



# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

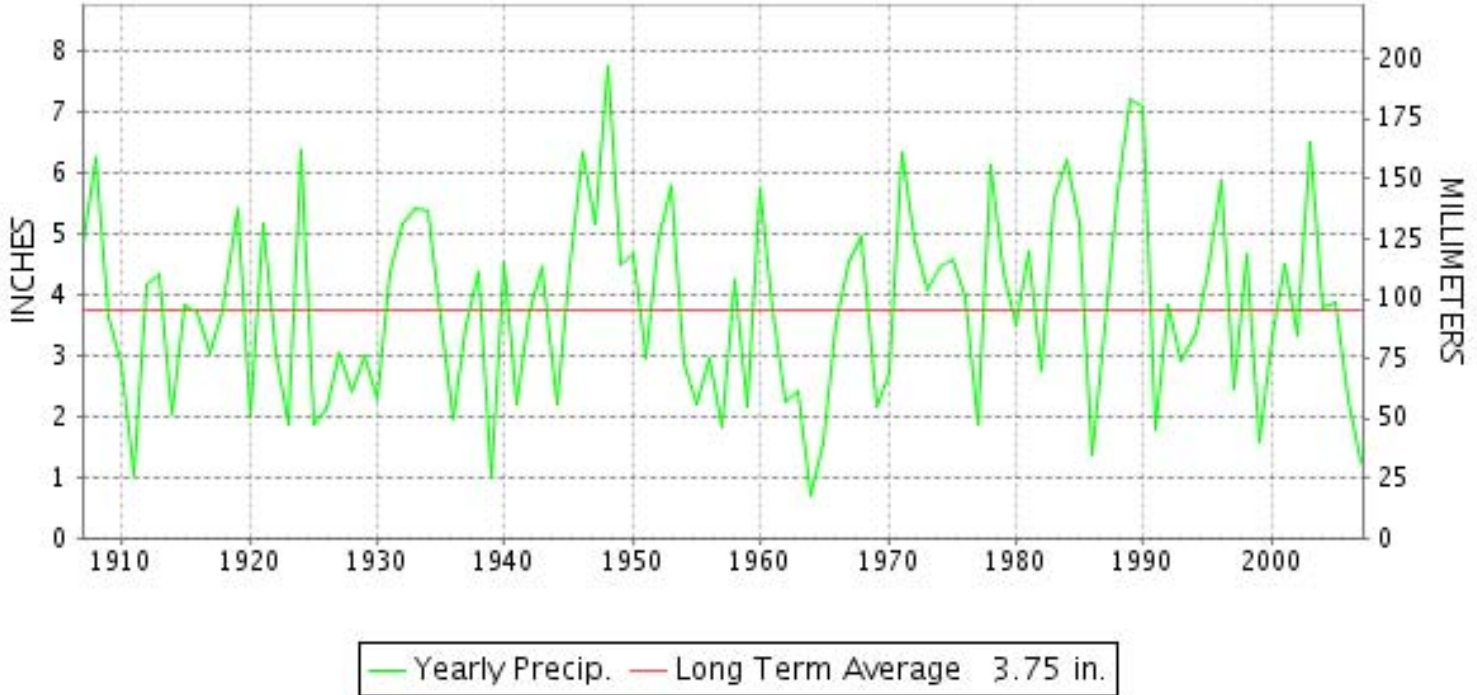


MAY 2007

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### MAY PRECIPITATION BY YEAR



### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

|                              |      |         |                     |
|------------------------------|------|---------|---------------------|
| HIGHEST TEMPERATURE          | 95   | MAY 31+ | 2 STATIONS          |
| LOWEST TEMPERATURE           | 26   | MAY 1   | OAKLAND 1 SE        |
| GREATEST TOTAL PRECIPITATION | 2.57 |         | OAKLAND 1 SE        |
| LEAST TOTAL PRECIPITATION    | .57  |         | ROCKVILLE 1 NE      |
| GREATEST 1 DAY PRECIPITATION | 1.58 | MAY 13  | GLENN DALE BELL STN |

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Climatic Data Center  
Asheville, North Carolina

**DELAWARE**

|                              |      |        |                        |
|------------------------------|------|--------|------------------------|
| HIGHEST TEMPERATURE          | 92   | MAY 27 | GREENWOOD 2NE          |
| LOWEST TEMPERATURE           | 38   | MAY 8  | GREENWOOD 2NE          |
| GREATEST TOTAL PRECIPITATION | 1.75 |        | WILMINGTON PORTER RSVR |
| LEAST TOTAL PRECIPITATION    | .93  |        | LEWES                  |
| GREATEST 1 DAY PRECIPITATION | 1.05 | MAY 16 | WILMINGTON PORTER RSVR |



# MONTHLY STATION AND DIVISION SUMMARY

| STATION   | TEMPERATURE (°F)   |                    |         |                          |         |      |        |      |                      |                      | PRECIPITATION (IN) |      |      |     |        |                          |                      |      |                   |                        |      |             |             |              |
|---|--------------------|--------------------|---------|--------------------------|---------|------|--------|------|----------------------|----------------------|--------------------|------|------|-----|--------|--------------------------|----------------------|------|-------------------|------------------------|------|-------------|-------------|--------------|
|   | AVERAGE<br>MAXIMUM | AVERAGE<br>MINIMUM | AVERAGE | DEPARTURE<br>FROM NORMAL | HIGHEST | DATE | LOWEST | DATE | HEATING<br>DEG. DAYS | COOLING<br>DEG. DAYS | NO. OF DAYS        |      |      |     | TOTAL  | DEPARTURE<br>FROM NORMAL | GREATEST<br>24 HOURS | DATE | ICE PELLETS, SNOW |                        |      | NO. OF DAYS |             |              |
|   |                    |                    |         |                          |         |      |        |      |                      |                      | MAX                |      | MIN  |     |        |                          |                      |      | TOTAL             | MAX DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
|   |                    |                    |         |                          |         |      |        |      |                      |                      | >=90               | <=32 | <=32 | <=0 |        |                          |                      |      |                   |                        |      |             |             |              |
| FREDERICK 2 NNE                                       | 78.2               | 51.1               | 64.7    |                          | 90      | 31+  | 37     | 7    | 104                  | 102                  | 3                  | 0    | 0    | 0   | 1.34   |                          | .77                  | 28   | .0                | 0                      |      | 3           | 1           | 0            |
| MILLERS 4 NE  | 75.2               | 49.5               | 62.4    | 1.1                      | 87      | 31   | 34     | 7    | 138                  | 61                   | 0                  | 0    | 0    | 0   | 1.81   | -2.47                    | .92                  | 28   | .0                | 0                      |      | 4           | 1           | 0            |
| ROCKVILLE 1 NE  | 77.8               | 55.8               | 66.8    | 4.5                      | 91      | 31   | 40     | 8    | 74                   | 136                  | 3                  | 0    | 0    | 0   | .57    | -3.81                    | .17                  | 12   | .0                | 0                      |      | 3           | 0           | 0            |
| SMITHSBURG 2NW  | M                  | M                  | M       |                          |         |      |        |      |                      |                      |                    |      |      |     |        |                          |                      |      | M                 | M                      |      |             |             |              |
| --DIVISIONAL DATA-----><br>APPALACHIAN<br>MOUNTAIN 07 |                    |                    | 65.0    | 2.7                      |         |      |        |      |                      |                      |                    |      |      |     | 1.20   | -3.42                    |                      |      | .0                |                        |      |             |             |              |
| CUMBERLAND 2  | 82.9               | 50.8               | 66.9    | 4.7                      | 95      | 31   | 37     | 7+   | 83                   | 146                  | 11                 | 0    | 0    | 0   | 1.04   | -2.93                    | .67                  | 20   | .0                | 0                      |      | 2           | 1           | 0            |
| FROSTBURG 2   | 73.1               | 47.7               | 60.4    | 4.2                      | 84      | 31+  | 38     | 8+   | 172                  | 38                   | 0                  | 0    | 0    | 0   | M 1.43 |                          | .84                  | 19   | .0                | 0                      |      | 2           | 1           | 0            |
| SHARPSBURG 5 S  | 78.0               | 48.5               | 63.3    |                          | 89      | 28+  | 37     | 14+  | 124                  | 79                   | 0                  | 0    | 0    | 0   | M 1.89 |                          | .82                  | 28   | M .0              | 0                      |      | 4           | 1           | 0            |
| WILLIAMSPORT  | M                  | M                  | M       |                          |         |      |        |      |                      |                      |                    |      |      |     |        |                          |                      |      | M                 | M                      |      |             |             |              |
| --DIVISIONAL DATA-----><br>ALLEGHENY PLATEAU 08       |                    |                    | 63.5    | 3.2                      |         |      |        |      |                      |                      |                    |      |      |     | 1.04   | -3.17                    |                      |      | .0                |                        |      |             |             |              |
| OAKLAND 1 SE  | 71.5               | 45.0               | 58.3    | 1.6                      | 87      | 26   | 26     | 1    | 220                  | 19                   | 0                  | 0    | 3    | 0   | 2.57   | -2.27                    | .82                  | 16   | .0                | 0                      |      | 7           | 2           | 0            |
| SAVAGE RIVER DAM                                      | 73.0               | 47.4               | 60.2    | 2.9                      | 83      | 31+  | 34     | 7    | 174                  | 31                   | 0                  | 0    | 0    | 0   | 1.84   | -2.40                    | .84                  | 19   | .0                | 0                      |      | 5           | 1           | 0            |
| --DIVISIONAL DATA-----><br>DELAWARE<br>NORTHERN 01    |                    |                    | 59.3    | 2.8                      |         |      |        |      |                      |                      |                    |      |      |     | 2.21   | -2.33                    |                      |      | .0                |                        |      |             |             |              |
| BEAR 2 SW   | M                  | M                  | M       |                          |         |      |        |      |                      |                      |                    |      |      |     |        |                          |                      |      | M                 | M                      |      |             |             |              |
| NEWARK UNIV FARM                                      | M                  | M                  | M       |                          |         |      |        |      |                      |                      |                    |      |      |     |        |                          |                      |      | M                 | M                      |      |             |             |              |
| WILMINGTON NEW CASTLE R                               | 76.4               | 53.2               | 64.8    | 2.3                      | 90      | 31+  | 39     | 8    | 96                   | 96                   | 2                  | 0    | 0    | 0   | 1.02   | -3.13                    | .75                  | 16   | .0                | 0                      |      | 2           | 1           | 0            |
| WILMINGTON PORTER RSVR                                | 75.3               | 54.8               | 65.1    | 3.2                      | 89      | 31   | 41     | 7    | 87                   | 97                   | 0                  | 0    | 0    | 0   | 1.75   | -2.58                    | 1.05                 | 16   | .0                | 0                      |      | 3           | 1           | 1            |
| --DIVISIONAL DATA-----><br>SOUTHERN 02                |                    |                    | 65.0    | 2.4                      |         |      |        |      |                      |                      |                    |      |      |     | 1.39   | -3.03                    |                      |      | .0                |                        |      |             |             |              |
| DOVER   | 77.5               | 54.2               | 65.9    | 1.6                      | 89      | 31+  | 41     | 8    | 74                   | 108                  | 0                  | 0    | 0    | 0   | 1.35   | -2.94                    | .77                  | 17   | .0                | 0                      |      | 3           | 1           | 0            |
| GREENWOOD 2NE   | 76.1               | 51.4               | 63.8    | 2.0                      | 92      | 27   | 38     | 8    | 112                  | 83                   | 1                  | 0    | 0    | 0   | 1.05   | -3.26                    | .42                  | 13   | .0                | 0                      |      | 3           | 0           | 0            |
| LEWES   | 76.5               | 55.3               | 65.9    | 1.9                      | 91      | 31+  | 44     | 4    | 85                   | 120                  | 2                  | 0    | 0    | 0   | .93    | -2.98                    | .34                  | 17   | .0                | 0                      |      | 3           | 0           | 0            |
| --DIVISIONAL DATA----->                               |                    |                    | 65.2    | 2.3                      |         |      |        |      |                      |                      |                    |      |      |     | 1.11   | -3.01                    |                      |      | .0                |                        |      |             |             |              |

DAILY PRECIPITATION (INCHES)

| STATION                          | TOTAL  | DAY OF MONTH |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
|----------------------------------|--------|--------------|-----|-----|----|-----|-----|----|-----|----|-----|------|------|-----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|---|--|
|                                  |        | 01           | 02  | 03  | 04 | 05  | 06  | 07 | 08  | 09 | 10  | 11   | 12   | 13  | 14 | 15  | 16  | 17  | 18  | 19  | 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29  | 30  | 31  |     |     |   |  |
| <b>MARYLAND</b>                  |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| <b>SOUTHERN EASTERN SHORE 01</b> |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| ASSATEAGUE                       | 1.20   |              | .20 |     |    | .32 | .01 |    | .02 |    |     |      | .02  |     |    | .28 | .32 | .03 |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| PRINCESS ANNE                    | M      | -            | -   | -   | -  | -   | -   | -  | -   | -  | -   | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -  | -  | -  | -  | -   | -   | -   | -   |     |   |  |
| SALISBURY                        | .89    |              |     | T   |    | T   | .13 |    |     |    |     |      | .45  |     |    |     | .29 | T   |     |     | .02 |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| SALISBURY FAA AP                 | .92    |              | .03 |     |    | .15 |     |    | .01 |    |     | T    | .41  |     |    | .30 |     | .01 | .01 |     |     |    |    |    |    |    |    |    |    |     | T   |     |     |     |   |  |
| SNOW HILL 4 N                    | .87    |              |     | .02 |    |     | .22 |    | T   |    |     |      | .30  |     |    |     | .26 | .05 |     |     | .02 |    |    |    |    |    |    |    |    | T   | T   |     |     |     |   |  |
| <b>CENTRAL EASTERN SHORE 02</b>  |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| ROYAL OAK 2 SSW                  | 1.14   |              |     |     |    | .20 | .02 |    |     |    |     |      | .38  |     |    |     | .50 |     | .02 | .02 |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| VIENNA                           | 1.28   |              |     |     |    |     | .14 |    |     |    |     |      |      | .53 |    |     | .48 | .04 | .07 | .02 |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| <b>LOWER SOUTHERN 03</b>         |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| MECHANICSVILLE 5 NE              | 1.23   |              |     |     | T  |     | .43 |    |     |    | T   |      | .32  |     |    |     | .48 |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| SOLOMONS                         | M 1.87 |              |     | .11 |    | *   | .51 |    |     |    |     |      | .64  |     |    |     | .61 | T   | T   |     |     |    |    |    |    | T  |    |    |    |     |     |     |     |     |   |  |
| <b>UPPER SOUTHERN 04</b>         |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| BALTIMORE WASH INTL AP R         | .94    | .03          | T   |     |    |     |     |    |     |    | T   | .30  | .05  |     |    | .52 |     | T   | .01 | .03 |     |    |    |    |    |    |    |    | T  |     |     |     |     |     |   |  |
| BELTSVILLE                       | .95    |              | .05 |     |    |     |     |    |     |    |     |      | .48  |     |    |     | .31 |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     | .11 |   |  |
| DALECARLIA RESERVOIR             | .74    |              | .01 |     |    |     |     |    |     |    |     |      | .47  |     |    |     | .12 |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     | .14 |   |  |
| GLENN DALE BELL STN              | 2.16   |              | .10 |     |    |     |     |    |     |    |     |      | 1.58 |     |    |     | .35 |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     | .13 |     |   |  |
| LAUREL 3 W                       | .98    |              |     |     |    |     |     |    |     |    |     | .20  | .10  |     |    | .54 |     | .01 |     |     |     |    |    |    |    |    |    |    |    |     | .13 |     |     |     |   |  |
| MD SCI CTR BALTIMORE R           | 1.49   |              | .01 |     |    |     |     |    |     |    | .02 | 1.09 | .01  |     |    | .26 |     |     | .03 | .02 |     |    |    |    |    |    |    |    |    | .05 |     |     |     |     |   |  |
| NATL ARBORETUM DC                | 1.55   | T            | .01 |     |    | .01 |     |    |     |    |     |      | 1.00 |     |    |     | .25 | T   | T   |     |     |    |    |    |    |    |    |    |    |     | .28 | T   |     |     |   |  |
| OXON HILL                        | 1.09   |              |     |     |    | .18 |     |    |     |    | T   | T    | .57  |     |    |     | .30 |     | T   |     | T   |    |    |    |    |    |    |    |    |     | .04 |     |     |     |   |  |
| UPPER MARLBORO 3 NNW             | 1.07   |              |     |     |    | .01 |     |    |     |    |     |      | .59  |     |    |     | .28 |     |     |     |     |    |    |    |    |    |    |    |    |     |     | .19 |     |     |   |  |
| <b>NORTHERN EASTERN SHORE 05</b> |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| CHESTERTOWN                      | 1.35   |              |     |     |    | T   |     |    |     |    | T   | .25  |      |     |    | .89 |     |     | T   | T   |     |    |    |    |    |    | T  |    |    | .21 |     |     |     |     |   |  |
| <b>NORTHERN CENTRAL 06</b>       |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| ABERDEEN PHILLIPS FLD            | 1.22   | T            |     |     |    |     |     |    |     |    |     |      | .49  |     |    |     | .64 |     |     |     | .09 |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |
| CATOCTIN MTN PARK                | 1.30   |              |     |     |    |     |     |    |     |    | .29 |      | .24  |     |    | .60 | .01 |     | .07 | .02 |     |    |    |    |    |    |    |    |    | .07 |     |     |     |     |   |  |
| CONOWINGO DAM                    | 1.02   |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     | .37 |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     | .65 |     |   |  |
| CYLBURN                          | .87    | T            |     |     |    |     |     |    |     |    | .03 |      | .44  |     |    |     | .30 |     |     | .06 |     |    |    |    |    |    |    |    |    |     |     |     | .04 |     |   |  |
| DAMASCUS 3 SSW                   | 1.43   |              |     |     |    | T   |     |    |     |    | .40 | T    | .18  |     |    | .85 |     | T   |     | T   |     |    |    |    |    |    |    |    |    |     | T   |     |     |     |   |  |
| FREDERICK 2 NNE                  | 1.34   | .01          | .02 |     |    |     |     |    |     |    | .18 |      | .26  |     |    |     | .08 |     | .02 |     |     |    |    |    |    |    |    |    |    |     |     |     | .77 |     |   |  |
| MILLERS 4 NE                     | 1.81   | .02          | T   |     |    |     |     |    |     |    | .23 | T    | .28  |     |    | .31 | T   | T   | .02 | .03 |     |    |    |    |    | T  |    |    |    |     | .92 |     |     |     |   |  |
| POTOMAC FLTR PLT                 | .70    |              | .03 |     |    |     |     |    |     |    | .16 | .02  | .16  |     |    | .20 | .02 |     |     |     |     |    |    |    |    |    |    |    |    |     | .11 |     |     |     |   |  |
| ROCKVILLE 1 NE                   | .57    |              |     |     |    | T   |     |    |     |    | T   | .08  | .17  | .11 |    | .16 |     | T   |     |     |     |    |    |    |    |    |    |    |    | .05 |     |     |     |     |   |  |
| SMITHSBURG 2NW                   | M      | -            | -   | -   | -  | -   | -   | -  | -   | -  | -   | -    | -    | -   | -  | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -  | -  | -  | -  | -   | -   | -   | -   | -   | - |  |
| <b>APPALACHIAN</b>               |        |              |     |     |    |     |     |    |     |    |     |      |      |     |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |     |     |     |     |     |   |  |

MARYLAND AND DELAWARE  
MAY 2007

## DAILY PRECIPITATION (INCHES)

| STATION                     | TOTAL  | DAY OF MONTH |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
|-----------------------------|--------|--------------|-----|-----|----|-----|-----|----|----|----|-----|-----|-----|-----|----|------|-----|-----|-----|-----|----|----|----|----|-----|-----|----|----|-----|-----|-----|----|-----|--|
|                             |        | 01           | 02  | 03  | 04 | 05  | 06  | 07 | 08 | 09 | 10  | 11  | 12  | 13  | 14 | 15   | 16  | 17  | 18  | 19  | 20 | 21 | 22 | 23 | 24  | 25  | 26 | 27 | 28  | 29  | 30  | 31 |     |  |
| <b>MOUNTAIN 07</b>          |        |              |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| CUMBERLAND 2                | 1.04   |              | .04 |     |    |     | .02 |    |    |    |     |     | .07 |     |    |      | .20 | .03 |     | .67 |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| FROSTBURG 2                 | M 1.43 |              | .08 |     |    |     | .03 |    |    |    | T   |     | .05 |     |    |      | .40 | .03 | .84 | T   |    |    |    |    |     |     |    |    | .01 |     |     |    |     |  |
| SHARPSBURG 5 S              | M 1.89 | T            | .02 |     |    |     | .02 |    |    |    | .29 |     | .18 |     |    |      | .35 |     | *   | .20 | -  |    |    |    |     |     |    |    |     | .82 | .01 |    |     |  |
| WILLIAMSPORT                | M      | -            | -   | -   | -  | -   | -   | -  | -  | -  | -   | -   | -   | -   | -  | -    | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | -  | -  | -   | -   | -   | -  | -   |  |
| <b>ALLEGHENY PLATEAU 08</b> |        |              |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| OAKLAND 1 SE                | 2.57   | .23          |     | .01 |    | .15 | T   |    |    |    |     | .15 |     |     |    | .82  | .26 | .72 | .08 |     |    |    |    |    | .02 |     |    |    |     | .11 |     |    | .02 |  |
| SAVAGE RIVER DAM            | 1.84   |              | .12 |     |    |     | .04 |    |    |    |     |     | .25 |     |    |      | .32 | .05 | .84 | .05 |    |    |    |    |     |     |    |    |     |     | .17 |    |     |  |
| <b>DELAWARE</b>             |        |              |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| <b>NORTHERN 01</b>          |        |              |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| BEAR 2 SW                   | M      | -            | -   | -   | -  | -   | -   | -  | -  | -  | -   | -   | -   | -   | -  | -    | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | -  | -  | -   | -   | -   | -  | -   |  |
| NEWARK UNIV FARM            | M      | -            | -   | -   | -  | -   | -   | -  | -  | -  | -   | -   | -   | -   | -  | -    | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | -  | -  | -   | -   | -   | -  | -   |  |
| WILMINGTON NEW CASTLE R     | 1.02   |              | T   |     |    |     |     |    |    |    | T   |     | .26 | T   |    |      | .75 | .01 |     | T   | T  |    |    |    |     |     |    |    |     |     |     |    |     |  |
| WILMINGTON PORTER RSVR      | 1.75   |              |     |     |    |     |     |    |    |    | T   |     | .35 |     |    | 1.05 |     |     | T   |     |    |    |    |    |     | .35 |    |    |     |     |     |    |     |  |
| <b>SOUTHERN 02</b>          |        |              |     |     |    |     |     |    |    |    |     |     |     |     |    |      |     |     |     |     |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| DOVER                       | 1.35   |              |     |     |    |     |     |    |    |    |     |     | .40 |     |    |      | .77 | T   |     | .08 |    |    |    |    |     |     |    |    |     |     | .10 |    |     |  |
| GREENWOOD 2NE               | 1.05   |              |     |     |    |     | .02 |    |    |    | .14 | T   | .42 |     |    |      | .40 | T   | T   | .07 |    |    |    |    |     |     |    |    |     |     |     |    |     |  |
| LEWES                       | .93    |              |     |     | T  |     | .05 |    |    |    | .01 | T   | T   | .32 | T  |      | .34 | .04 | .01 | .16 |    |    |    |    |     |     |    |    |     |     |     |    |     |  |

MARYLAND AND DELAWARE  
MAY 2007

## DAILY TEMPERATURES (°F)

| STATION   | OB. TIME | MAX/MIN | DAY OF MONTH |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      | AVERAGE |  |
|---|----------|---------|--------------|----|----|----|-----|-----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|------|---------|--|
|   |          |         | 01           | 02 | 03 | 04 | 05  | 06  | 07 | 08 | 09 | 10 | 11 | 12 | 13  | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28  | 29 | 30 | 31   |         |  |
| <b>MARYLAND SOUTHERN EASTERN SHORE 01</b><br>ASSATEAGUE M | MID      | MAX     | 69           | 82 | 61 | 65 | 69  | 57  | 56 | 62 | 67 | 71 | 73 | 75 | 63  | 66 | 71 | 76 | 69 | 55 | 72 | 79 | 68 | 69 | 71 | 72 | 79 | 84 | 77 | 89  | 74 | 76 | 81   | 70.9    |  |
|   |          | OBS     | 85           | 69 | 82 | 61 | 65  | 69  | 57 | 56 | 62 | 67 | 71 | 73 | 75  | 63 | 66 | 71 | 76 | 69 | 55 | 72 | 79 | 68 | 69 | 71 | 72 | 79 | 84 | 77  | 89 | 74 | 76   | 76      |  |
|   |          | MIN     | 54           | 54 | 51 | 46 | 46  | 46  | 46 | 46 | 49 | 53 | 57 | 55 | 53  | 39 | 40 | 56 | 60 | 54 | 41 | 48 | 51 | 53 | 46 | 55 | 56 | 56 | 62 | 60  | 59 | 56 | 50   | 51.7    |  |
|   |          | OBS     | 58           | 54 | 54 | 51 | 46  | 46  | 46 | 46 | 49 | 53 | 57 | 55 | 53  | 39 | 40 | 56 | 60 | 54 | 41 | 48 | 51 | 53 | 46 | 55 | 56 | 56 | 62 | 60  | 59 | 56 | 50   | 50      |  |
| PRINCESS ANNE   | 17       | MAX     |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    | M    |         |  |
|   |          | MIN     |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      | M       |  |
| SALISBURY   | 17       | MAX     | 86           | 81 | 77 | 69 | 73  | 63  | 61 | 71 | 81 | 80 | 85 | 84 | 69  | 72 | 80 | 82 | 81 | 67 | 71 | 79 | 79 | 77 | 75 | 80 | 83 | 88 | 88 | 88  | 88 | 83 | 86   | 78.3    |  |
|   |          | MIN     | 57           | 59 | 53 | 45 | 46  | 51  | 42 | 43 | 56 | 65 | 62 | 64 | 55  | 44 | 56 | 66 | 59 | 52 | 47 | 52 | 59 | 49 | 52 | 50 | 56 | 64 | 68 | 68  | 69 | 56 | 61   | 55.7    |  |
| SALISBURY FAA AP M  | MID      | MAX     | 75           | 82 | 62 | 68 | 74  | 56  | 59 | 70 | 81 | 79 | 84 | 78 | 69  | 72 | 79 | 82 | 70 | 56 | 70 | 78 | 73 | 75 | 74 | 80 | 83 | 89 | 88 | 89  | 84 | 84 | 87   | 75.8    |  |
|   |          | MIN     | 48           | 52 | 46 | 35 | 34  | 43  | 39 | 37 | 55 | 62 | 59 | 53 | 38  | 32 | 56 | 62 | 54 | 38 | 39 | 43 | 42 | 36 | 41 | 39 | 45 | 52 | 61 | 61  | 51 | 43 | 50   | 46.6    |  |
| SNOW HILL 4 N   | 17       | MAX     | 86           | 84 | 72 | 69 | 74  | 67  | 59 | 68 | 81 | 78 | 86 | 85 | 69  | 82 | 85 | 85 | 66 | 72 | 80 | 79 | 74 | 80 | 87 | 92 | 91 | 91 | 91 | 91  | 83 | 89 | 79.0 |         |  |
|   |          | MIN     | 50           | 55 | 50 | 42 | 37  | 49  | 39 | 41 | 56 | 62 | 60 | 58 | 54  | 37 | 53 | 65 | 59 | 51 | 43 | 49 | 58 | 42 | 44 | 44 | 52 | 58 | 65 | 68  | 65 | 48 | 55   | 51.9    |  |
| <b>CENTRAL EASTERN SHORE 02</b><br>ROYAL OAK 2 SSW        | 18       | MAX     | 82           | 81 | 77 | 72 | 70  | 63  | 67 | 74 | 78 | 84 | 82 | 76 | 72  | 80 | 82 | 78 | 67 | 72 | 78 | 77 | 73 | 75 | 77 | 83 | 88 | 87 | 85 | 84  | 84 | 86 | 77.8 |         |  |
|   |          | OBS     | 73           |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |
|   |          | MIN     | 54           | 55 | 53 | 44 | 47  | 50  | 41 | 38 | 56 | 64 | 65 | 61 | 52  | 43 | 60 | 67 | 57 | 52 | 48 | 51 | 58 | 50 | 49 | 52 | 57 | 64 | 65 | 71  | 65 | 57 | 66   | 55.2    |  |
|   |          | OBS     | 88           | 84 | 69 | 72 | 73  | 65  | 63 | 74 | 82 | 83 | 87 | 87 | 75  | 74 | 79 | 82 | 76 | 66 | 71 | 76 | 79 | 76 | 76 | 77 | 85 | 85 | 92 | 89  | 90 | 87 | 85   | 78.9    |  |
| VIENNA  | 18       | MAX     |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |
|   |          | OBS     |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |
|   |          | MIN     | 56           | 57 | 51 | 42 | 41  | 50  | 33 | 41 | 56 | 64 | 64 | 61 | 54  | 43 | 56 | 64 | 56 | 50 | 49 | 52 | 57 | 47 | 53 | 50 | 59 | 65 | 67 | 69  | 67 | 56 | 61   | 54.5    |  |
|   |          | OBS     |              |    |    |    |     | 36  |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |
| <b>LOWER SOUTHERN 03</b><br>MECHANICSVILLE 5 NE           | 07       | MAX     | 86           | 75 | 82 | 62 | 69  | 69  | 60 | 63 | 70 | 78 | 78 | 83 | 77  | 68 | 72 | 81 | 83 | 69 | 58 | 70 | 79 | 72 | 74 | 75 | 78 | 83 | 87 | 85  | 85 | 81 | 85   | 75.4    |  |
|   |          | MIN     | 53           | 56 | 57 | 45 | 46  | 45  | 39 | 36 | 40 | 57 | 57 | 58 | 54  | 41 | 40 | 51 | 56 | 51 | 49 | 49 | 54 | 46 | 46 | 49 | 49 | 55 | 63 | 67  | 65 | 56 | 56   | 51.2    |  |
|   |          | MAX     | 86           | 73 | 79 | 64 | 69  | 71  | 62 | 66 | 74 | 77 | 74 | 81 | 80  | 68 | 70 | 83 | 84 | 71 | 61 | 73 | 82 | 73 | 73 | 72 | 76 | 85 | 82 | 87  | 88 | 83 | 80   | 75.7    |  |
|   |          | OBS     |              |    |    |    | *** |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *** |    |    |      |         |  |
| SOLOMONS  | 08       | MIN     | 57           | 57 | 56 | 51 | 49  | 53  | 45 | 45 | 53 | 55 | 61 | 62 | 58  | 49 | 58 | 63 | 59 | 54 | 52 | 55 | 57 | 55 | 57 | 55 | 59 | 66 | 68 | 71  | 69 | 61 | 64   | 57.3    |  |
|   |          | OBS     |              |    |    |    | *** | *** |    |    |    |    |    |    | *** |    |    |    |    |    |    |    |    |    |    |    |    |    |    | *** |    |    |      |         |  |
|   |          | MAX     | 74           | 83 | 69 | 71 | 70  | 63  | 66 | 75 | 79 | 80 | 85 | 81 | 71  | 71 | 85 | 85 | 70 | 63 | 73 | 78 | 73 | 76 | 77 | 82 | 88 | 92 | 90 | 86  | 86 | 87 | 91   | 78.1    |  |
|   |          | MIN     | 52           | 55 | 51 | 42 | 48  | 46  | 39 | 36 | 54 | 66 | 63 | 58 | 47  | 39 | 57 | 58 | 53 | 53 | 46 | 54 | 50 | 44 | 50 | 52 | 55 | 65 | 62 | 63  | 62 | 56 | 63   | 52.9    |  |
| BELTSVILLE  | 08       | MAX     | 83           | 78 | 81 | 69 | 72  | 68  | 62 | 66 | 76 | 81 | 80 | 83 | 80  | 69 | 72 | 83 | 82 | 69 | 61 | 72 | 78 | 73 | 77 | 78 | 80 | 88 | 90 | 88  | 83 | 85 | 89   | 77.3    |  |
|   |          | MIN     | 51           | 55 | 57 | 43 | 49  | 49  | 38 | 37 | 49 | 62 | 63 | 59 | 52  | 41 | 54 | 62 | 56 | 51 | 47 | 53 | 56 | 44 | 50 | 51 | 53 | 61 | 63 | 64  | 64 | 56 | 61   | 53.3    |  |
| DALECARLIA RESERVOIR                                      | 08       | MAX     | 81           | 83 | 85 | 69 | 74  | 72  | 64 | 68 | 73 | 79 | 83 | 86 | 82  | 70 | 76 | 87 | 86 | 72 | 62 | 73 | 82 | 71 | 81 | 79 | 82 | 91 | 92 | 90  | 86 | 86 | 92   | 79.3    |  |
|   |          | OBS     |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |
|   |          | MIN     | 42           | 55 | 57 | 46 | 56  | 47  | 40 | 39 | 47 | 58 | 63 | 60 | 51  | 43 | 52 | 65 | 55 | 52 | 46 | 50 | 57 | 47 | 42 | 53 | 54 | 55 | 65 | 63  | 63 | 60 | 69   | 53.3    |  |
| OBS   |          | 40      |              |    |    |    |     |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |      |         |  |

DAILY TEMPERATURES (°F)

| STATION                                      | OB. TIME | MAX/MIN | DAY OF MONTH |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | AVERAGE |
|--|----------|---------|--------------|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
|  |          |         | 01           | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13  | 14  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31   |         |
| GLENN DALE BELL STN                          | 08       | MAX     | 85           | 76 | 82 | 68 | 72 | 71 | 62 | 66 | 74 | 79 | 80 | 85 | 79  | 71  | 74 | 83 | 83 | 69 | 61 | 70 | 78 | 74 | 75 | 77 | 80 | 87 | 91 | 87 | 85 | 85 | 86   | 77.3    |
|  |          | OBS     | 76           | 82 | 68 | 72 | 71 | 62 | 66 | 74 | 79 | 80 | 85 | 79 | 71  | 74  | 83 | 83 | 69 | 61 | 70 | 78 | 74 | 75 | 77 | 80 | 87 | 91 | 87 | 85 | 85 | 86 | 89   |         |
|  |          | MIN     | 51           | 54 | 49 | 42 | 48 | 42 |    |    |    |    | 54 | 52 |     |     |    | 51 | 49 | 49 |    | 50 |    |    | 48 |    |    | 60 | 62 | 62 |    | 50 | M    |         |
| MD SCI CTR BALTIMORE M                       | MID      | MAX     | 76           | 82 | 71 | 73 | 74 | 66 | 69 | 76 | 80 | 83 | 88 | 84 | 73  | 74  | 88 | 88 | 73 | 67 | 77 | 83 | 77 | 79 | 80 | 85 | 90 | 95 | 90 | 90 | 89 | 88 | 94   | 80.7    |
|  |          | MIN     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | M       |
|  |          | OBS     | 63           |    |    |    |    |    |    | 25 |    |    |    |    | 39  |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 49 |    |      |         |
| NATL ARBORETUM DC                            | 07       | MAX     | 86           | 81 | 84 | 69 | 73 | 73 | 64 | 67 | 77 | 83 | 81 | 85 | 81  | 72  | 75 | 84 | 83 | 69 | 61 | 73 | 80 | 82 | 79 | 80 | 81 | 87 | 92 | 88 | 85 | 87 | 87   | 79.0    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | ***     |
|  |          | MIN     | 57           | 57 | 57 | 47 | 54 | 50 | 42 | 40 | 49 | 63 | 65 | 61 | 53  | 44  | 55 | 63 | 58 | 53 | 51 | 55 | 59 | 53 | 53 | 55 | 59 | 65 | 65 | 66 | 67 | 67 | 64   |         |
| OXON HILL                                    | 08       | MAX     | 87           | 82 | 85 | 67 | 73 | 69 | 64 | 67 | 78 | 84 | 82 | 87 | 83  | 72  | 76 | 85 | 83 | 70 | 62 | 75 |    |    |    |    | 88 | 92 | 89 | 87 | 87 | 89 | 79.3 |         |
|  |          | MIN     | 55           | 56 | 58 | 48 | 55 | 50 | 42 | 41 | 45 | 61 | 65 | 62 | 54  | 45  | 51 | 60 | 59 | 55 | 51 | 53 |    | 51 |    |    | 65 | 67 | 67 | 67 | 64 | 65 | 56.0 |         |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | ***     |
| UPPER MARLBORO 3 NNW                         | 08       | MAX     | 86           | 77 | 82 | 69 | 71 | 70 | 62 | 66 | 75 | 82 | 80 | 86 | 81  | 70  | 74 | 84 | 84 | 71 | 62 | 73 | 80 | 74 | 77 | 78 | 81 | 87 | 91 | 89 | 86 | 85 | 88   | 78.1    |
|  |          | MIN     | 54           | 56 | 55 | 43 | 51 | 49 | 37 | 36 | 47 | 61 | 64 | 58 | 54  | 41  | 53 | 62 | 54 | 51 | 48 | 55 | 58 | 45 | 50 | 51 | 54 | 63 | 64 | 65 | 57 | 62 | 53.6 |         |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| NORTHERN EASTERN SHORE 05<br>CHESTERTOWN     | 23       | MAX     | 75           | 77 | 69 | 71 | 72 | 62 | 66 | 75 | 79 | 80 | 84 | 80 | 69  | 71  | 80 | 82 | 71 | 64 | 71 | 77 | 72 | 76 | 76 | 77 | 83 | 89 | 85 | 82 | 81 | 84 | 87   | 76.4    |
|  |          | MIN     | 54           | 55 | 51 | 44 | 43 | 47 | 39 | 39 | 53 | 65 | 65 | 57 | 52  | 45  | 59 | 61 | 56 | 52 | 50 | 51 | 55 | 47 | 53 | 52 | 55 | 64 | 64 | 65 | 63 | 57 | 66   | 54.2    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| NORTHERN CENTRAL 06<br>ABERDEEN PHILLIPS FLD | 16       | MAX     | 85           | 78 | 78 | 70 | 72 | 68 | 66 | 75 | 78 | 81 | 85 | 85 | 78  | 72  | 83 | 85 | 80 | 68 | 71 | 77 | 75 | 76 | 77 | 80 | 85 | 87 | 85 | 84 | 83 | 85 | 90   | 78.8    |
|  |          | MIN     | 54           | 57 | 52 | 46 | 45 | 47 | 40 | 39 | 54 | 66 | 67 | 59 | 52  | 42  | 57 | 69 | 55 | 54 | 47 | 51 | 53 | 50 | 52 | 53 | 57 | 61 | 63 | 63 | 62 | 55 | 67   | 54.5    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| CATOCTIN MTN PARK                            | 17       | MAX     | 78           | 83 | 68 | 70 | 69 | 61 | 67 | 75 | 79 | 82 | 79 | 79 | 73  | 67  | 83 | 81 | 64 | 63 | 69 | 72 | 69 | 75 | 76 | 80 | 88 | 88 | 86 | 80 | 78 | 87 | 86   | 76.0    |
|  |          | MIN     | 50           | 60 | 49 | 45 | 50 | 41 | 38 | 43 | 55 | 63 | 60 | 60 | 43  | 44  | 52 | 60 | 48 | 47 | 42 | 50 | 46 | 52 | 55 | 55 | 56 | 60 | 60 | 64 | 57 | 60 | 61   | 52.5    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    | *** | *** |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| CONOWINGO DAM                                | 07       | MAX     | 86           | 75 | 78 | 74 | 75 | 73 | 64 | 70 | 75 | 77 | 84 | 85 | 83  | 72  | 73 | 85 | 86 | 72 | 66 | 75 | 78 | 77 | 79 | 79 | 84 | 87 | 89 | 90 | 82 | 85 | 88   | 78.9    |
|  |          | MIN     | 48           | 50 | 50 | 51 | 47 | 50 | 41 | 43 | 53 | 54 | 66 | 65 |     |     | 61 | 65 | 55 | 54 | 49 | 49 | 54 | 48 | 50 | 54 | 55 | 57 | 62 | 62 | 58 | 58 | 57   | 54.0    |
|  |          | OBS     | 84           | 75 | 81 | 70 | 73 | 63 | 62 | 70 | 75 | 78 | 81 | 85 | 81  | 65  | 72 | 85 | 86 | 70 | 59 | 70 | 74 | 72 | 77 | 77 | 80 | 84 | 85 | 87 | 79 | 83 | 85   | 76.4    |
| CYLBURN                                      | 08       | MAX     | 84           | 75 | 81 | 70 | 73 | 63 | 62 | 70 | 75 | 78 | 81 | 85 | 81  | 65  | 72 | 85 | 86 | 70 | 59 | 70 | 74 | 72 | 77 | 77 | 80 | 84 | 85 | 87 | 79 | 83 | 85   | 76.4    |
|  |          | MIN     | 53           | 54 | 51 | 44 | 46 | 47 | 39 | 39 | 45 | 57 | 60 | 60 | 47  | 41  | 49 | 58 | 54 | 50 | 50 | 45 | 53 | 45 | 53 | 53 | 56 | 62 | 63 | 63 | 61 | 56 | 60   | 52.1    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| DAMASCUS 3 SSW                               | 22       | MAX     | 78           | 79 | 70 | 70 | 69 | 60 | 75 | 73 | 80 | 80 | 80 | 80 | 66  | 70  | 83 | 80 | 68 | 60 | 69 | 75 | 73 | 76 | 76 | 79 | 84 | 87 | 86 | 79 | 83 | 85 | 88   | 76.2    |
|  |          | MIN     | 53           | 54 | 53 | 54 | 49 | 44 | 38 | 34 | 53 | 63 | 64 | 60 | 46  | 40  | 53 | 58 | 49 | 48 | 42 | 53 | 48 | 47 | 53 | 54 | 56 | 62 | 60 | 60 | 60 | 57 | 64   | 52.5    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| FREDERICK 2 NNE                              | 07       | MAX     | 83           | 83 | 79 | 70 | 73 | 66 | 63 | 69 | 78 | 82 | 83 | 83 | 82  | 69  | 71 | 85 | 82 | 69 | 59 | 73 | 78 | 73 | 80 | 80 | 84 | 89 | 90 | 90 | 83 | 85 | 90   | 78.2    |
|  |          | MIN     | 52           | 52 | 52 | 42 | 43 | 46 | 37 | 40 | 41 | 54 | 64 | 60 | 51  | 41  | 43 | 56 | 53 | 50 | 43 | 45 | 51 | 44 | 53 | 56 | 57 | 60 | 62 | 63 | 59 | 57 | 57   | 51.1    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| MILLERS 4 NE                                 | 18       | MAX     | 77           | 72 | 68 | 69 | 68 | 61 | 66 | 74 | 77 | 79 | 79 | 79 | 73  | 67  | 82 | 80 | 64 | 62 | 69 | 74 | 72 | 75 | 76 | 79 | 86 | 86 | 85 | 82 | 79 | 83 | 87   | 75.2    |
|  |          | MIN     | 48           | 52 | 45 | 43 | 42 | 42 | 34 | 36 | 51 | 61 | 63 | 59 | 45  | 39  | 52 | 59 | 48 | 46 | 41 | 46 | 48 | 40 | 49 | 51 | 52 | 61 | 58 | 59 | 56 | 51 | 59   | 49.5    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| ROCKVILLE 1 NE M                             | MID      | MAX     | 80           | 78 | 70 | 72 | 67 | 61 | 66 | 76 | 83 | 81 | 83 | 80 | 67  | 75  | 87 | 83 | 67 | 60 | 71 | 77 | 73 | 80 | 78 | 83 | 88 | 90 | 90 | 82 | 84 | 88 | 91   | 77.8    |
|  |          | MIN     | 57           | 58 | 55 | 46 | 52 | 47 | 42 | 40 | 56 | 66 | 65 | 60 | 48  | 44  | 59 | 61 | 55 | 51 | 48 | 58 | 55 | 48 |    |    |    |    |    |    |    |    |      | 55.8    |
|  |          | OBS     |              |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | ***     |



DAILY TEMPERATURES (°F)

| STATION                        | OB. TIME | MAX/MIN                  | DAY OF MONTH         |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              | AVERAGE      |              |
|--------------------------------|----------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|--------------|--------------|--------------|
|                                |          |                          | 01                   | 02                   | 03                   | 04                   | 05                   | 06                   | 07                   | 08                   | 09                   | 10                   | 11                   | 12                   | 13                   | 14                   | 15                   | 16                   | 17                   | 18                   | 19                   | 20                   | 21                   | 22                   | 23                   | 24                   | 25                   | 26                   | 27                   | 28                   | 29                   | 30             | 31           |              |              |
| SMITHSBURG 2NW                 | 08       | MAX<br>MIN               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              | M<br>M       |              |
| <b>APPALACHIAN MOUNTAIN 07</b> |          |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              |              |
| CUMBERLAND 2                   | 18       | MAX<br>MIN               | 90<br>54             | 88<br>56             | 81<br>44             | 74<br>44             | 71<br>45             | 67<br>37             | 73<br>37             | 85<br>41             | 91<br>53             | 90<br>58             | 90<br>50             | 83<br>40             | 75<br>42             | 75<br>50             | 91<br>51             | 86<br>50             | 67<br>40             | 62<br>40             | 75<br>43             | 79<br>52             | 75<br>47             | 84<br>48             | 87<br>56             | 88<br>58             | 91<br>61             | 92<br>60             | 91<br>60             | 88<br>59             | 91<br>57             | 88<br>60       | 94<br>64     | 95<br>64     | 82.9<br>50.8 |
| FROSTBURG 2                    | 07       | MAX<br>MIN               | 76<br>51             | 84<br>52             | 74<br>46             | 59<br>40             | 69<br>44             | 63<br>39             | 60<br>38             | 85<br>44             | 91<br>49             | 90<br>49             | 83<br>56             | 83<br>43             | 79<br>39             | 77<br>44             | 68<br>61             | 68<br>45             | 66<br>44             | 57<br>40             | 51<br>43             | 64<br>44             | 69<br>43             | 70<br>46             | 77<br>53             | 76<br>56             | 79<br>56             | 81<br>55             | 82<br>55             | 82<br>56             | 77<br>54             | 79<br>55       | 84<br>55     | 84<br>55     | 73.1<br>47.7 |
| SHARPSBURG 5 S                 | 07       | MAX<br>OBS<br>MIN<br>OBS | 83<br>50<br>50<br>50 | 83<br>50<br>50<br>50 | 80<br>51<br>42<br>42 | 70<br>44<br>44<br>38 | 73<br>44<br>38<br>37 | 67<br>38<br>37<br>37 | 64<br>37<br>37<br>37 | 68<br>37<br>37<br>37 | 77<br>53<br>60<br>57 | 84<br>60<br>57<br>47 | 83<br>57<br>47<br>37 | 81<br>47<br>37<br>39 | 69<br>39<br>50<br>49 | 73<br>50<br>49<br>43 | 87<br>50<br>49<br>43 | 82<br>43<br>43<br>43 | 69<br>40<br>40<br>40 | 57<br>40<br>46<br>47 | 73<br>46<br>47<br>44 | 78<br>44<br>45<br>44 | 73<br>45<br>57<br>45 | 79<br>57<br>56<br>57 | 80<br>56<br>57<br>59 | 83<br>56<br>57<br>59 | 88<br>59<br>60<br>60 | 89<br>56<br>57<br>59 | 89<br>60<br>57<br>56 | 83<br>56<br>57<br>56 | 84<br>56<br>57<br>56 | 88<br>48.5     |              |              |              |
| WILLIAMSPORT                   | 06       | MAX<br>MIN               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              | M<br>M       |
| <b>ALLEGHENY PLATEAU 08</b>    |          |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              |              |
| OAKLAND 1 SE                   | 07       | MAX<br>OBS<br>MIN<br>OBS | 69<br>82<br>26<br>47 | 82<br>73<br>47<br>50 | 71<br>56<br>50<br>45 | 56<br>62<br>42<br>38 | 62<br>57<br>42<br>30 | 58<br>63<br>30<br>39 | 63<br>77<br>39<br>40 | 77<br>80<br>40<br>50 | 80<br>83<br>50<br>49 | 83<br>78<br>50<br>47 | 83<br>76<br>47<br>31 | 78<br>67<br>47<br>31 | 63<br>74<br>39<br>40 | 70<br>79<br>62<br>44 | 80<br>64<br>44<br>43 | 67<br>56<br>47<br>37 | 58<br>47<br>63<br>38 | 47<br>63<br>36<br>49 | 63<br>66<br>49<br>42 | 66<br>71<br>42<br>48 | 66<br>79<br>48<br>50 | 79<br>80<br>48<br>50 | 80<br>77<br>52<br>49 | 76<br>87<br>49<br>50 | 87<br>81<br>50<br>56 | 81<br>81<br>50<br>56 | 81<br>77<br>53<br>49 | 77<br>79<br>49<br>53 | 79<br>84<br>49<br>53 | 84<br>83<br>55 | 71.5<br>45.0 |              |              |
| SAVAGE RIVER DAM               | 08       | MAX<br>MIN               | 75<br>49             | 82<br>50             | 75<br>52             | 59<br>41             | 65<br>42             | 60<br>38             | 61<br>34             | 66<br>36             | 76<br>40             | 82<br>47             | 82<br>54             | 80<br>55             | 76<br>50             | 67<br>36             | 70<br>38             | 80<br>49             | 68<br>48             | 59<br>47             | 52<br>41             | 65<br>41             | 69<br>52             | 72<br>44             | 76<br>46             | 76<br>54             | 77<br>54             | 82<br>55             | 83<br>55             | 83<br>56             | 79<br>57             | 82<br>53       | 83<br>54     | 73.0<br>47.4 |              |
| <b>DELAWARE NORTHERN 01</b>    |          |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              |              |
| BEAR 2 SW M                    | MID      | MAX<br>MIN               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              | M<br>M       |
| NEWARK UNIV FARM               | 17       | MAX<br>MIN               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              | M<br>M       |
| WILMINGTON NEW CASTLE M        | MID      | MAX<br>MIN               | 69<br>50             | 75<br>52             | 68<br>48             | 69<br>43             | 71<br>45             | 62<br>46             | 67<br>40             | 71<br>39             | 78<br>57             | 83<br>61             | 81<br>62             | 81<br>57             | 72<br>50             | 68<br>45             | 82<br>56             | 84<br>60             | 71<br>53             | 64<br>50             | 72<br>45             | 77<br>53             | 73<br>52             | 76<br>47             | 74<br>54             | 80<br>54             | 85<br>56             | 90<br>64             | 88<br>65             | 84<br>64             | 82<br>60             | 85<br>55       | 90<br>65     | 76.4<br>53.2 |              |
| WILMINGTON PORTER RSVRM        | MID      | MAX<br>MIN               | 70<br>52             | 73<br>53             | 68<br>50             | 69<br>50             | 73<br>46             | 59<br>45             | 64<br>41             | 73<br>43             | 77<br>56             | 81<br>62             | 80<br>56             | 67<br>51             | 68<br>49             | 81<br>54             | 84<br>59             | 68<br>55             | 65<br>46             | 63<br>55             | 73<br>53             | 73<br>57             | 76<br>52             | 76<br>55             | 80<br>55             | 86<br>59             | 88<br>64             | 87<br>64             | 80<br>70             | 80<br>62             | 85<br>58             | 89<br>65       | 75.3<br>54.8 |              |              |
| <b>SOUTHERN 02</b>             |          |                          |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                |              |              |              |
| DOVER                          | 16       | MAX<br>MIN               | 82<br>52             | 78<br>55             | 78<br>58             | 66<br>45             | 71<br>44             | 70<br>46             | 64<br>42             | 71<br>41             | 72<br>54             | 82<br>61             | 80<br>55             | 75<br>52             | 67<br>44             | 82<br>57             | 84<br>64             | 83<br>55             | 67<br>50             | 71<br>49             | 76<br>52             | 75<br>53             | 75<br>50             | 72<br>51             | 80<br>53             | 84<br>58             | 89<br>65             | 88<br>65             | 88<br>65             | 88<br>64             | 82<br>56             | 84<br>64       | 89<br>64     | 77.5<br>54.2 |              |
| GREENWOOD 2NE                  | 07       | MAX<br>MIN               | 84<br>50             | 76<br>52             | 79<br>48             | 67<br>40             | 69<br>41             | 72<br>48             | 58<br>39             | 61<br>38             | 71<br>51             | 81<br>56             | 79<br>62             | 82<br>60             | 75<br>55             | 70<br>41             | 82<br>45             | 80<br>61             | 82<br>57             | 67<br>51             | 59<br>46             | 70<br>50             | 77<br>54             | 73<br>46             | 77<br>47             | 77<br>48             | 80<br>57             | 85<br>65             | 92<br>65             | 89<br>63             | 86<br>53             | 84<br>57       | 86<br>57     | 76.1<br>51.4 |              |
| LEWES                          | 17       | MAX<br>MIN               | 85<br>54             | 74<br>55             | 64<br>52             | 66<br>44             | 74<br>46             | 69<br>49             | 56<br>46             | 65<br>46             | 76<br>54             | 77<br>61             | 79<br>61             | 79<br>59             | 66<br>53             | 67<br>47             | 83<br>56             | 85<br>67             | 84<br>58             | 63<br>50             | 70<br>45             | 76<br>52             | 78<br>59             | 73<br>50             | 73<br>53             | 79<br>53             | 86<br>58             | 89<br>66             | 91<br>67             | 89<br>66             | 83<br>66             | 83<br>56       | 91<br>64     | 76.5<br>55.3 |              |

## PAN EVAPORATION AND WIND

| STATION  |      | DAY OF MONTH |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |    |    |    |    |    |     |    |    |    |    |    |    |     |     |     | TOTAL OR<br>AVERAGE |
|--|------|--------------|----|----|----|----|----|-----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|-----|-----|-----|---------------------|
|  |      | 01           | 02 | 03 | 04 | 05 | 06 | 07  | 08 | 09 | 10 | 11 | 12 | 13 | 14  | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22  | 23 | 24 | 25 | 26 | 27 | 28 | 29  | 30  | 31  |                     |
| <b>MARYLAND<br/>UPPER SOUTHERN 04<br/>BELTSVILLE</b> | WIND | 71           | 45 | 64 | 31 | *  | *  | 179 | 50 | 33 | 29 | 51 | *  | *  | 146 | 48 | 83 | 70 | 46 | *  | *  | *  | 248 | 60 | 19 | 37 | *  | *  | *  | 101 | 23  | 28  | 1462                |
|  | EVAP | 27           | 21 | 25 | 19 | *  | *  | 59  | 20 | 17 | 11 | 20 | *  | *  | 70  | 24 | 23 | 29 | 16 | *  | *  | *  | 70  | 21 | 25 | 22 | *  | *  | *  | 75  | 25  | 23  | 6.42                |
|  | MAX  | 79           | 82 | 84 | 74 | -  | -  | 78  | 72 | 83 | 83 | 87 | -  | -  | 87  | 81 | 80 | 81 | 71 | -  | -  | -  | 80  | 83 | 84 | 86 | -  | -  | -  | 93  | 92  | 90  | M                   |
|  | MIN  | 49           | 54 | 53 | 49 | -  | -  | 42  | 43 | 42 | 47 | 64 | -  | -  | 43  | 45 | 59 | 55 | 52 | -  | -  | -  | 47  | 50 | 54 | 55 | -  | -  | -  | 61  | 57  | 63  | M                   |
| <b>UPPER MARLBORO 3 NNW</b>                          | WIND | -            | -  | -  | -  | -  | -  | -   | -  | -  | -  | -  | -  | -  | -   | -  | -  | -  | -  | -  | -  | -  | -   | -  | -  | -  | -  | -  | -  | -   | -   | -   | M                   |
|  | EVAP | 25           | 29 | 20 | 16 | *  | *  | 60  | 21 | 18 | 15 | 21 | *  | *  | 14  | 29 | 35 | 22 | 17 | *  | *  | 54 | 22  | 23 | 25 | 23 | *  | *  | *  | 91  | 27  | 27  | 6.34                |
|  | MAX  | 85           | 87 | 83 | 75 | 84 | 70 | 77  | 81 | 88 | 91 | 91 | 93 | 91 | 84  | 86 | 89 | 86 | 83 | 67 | 83 | 82 | 90  | 93 | 90 | 93 | 96 | 98 | 98 | 95  | 100 | 100 | 87.4                |
|  | MIN  | 53           | 55 | 56 | 51 | 52 | 46 | 44  | 45 | 45 | 60 | 66 | 64 | 60 | 51  | 52 | 55 | 59 | 55 | 51 | 53 | 53 | 52  | 54 | 57 | 59 | 62 | 69 | 68 | 67  | 62  | 64  | 56.1                |

Evaporation: Is measured in hundredths of inches.

Wind: Is measured in miles.

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

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) |                          |
| <b>MARYLAND</b>          |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| ABERDEEN PHILLIPS FLD    | 0015      | 06       | HARFORD      | 39 28    | 76 10W    | 57                     | 16                                | 16     |      | C H                    | US ARMY ABERDEEN TEST CT |
| ASSATEAGUE               | 0335      | 01       | WORCESTER    | 38 4     | 75 13W    | 10                     | MID                               | MID    |      | H                      | ASSATEAGUE IS NATL SEA   |
| BALTIMORE WASH INTL AP R | 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 MTN 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         |
| CYLBURN                  | 2308      | 06       | BALTIMORE (C | 39 22    | 76 38W    | 400                    | 08                                | 08     |      | 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                      | INACTIVE 10/01/2005      |
| 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        |
| LAUREL 3 W               | 5111      | 04       | PRINCE GEORG | 39 5     | 76 54W    | 400                    |                                   | 07     |      | H                      | WA SUBURBAN SANITARY COM |
| MD SCI CTR BALTIMORE R   | 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            |
| NATL ARBORETUM DC        | 6350      | 04       | DISTRICT OF  | 38 55    | 76 58W    | 50                     | 07                                | 07     |      | H                      | US NATIONAL ARBORETUM    |
| OAKLAND 1 SE             | 6620      | 08       | GARRETT      | 39 25    | 79 24W    | 2420                   | 07                                | 07     |      | H                      | GARRETT CO MEM HOSPITAL  |
| OXON HILL                | 6800      | 04       | PRINCE GEORG | 38 48    | 77 0W     | 120                    | 08                                | 08     |      | H                      | BRIAN SMITH              |
| POTOMAC FLTR PLT         | 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 EAST 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 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 WWTP          |
| 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     |
| <b>DELAWARE</b>          |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| 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      |
| WILMINGTON NEW CASTLE R  | 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.

SS Observation time near sunset.  
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."

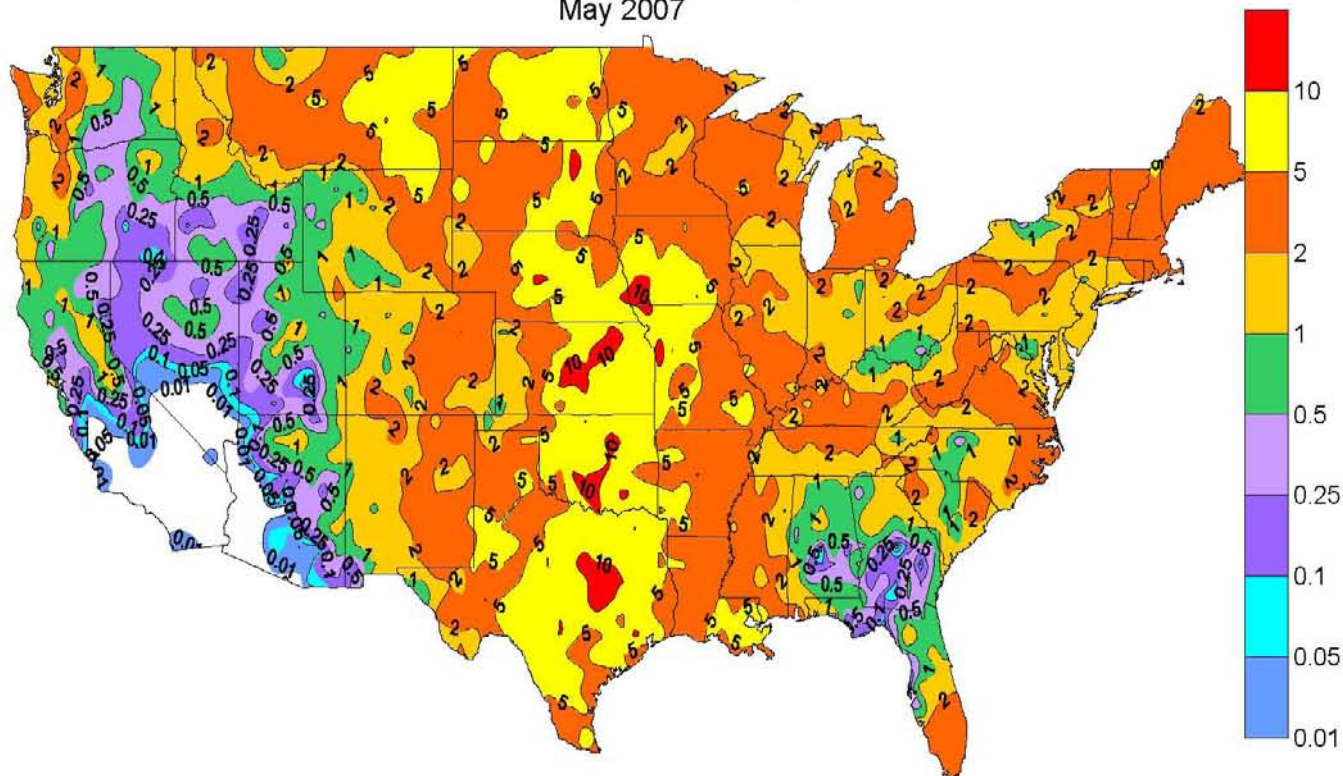
Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information of regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this 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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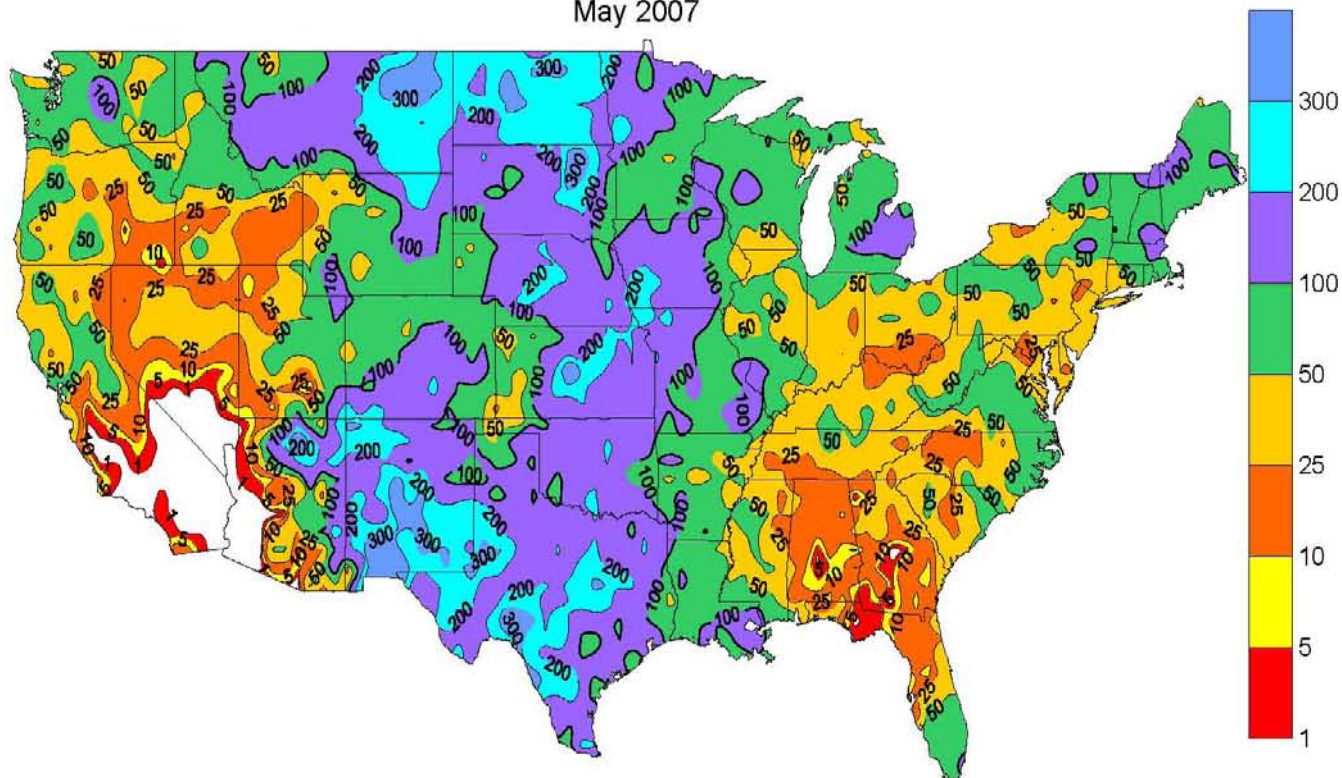
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Total Precipitation (Inches)  
May 2007

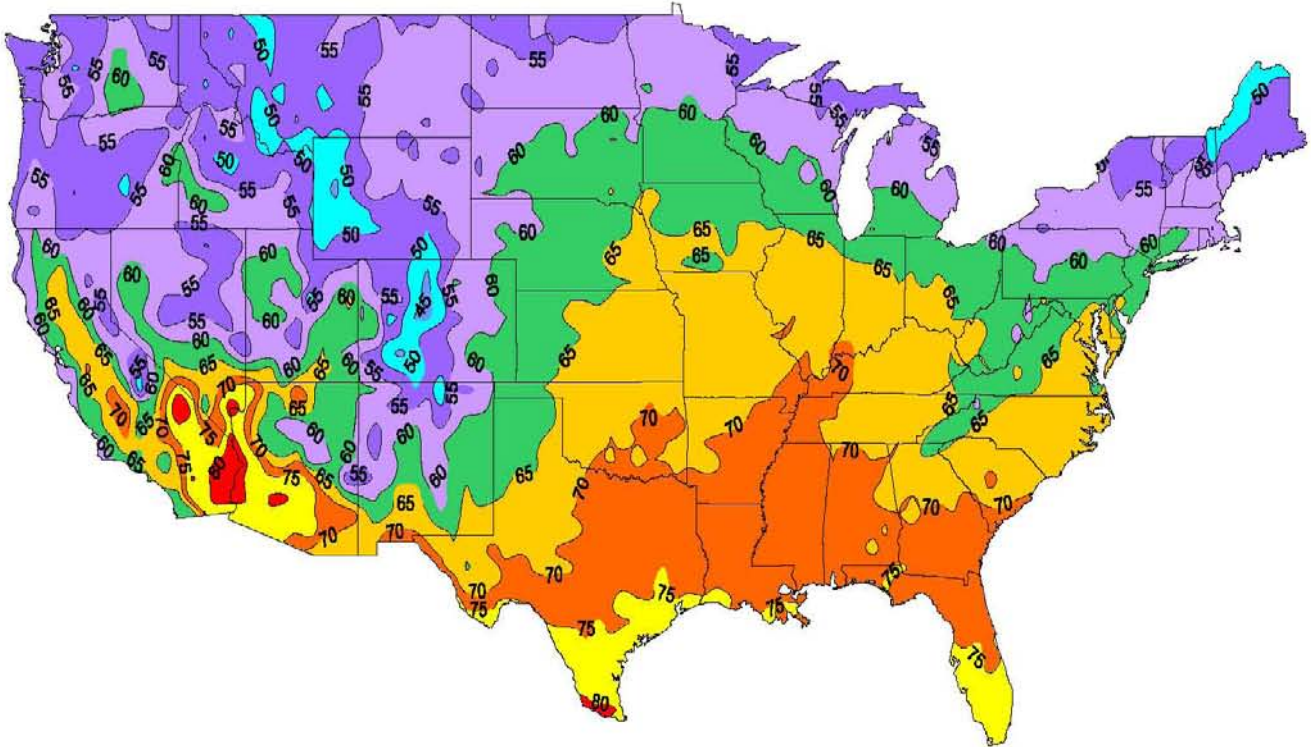


Percent of Normal  
May 2007

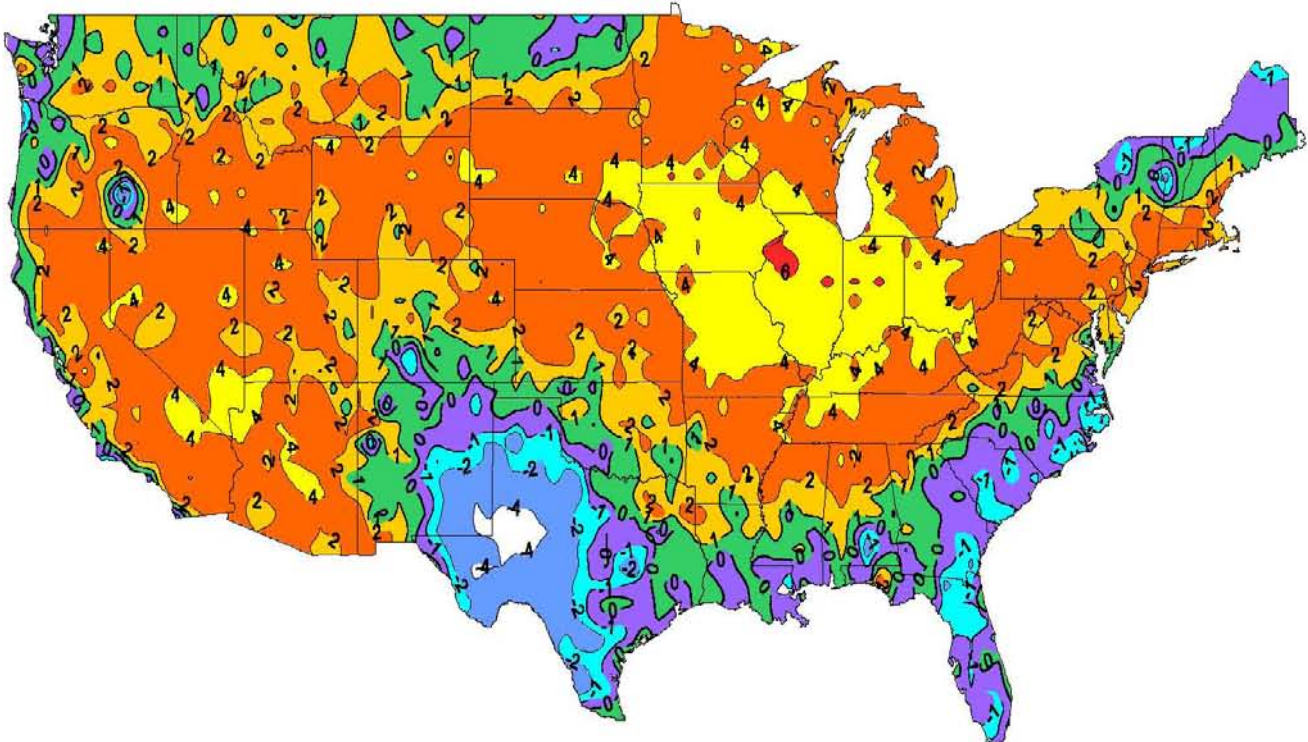


\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

Average Temperature (Degrees F)  
May 2007

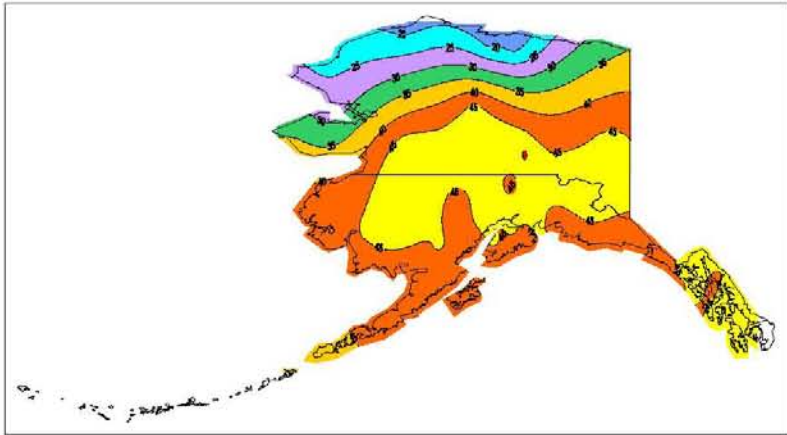


Departure of Average Temperature from Normal (Degrees F)  
May 2007

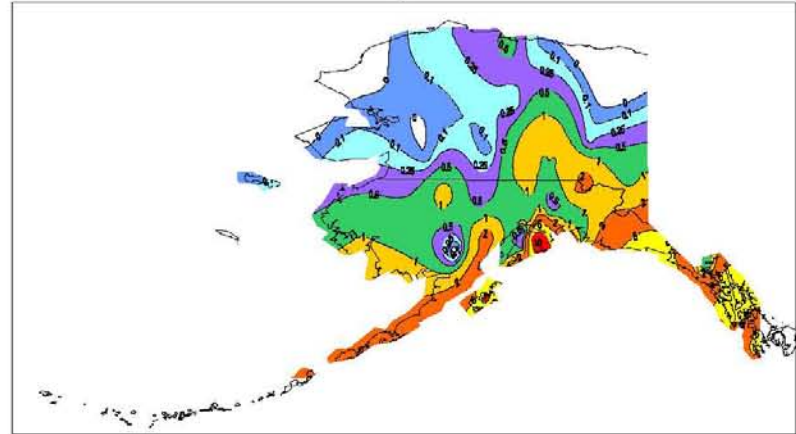


\*NOTE\* Contour maps are computer-generated and intended to show general temperature and precipitation patterns. Therefore, contours may not always account for individual datum points.

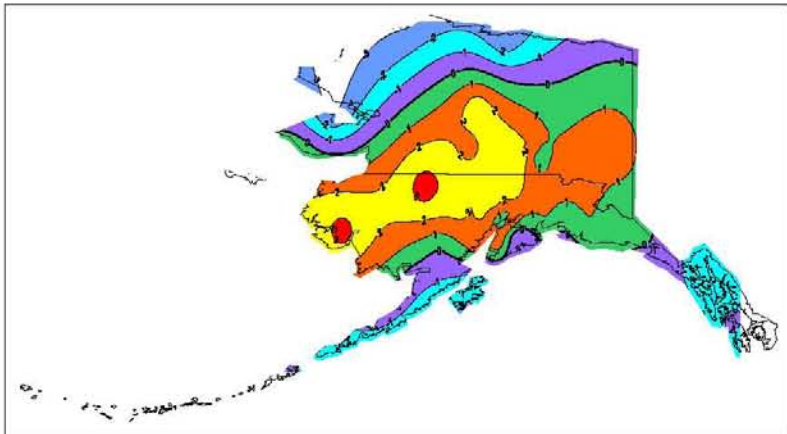
Average Temperature (Degrees F)  
May 2007



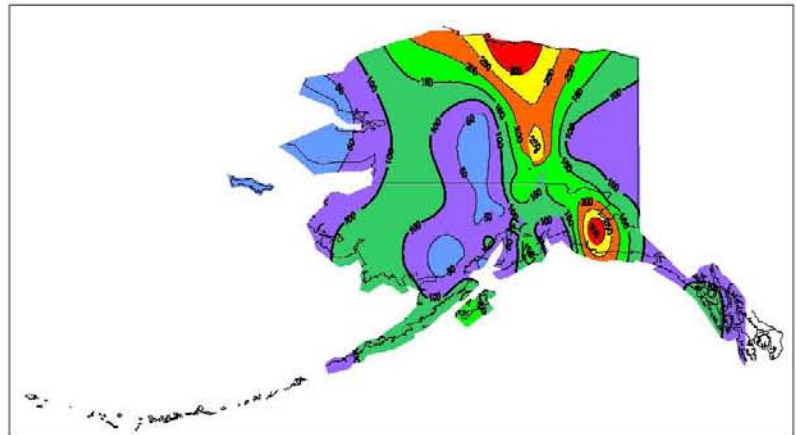
Alaska Precipitation (Inches)  
May 2007



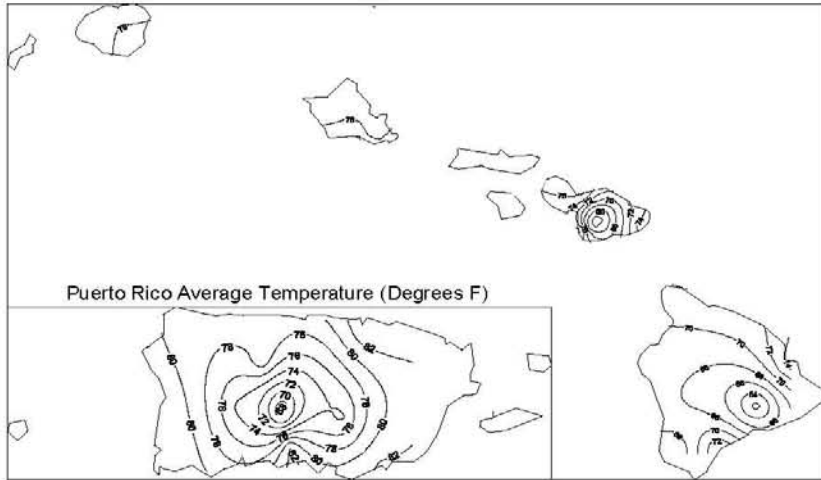
Departure of Average Temperature from Normal (Degrees F)  
May 2007



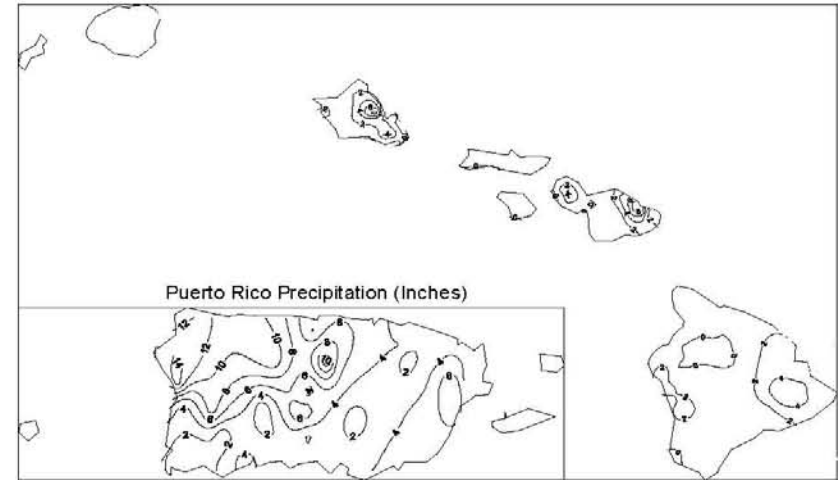
Percent of Normal Precipitation  
May 2007



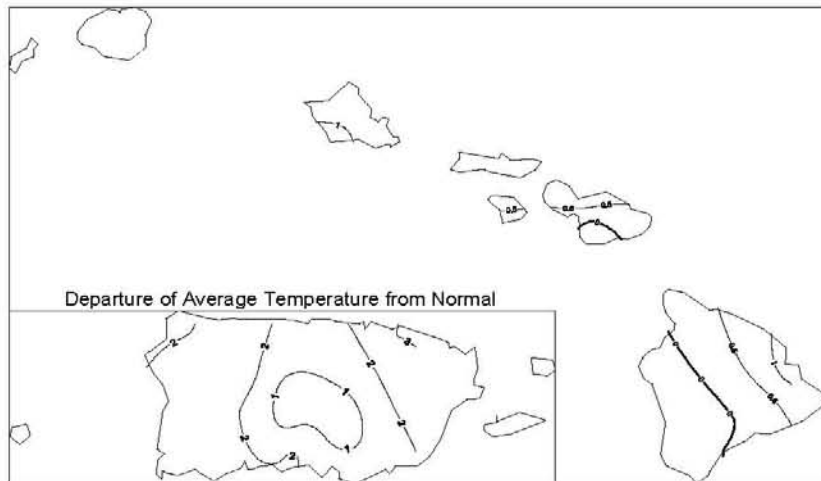
Hawaii Average Temperature (Degrees)  
May 2007



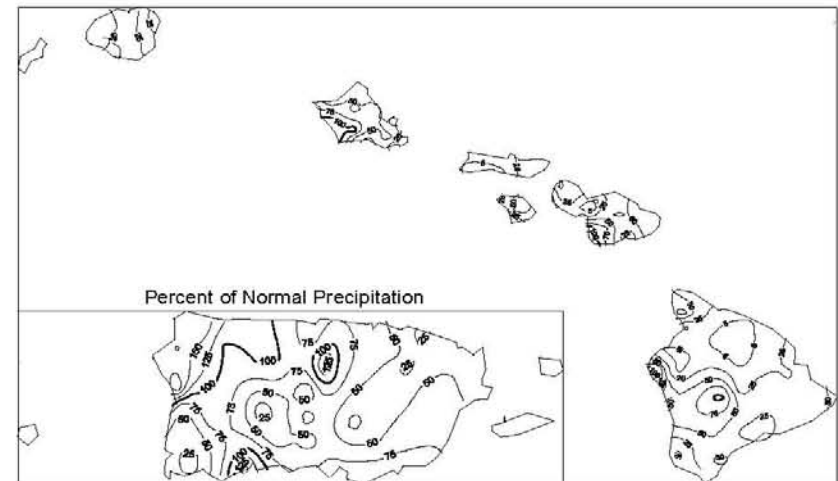
Hawaii Precipitation (Inches)  
May 2007



Departure of Average Temperature from Normal (Degrees)  
May 2007

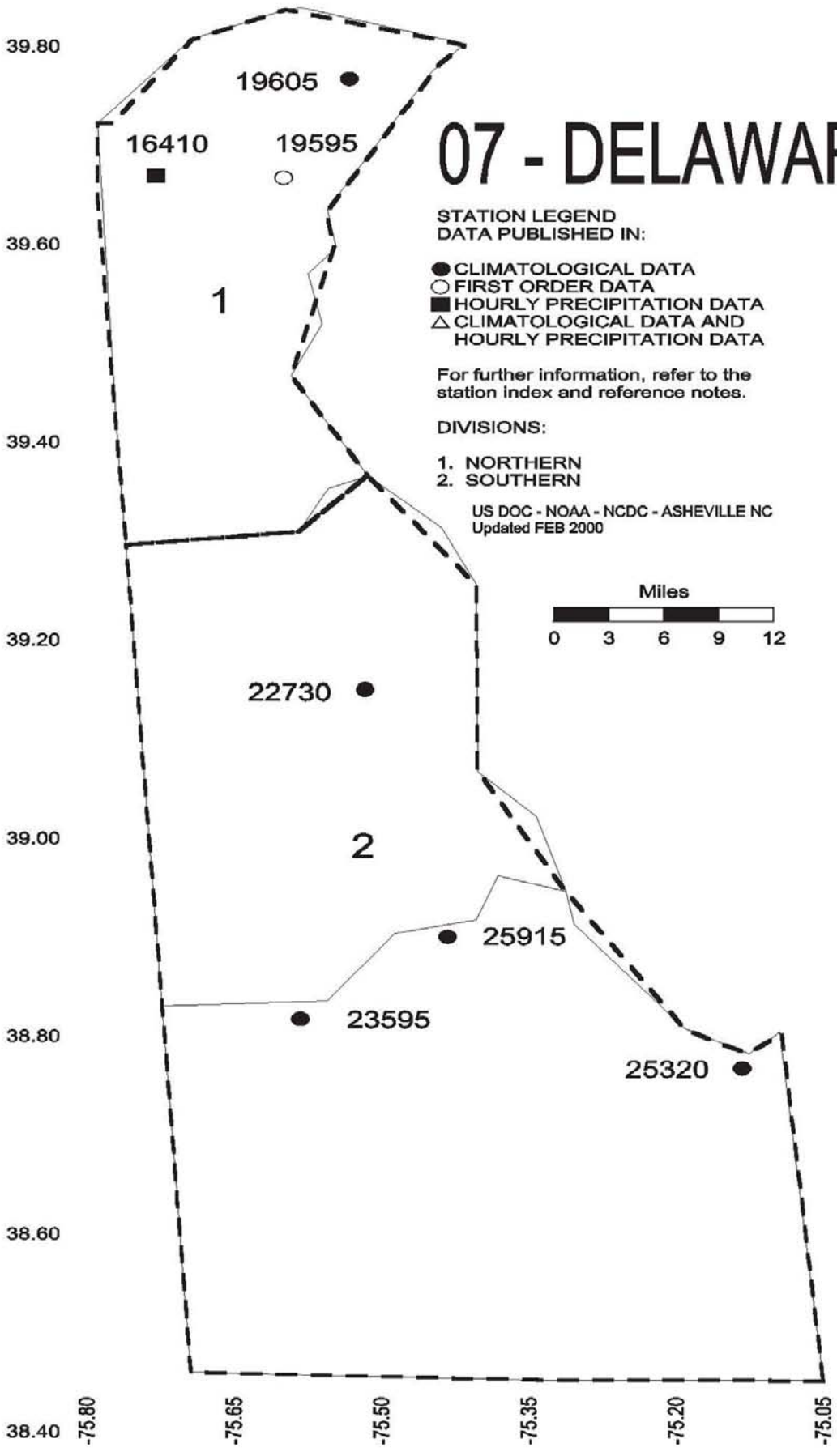


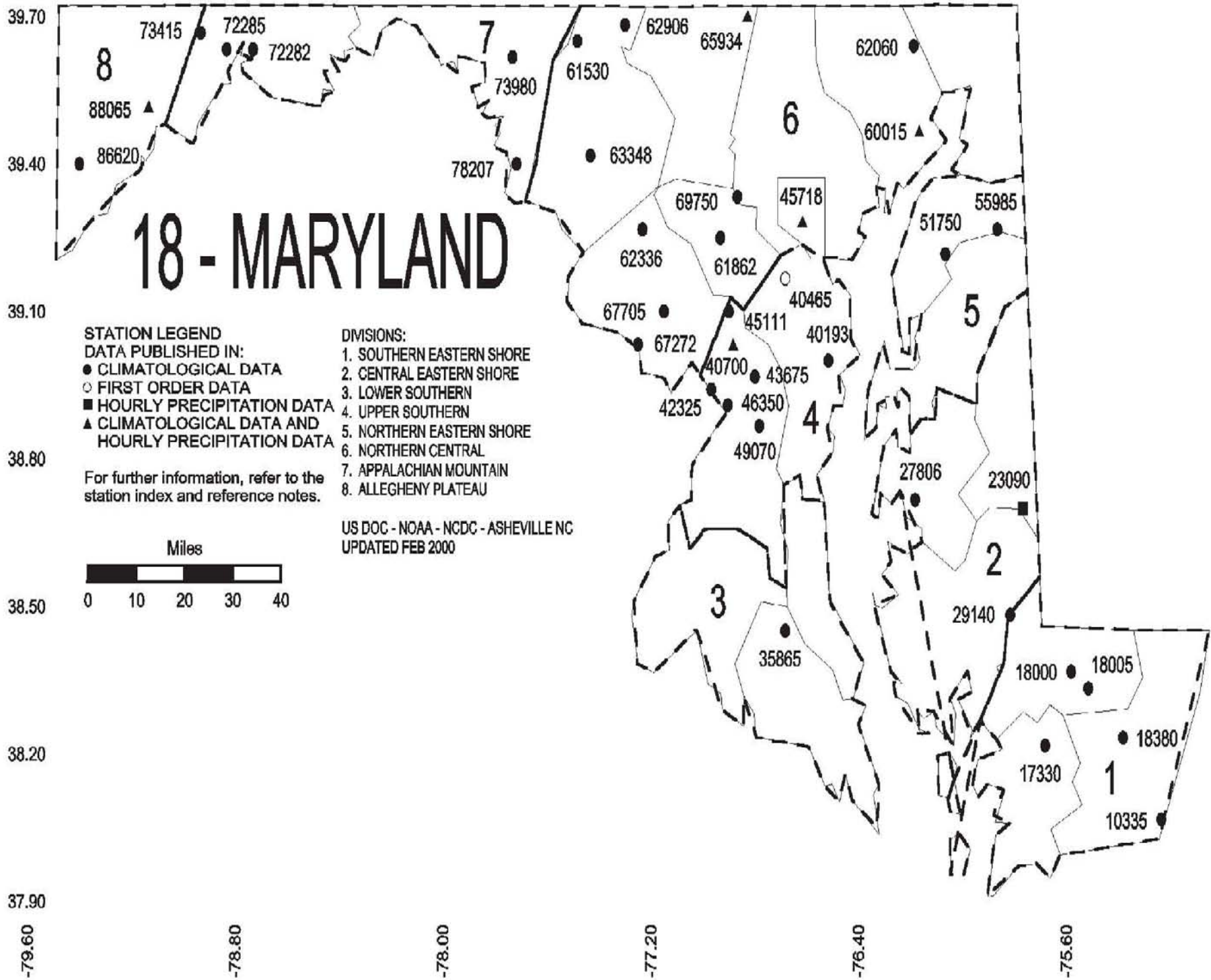
Hawaii Percent of Normal Precipitation  
May 2007





# 07 - DELAWARE





## **These and other publications are available from the National Climatic Data Center**

### **Hourly Precipitation Data**

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. HPD includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

### **Climatological Data**

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some Stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

### **Storm Data**

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

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### **Local Climatological Data**

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