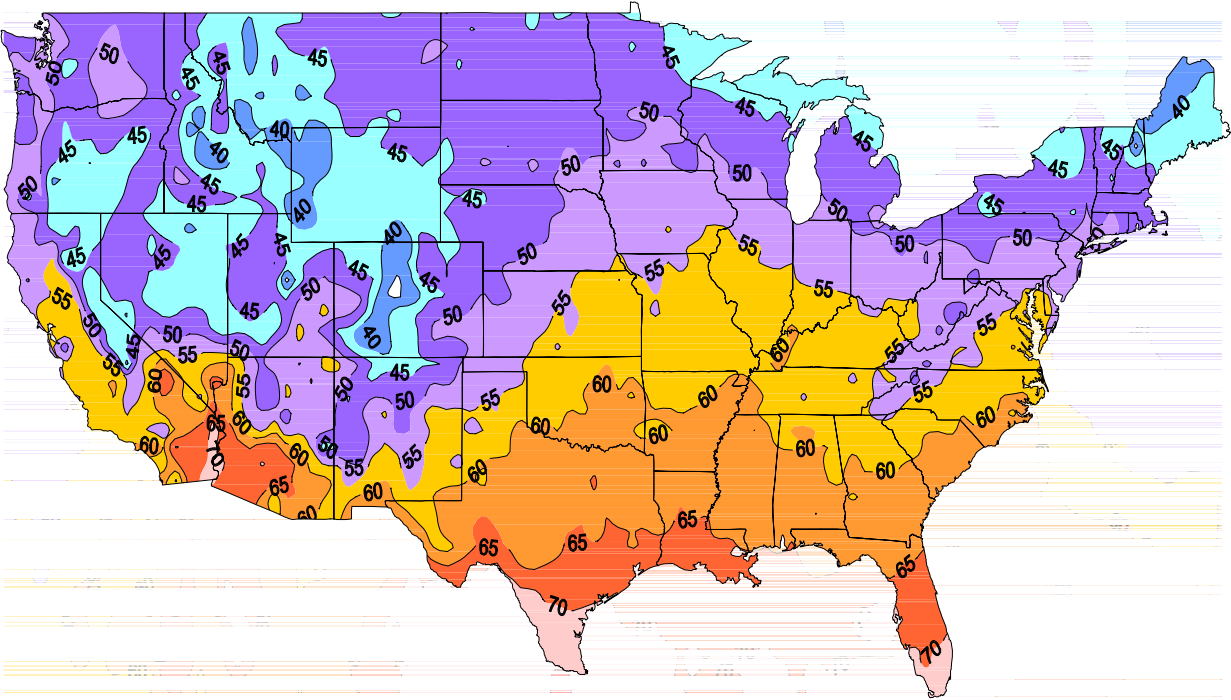
Percent of Normal  
April 2005



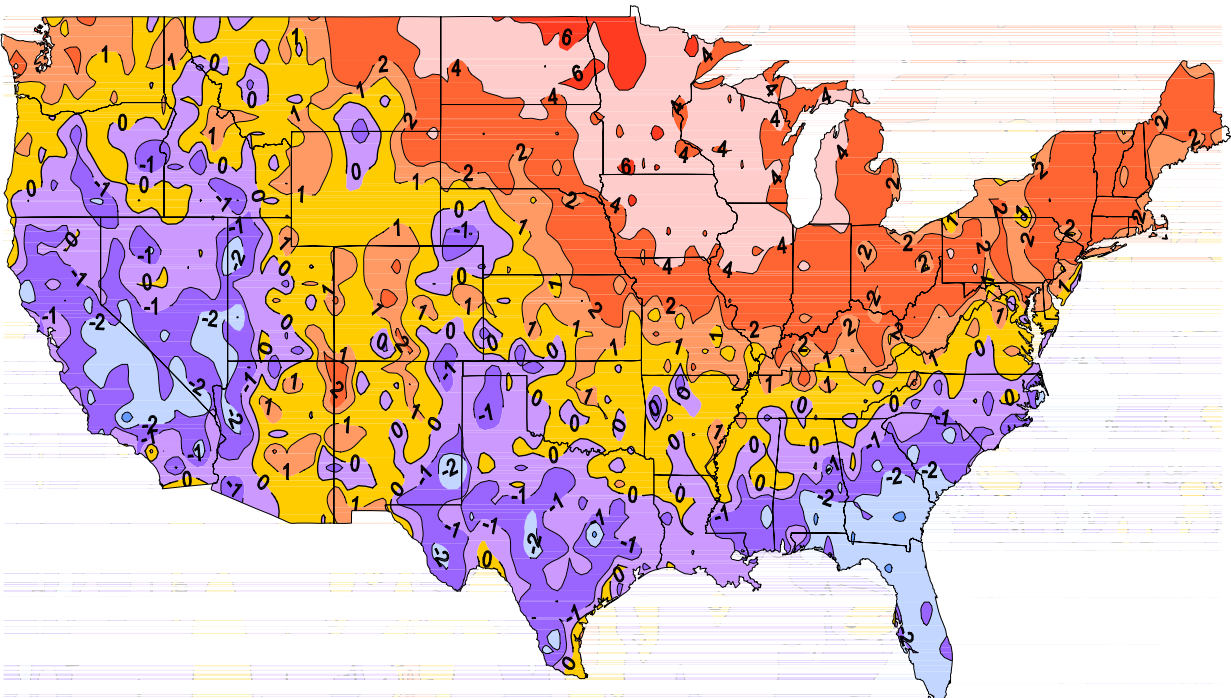
\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

National Climatic Data Center, NOAA

Average Temperature (Degrees F)  
April 2005

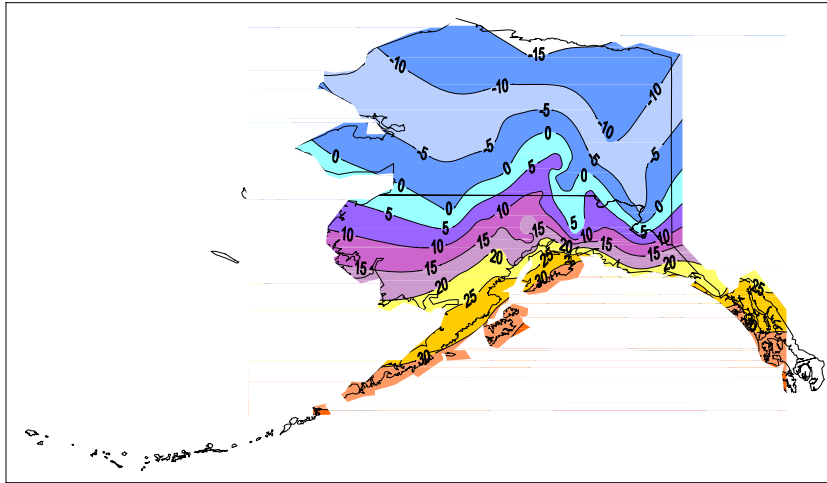


Departure of Average Temperature from Normal (Degrees F)  
April 2005

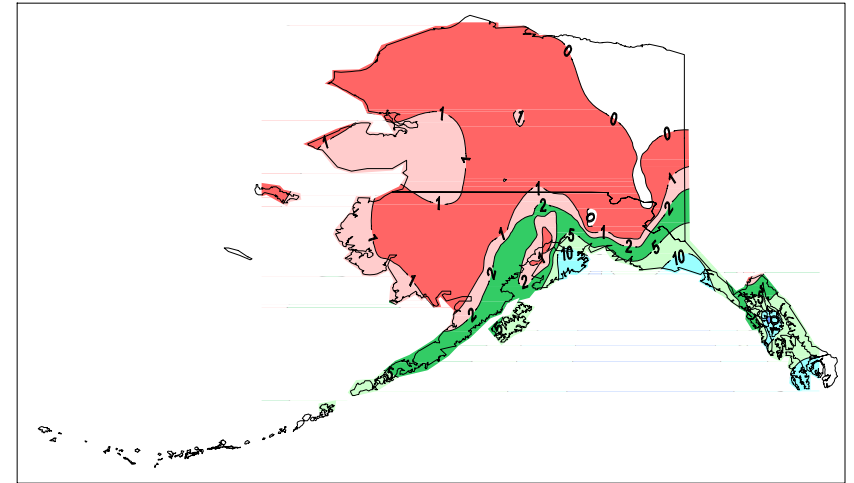


\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

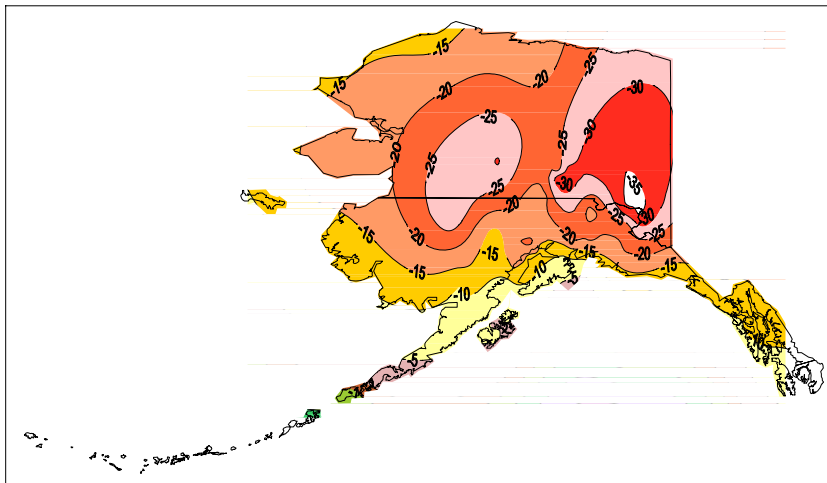
Average Temperature (Degrees F)  
April 2005



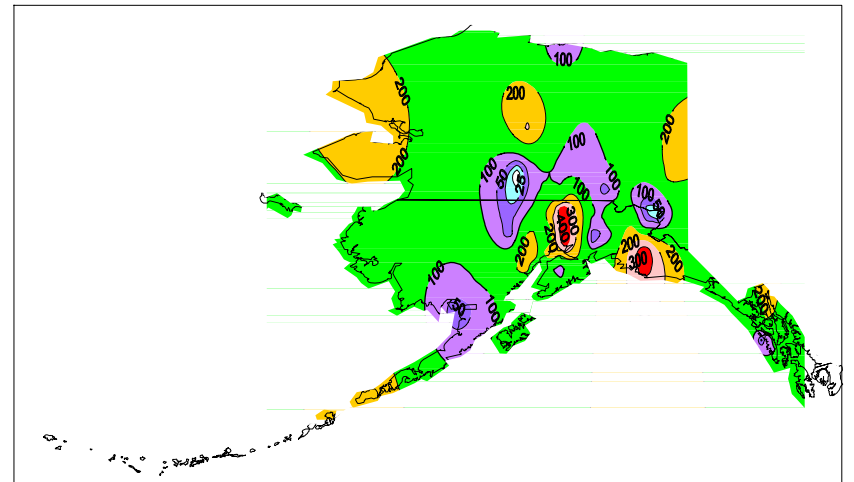
Alaska Precipitation (Inches)  
April 2005



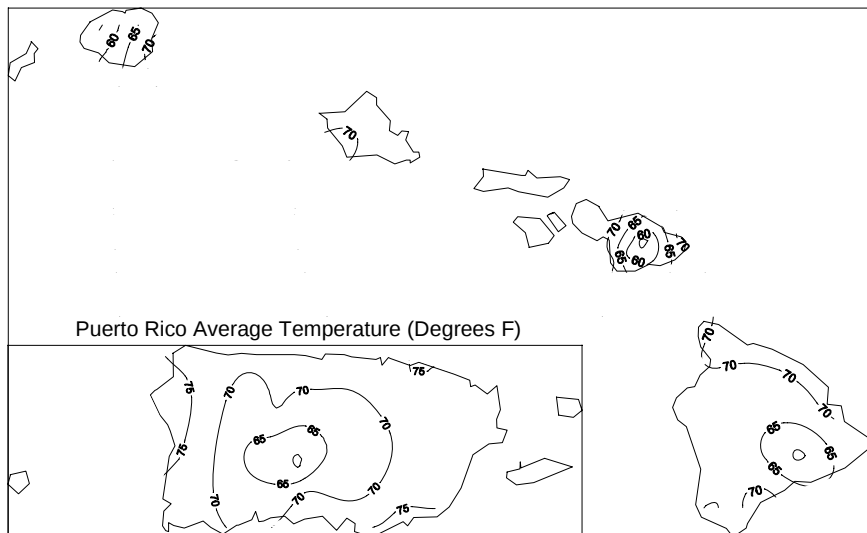
Departure of Average Temperature from Normal (Degrees F)  
April 2005



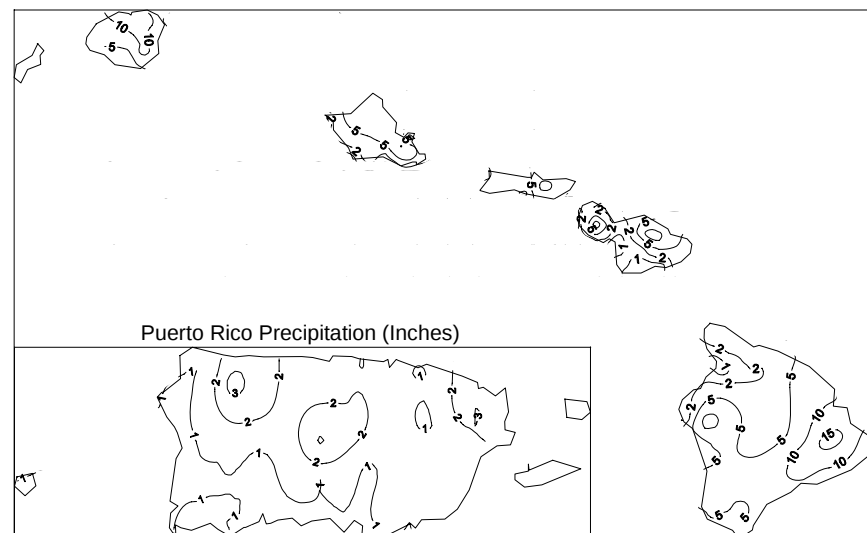
Percent of Normal Precipitation  
April 2005



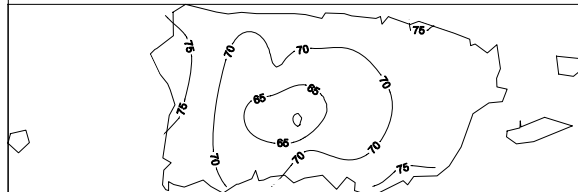
Hawaii Average Temperature (Degrees)  
April 2005



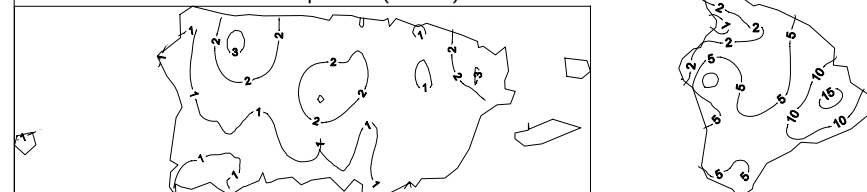
Hawaii Precipitation (Inches)  
April 2005



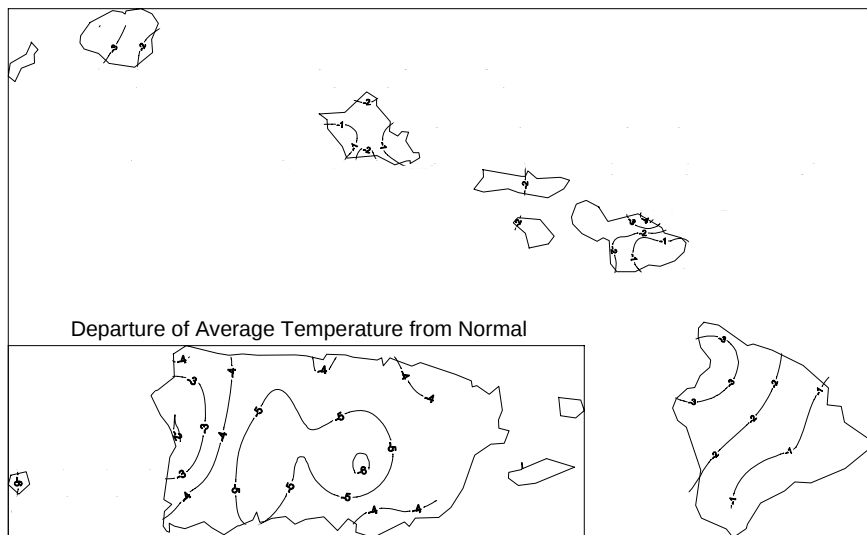
Puerto Rico Average Temperature (Degrees F)



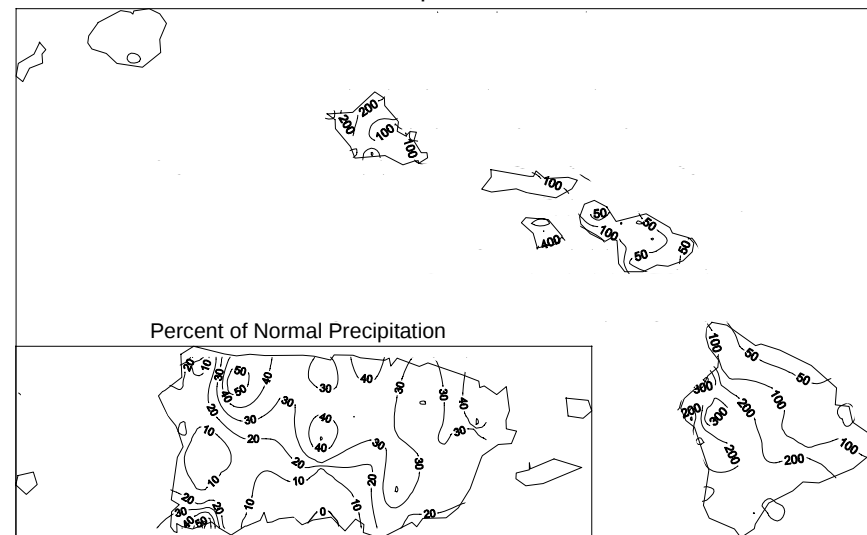
Puerto Rico Precipitation (Inches)

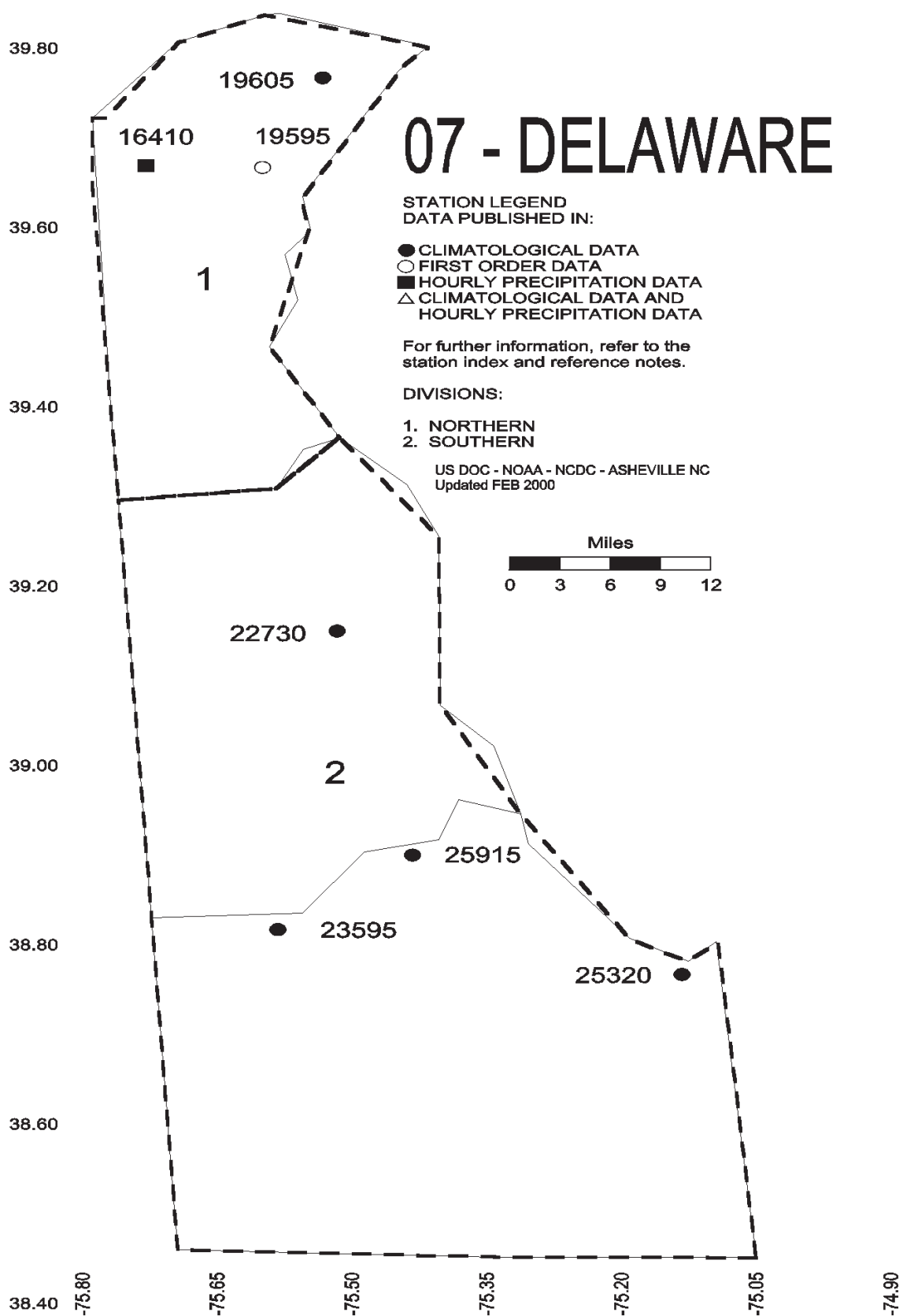


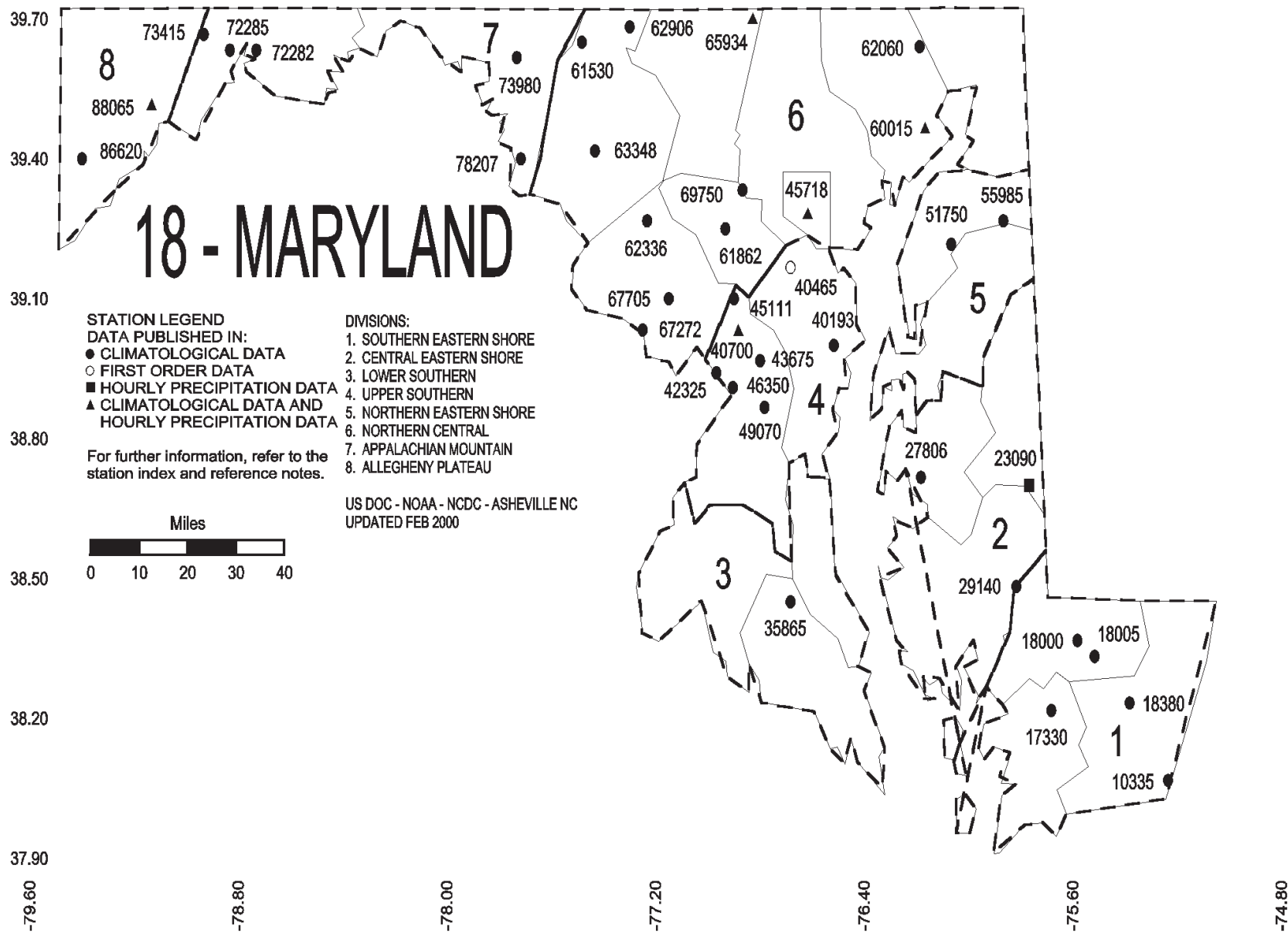
Departure of Average Temperature from Normal (Degrees)  
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Hawaii Percent of Normal Precipitation  
April 2005







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