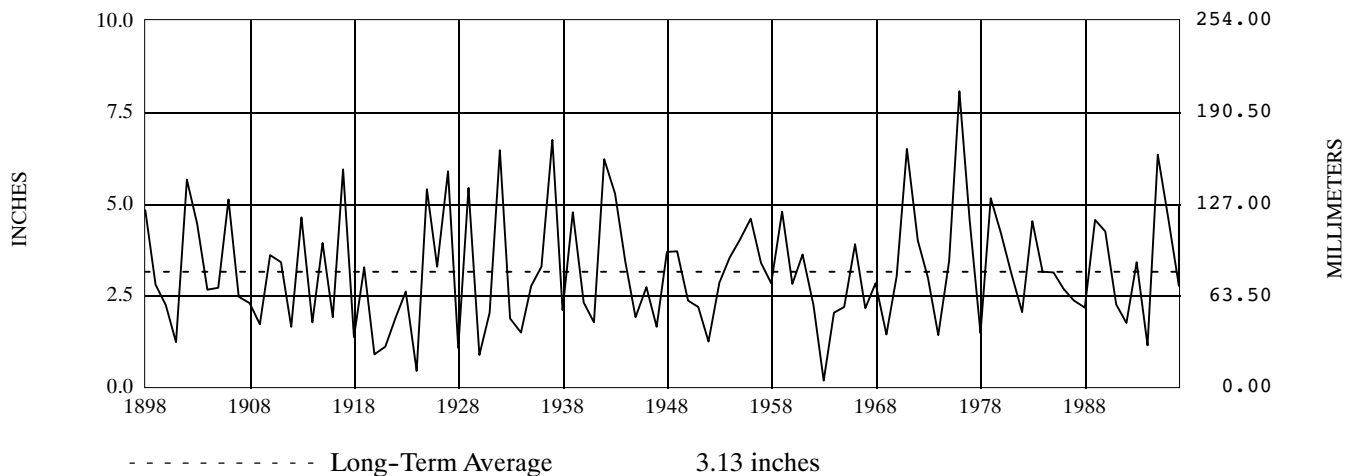


# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE OCTOBER 1997

VOLUME 101 NUMBER 10

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MARYLAND AND DELAWARE PRECIPITATION OCTOBER, 1898-1997

### TEMPERATURE AND PRECIPITATION EXTREMES

#### MARYLAND

|                              |      |            |                     |   |
|------------------------------|------|------------|---------------------|---|
| HIGHEST TEMPERATURE          | 94   | OCTOBER 6  | BALTIMORE CITY      | R |
| LOWEST TEMPERATURE           | 18   | OCTOBER 23 | OAKLAND 1 SE        |   |
| GREATEST TOTAL PRECIPITATION | 4.50 |            | ASSATEAGUE ISLAND   |   |
| LEAST TOTAL PRECIPITATION    | 1.26 |            | CUMBERLAND 2        |   |
| GREATEST 1 DAY PRECIPITATION | 2.19 | OCTOBER 18 | GLENN DALE BELL STN |   |

“I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites supervised by NOAA/National Weather Service and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.”

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## TEMPERATURE AND PRECIPITATION EXTREMES

### DELAWARE

|                              |      |            |                        |
|------------------------------|------|------------|------------------------|
| HIGHEST TEMPERATURE          | 89   | OCTOBER 6  | NEWARK UNIVERSITY FARM |
| LOWEST TEMPERATURE           | 28   | OCTOBER 23 | GREENWOOD 2 NE         |
| GREATEST TOTAL PRECIPITATION | 4.16 |            | LEWES                  |
| LEAST TOTAL PRECIPITATION    | 2.33 |            | WILMINGTON WSO ARPT R  |
| GREATEST 1 DAY PRECIPITATION | 1.60 | OCTOBER 19 | LEWES                  |

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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<br>OR<br>ABOVE | 32<br>OR<br>BELOW | 32<br>OR<br>BELOW | 0<br>OR<br>BELOW |
| <b>MARYLAND</b>           |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| SOUTHERN EASTERN SHORE 01 |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| ASSATEAGUE ISLAND         | 69.0               | 52.3               | 60.7    |                             | 90      | 6    | 32     | 29   | 194                    | 66                     | 1                 | 0                 | 1                 | 0                |
| PRINCESS ANNE             | 72.1               | 45.3               | 58.7    | .9                          | 91      | 6    | 26     | 23   | 233                    | 45                     | 2                 | 0                 | 4                 | 0                |
| SALISBURY                 | 70.2               | 48.2               | 59.2    | 1.1                         | 90      | 6    | 31     | 23   | 232                    | 62                     | 1                 | 0                 | 3                 | 0                |
| SALISBURY FAA ARPT        | 70.7               | 46.2               | 58.5    | 1.0                         | 92      | 6    | 30     | 29+  | 249                    | 55                     | 1                 | 0                 | 3                 | 0                |
| SNOW HILL 4 N             | 71.4               | 45.4               | 58.4    | .5                          | 91      | 6    | 28     | 29+  | 242                    | 43                     | 1                 | 0                 | 4                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 59.1    | .4                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| CENTRAL EASTERN SHORE 02  |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| ROYAL OAK 2 SSW           | 68.7               | 48.5               | 58.6    | -.5                         | 87      | 6    | 33     | 29   | 242                    | 50                     | 0                 | 0                 | 0                 | 0                |
| VIENNA                    | 70.3               | 48.5               | 59.4    | .4                          | 90      | 6    | 31     | 28+  | 226                    | 63                     | 1                 | 0                 | 3                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 59.0    | .2                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| LOWER SOUTHERN 03         |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| LA PLATA 1 W              | 67.4               | 48.6               | 58.0    | .4                          | 84      | 6    | 28     | 23   | 261                    | 52                     | 0                 | 0                 | 1                 | 0                |
| MECHANICSVILLE 5 NE       | 65.4               | 46.2               | 55.8    | -1.0                        | 84      | 6    | 27     | 23   | 309                    | 30                     | 0                 | 0                 | 4                 | 0                |
| OWINGS FERRY LANDING      | 68.0               | 46.0               | 57.0    | -.6                         | 88      | 6    | 28     | 23   | 281                    | 42                     | 0                 | 0                 | 3                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 56.9    | -1.0                        |         |      |        |      |                        |                        |                   |                   |                   |                  |
| UPPER SOUTHERN 04         |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| ANNAPOLIS POLICE BRKS     | 70.2               | 49.2               | 59.7    | 1.3                         | 91      | 6    | 32     | 29   | 225                    | 63                     | 1                 | 0                 | 1                 | 0                |
| BALTIMORE WSO ARPT R      | 68.3               | 44.7               | 56.5    | -.1                         | 89      | 6    | 28     | 23   | 307                    | 51                     | 0                 | 0                 | 4                 | 0                |
| BELTSVILLE                | 68.6               | 45.0               | 56.8    | 1.7                         | 88      | 7    | 27     | 23   | 291                    | 45                     | 0                 | 0                 | 3                 | 0                |
| DALECARLIA RESERVOIR      | 69.4               | 46.4               | 57.9    | .5                          | 90      | 6    | 30     | 22   | 275                    | 61                     | 1                 | 0                 | 3                 | 0                |
| GLENN DALE BELL STN       | 69.0               | 43.1               | 56.1    | -.3                         | 89      | 6    | 26     | 23   | 312                    | 40                     | 0                 | 0                 | 7                 | 0                |
| LAUREL 3 W                | 68.1               | 49.1               | 58.6    | 1.3                         | 88      | 6    | 33     | 23   | 259                    | 69                     | 0                 | 0                 | 0                 | 0                |
| NATIONAL ARBORETUM DC     | 70.1               | 44.4               | 57.3    | .2                          | 89      | 7    | 28     | 23   | 289                    | 55                     | 0                 | 0                 | 4                 | 0                |
| UPPER MARLBORO 3 NNW      | 68.2               | 44.4               | 56.3    | 1.1                         | 89      | 7    | 28     | 24   | 306                    | 43                     | 0                 | 0                 | 4                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 57.4    | .6                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| NORTHERN EASTERN SHORE 05 |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| CHESTERTOWN               | 69.2               | 44.5               | 56.9    | -.6                         | 89      | 6    | 28     | 23   | 298                    | 51                     | 0                 | 0                 | 4                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 56.9    | -.4                         |         |      |        |      |                        |                        |                   |                   |                   |                  |
| NORTHERN CENTRAL 06       |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| ABERDEEN PHILLIPS FIEL R  | 68.9M              | 46.4M              | 57.7M   | .5                          | 88      | 7+   | 28     | 23   | 280                    | 60                     | 0                 | 0                 | 3                 | 0                |
| BALTIMORE CITY            | 71.9               | 54.5               | 63.2    | 3.2                         | 94      | 6    | 39     | 28+  | 160                    | 111                    | 2                 | 0                 | 0                 | 0                |
| CATOCTIN MOUNTAIN PARK    | 63.3               | 45.5               | 54.4    |                             | 82      | 9+   | 27     | 23   | 360                    | 39                     | 0                 | 0                 | 2                 | 0                |
| CLARKSVILLE 3 NNE         | 68.7               | 39.3               | 54.0    |                             | 87      | 7+   | 21     | 23   | 353                    | 21                     | 0                 | 0                 | 8                 | 0                |
| CONOWINGO DAM             | 70.5               | 46.5               | 58.5    | 3.4                         | 90      | 7+   | 32     | 30+  | 251                    | 56                     | 2                 | 0                 | 3                 | 0                |
| DAMASCUS 2 SSW            | 64.5               | 42.7               | 53.6    |                             | 84      | 7    | 22     | 23   | 375                    | 32                     | 0                 | 0                 | 7                 | 0                |
| EMMITSBURG 2 SE           | 66.5               | 41.6               | 54.1    | -.2                         | 87      | 9    | 25     | 23   | 362                    | 28                     | 0                 | 0                 | 7                 | 0                |
| FREDERICK POLICE BRKS     | 67.2               | 47.6               | 57.4    |                             | 85      | 7+   | 31     | 29   | 282                    | 54                     | 0                 | 0                 | 1                 | 0                |
| MILLERS 4 NE              | 65.3               | 44.4               | 54.9    |                             | 84      | 7+   | 28     | 29+  | 350                    | 41                     | 0                 | 0                 | 4                 | 0                |
| ROCKVILLE 1 NE            | 64.1               | 46.7               | 55.4    | .5                          | 82      | 6    | 31     | 29   | 329                    | 38                     | 0                 | 0                 | 2                 | 0                |
| WESTMINSTER POL BRKS      | 69.7               | 44.4               | 57.1    | 2.0                         | 84      | 9+   | 27     | 23   | 277                    | 40                     | 0                 | 0                 | 4                 | 0                |
| WOODSTOCK                 | 67.5               | 43.6               | 55.6    | .2                          | 86      | 6    | 25     | 23   | 321                    | 39                     | 0                 | 0                 | 5                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 56.3    | .6                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| APPALACHIAN MOUNTAIN 07   |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| CUMBERLAND 2              | 68.1               | 40.4               | 54.3    | -.5                         | 88      | 5    | 24     | 23+  | 357                    | 34                     | 0                 | 0                 | 7                 | 0                |
| FROSTBURG 2               | 60.4               | 38.1               | 49.3    |                             | 80      | 10   | 22     | 24   | 484                    | 5                      | 0                 | 0                 | 9                 | 0                |
| HANCOCK                   | 70.2               | 37.8               | 54.0    | 1.2                         | 89      | 7+   | 23     | 23   | 361                    | 27                     | 0                 | 0                 | 11                | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 52.5    | -1.3                        |         |      |        |      |                        |                        |                   |                   |                   |                  |
| ALLEGHENY PLATEAU 08      |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| OAKLAND 1 SE              | 62.6               | 36.2               | 49.4    | -.2                         | 79      | 9+   | 18     | 23   | 479                    | 0                      | 0                 | 0                 | 13                | 0                |
| SAVAGE RIVER DAM          | 62.6               | 38.3               | 50.5    | .2                          | 80      | 10+  | 23     | 24+  | 447                    | 5                      | 0                 | 0                 | 10                | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 50.0    | .5                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| <b>DELAWARE</b>           |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| NORTHERN 01               |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| NEWARK UNIVERSITY FARM    | 69.4               | 44.7               | 57.1    | .6                          | 89      | 6    | 29     | 29   | 282                    | 43                     | 0                 | 0                 | 3                 | 0                |
| WILMINGTON WSO ARPT R     | 66.3               | 44.9               | 55.6    | -.6                         | 88      | 6    | 30     | 29   | 324                    | 40                     | 0                 | 0                 | 4                 | 0                |
| WILMINGTON PORTER RSVR    | 66.0               | 47.4               | 56.7    | 1.1                         | 86      | 6    | 32     | 29   | 297                    | 48                     | 0                 | 0                 | 1                 | 0                |
| --DIVISIONAL DATA----->   |                    |                    | 56.5    | .3                          |         |      |        |      |                        |                        |                   |                   |                   |                  |
| SOUTHERN 02               |                    |                    |         |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| DOVER                     | 67.9               | 48.5               | 58.2    | -.4                         | 86      | 7+   | 29     | 23   | 260                    | 56                     | 0                 | 0                 | 2                 | 0                |
| GEORGETOWN 5 SW M         |                    | M                  | M       |                             |         |      |        |      |                        |                        |                   |                   |                   |                  |
| GREENWOOD 2 NE            | 68.0               | 46.9               | 57.5    |                             | 88      | 6    | 28     | 23   | 271                    | 47                     | 0                 | 0                 | 3                 | 0                |
| LEWES                     | 69.5               | 51.5               | 60.5    | 2.1                         | 87      | 6    | 35     | 29   | 204                    | 73                     | 0                 | 0                 | 0                 | 0                |

MONTHLY STATION AND DIVISION SUMMARY

| STATION                      | PRECIPITATION ( IN ) |                             |                 |      |             |                         |      |             |             |              |
|------------------------------|----------------------|-----------------------------|-----------------|------|-------------|-------------------------|------|-------------|-------------|--------------|
|                              | TOTAL                | DEPARTURE<br>FROM<br>NORMAL | GREATEST<br>DAY | DATE | SLEET, SNOW |                         |      | NO. OF DAYS |             |              |
|                              |                      |                             |                 |      | TOTAL       | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| <b>MARYLAND</b>              |                      |                             |                 |      |             |                         |      |             |             |              |
| SOUTHERN EASTERN<br>SHORE 01 |                      |                             |                 |      |             |                         |      |             |             |              |
| ASSATEAGUE ISLAND            | 4.50                 |                             | 2.00            | 19   | .0          | 0                       |      | 7           | 3           | 1            |
| PRINCESS ANNE                | 4.08                 | .83                         |                 |      | .0          | 0                       |      | 3           | 2           | 0            |
| SALISBURY                    | 3.87                 | .64                         | .95             | 15   | .0          | 0                       |      | 7           | 3           | 0            |
| SALISBURY FAA ARPT           | 4.07                 | .65                         | 1.15            | 26   | .0          | 0                       |      | 8           | 3           | 1            |
| SNOW HILL 4 N                | 4.08                 | .84                         | 1.13            | 19   | .0          | 0                       |      | 7           | 3           | 1            |
| --DIVISIONAL DATA----->      | 4.12                 | .94                         |                 |      | .0          |                         |      |             |             |              |
| CENTRAL EASTERN<br>SHORE 02  |                      |                             |                 |      |             |                         |      |             |             |              |
| ROYAL OAK 2 SSW              | 2.78                 | -.37                        | .65             | 18   | .0          | 0                       |      | 6           | 3           | 0            |
| VIENNA                       | 2.20                 | -.80                        | .77             | 19   | .0          | 0                       |      | 5           | 2           | 0            |
| --DIVISIONAL DATA----->      | 2.49                 | -.58                        |                 |      | .0          |                         |      |             |             |              |
| LOWER SOUTHERN 03            |                      |                             |                 |      |             |                         |      |             |             |              |
| LA PLATA 1 W                 | 2.30                 | -.98                        | 1.08            | 18   | .0          | 0                       |      | 4           | 1           | 1            |
| MECHANICSVILLE 5 NE          | 3.10                 | -.33                        | 1.36            | 18   | .0          | 0                       |      | 6           | 2           | 1            |
| OWINGS FERRY LANDING         | 3.10                 | -.07                        | .92             | 18   | .0          | 0                       |      | 7           | 3           | 0            |
| --DIVISIONAL DATA----->      | 2.83                 | -.41                        |                 |      | .0          |                         |      |             |             |              |
| UPPER SOUTHERN 04            |                      |                             |                 |      |             |                         |      |             |             |              |
| ANNAPOLIS POLICE BRKS        | 3.50                 | .19                         | 1.94            | 18   | .0          | 0                       |      | 5           | 2           | 1            |
| BALTIMORE WSO ARPT R         | 3.43                 | .45                         | .79             | 17   | .0          | 0                       |      | 6           | 4           | 0            |
| BELTSVILLE                   | 3.48                 | .11                         | 1.41            | 18   | .0          | 0                       |      | 4           | 3           | 2            |
| DALECARLIA RESERVOIR         | 3.35                 | -.15                        | 1.35            | 18   | .0          | 0                       |      | 5           | 3           | 2            |
| GLENN DALE BELL STN          | 4.36                 | .93                         | 2.19            | 18   | .0          | 0                       |      | 2           | 1           | 1            |
| LAUREL 3 W                   | 3.30                 | -.11                        | .80             | 25+  | .0          | 0                       |      | 6           | 4           | 0            |
| NATIONAL ARBORETUM DC        | 4.04                 | .76                         | 1.75            | 18   | .0          | 0                       |      | 4           | 3           | 1            |
| UPPER MARLBORO 3 NNW         | 3.91                 | .45                         |                 |      | .0          | 0                       |      | 2           | 0           | 0            |
| --DIVISIONAL DATA----->      | 3.67                 | .36                         |                 |      | .0          |                         |      |             |             |              |
| NORTHERN EASTERN<br>SHORE 05 |                      |                             |                 |      |             |                         |      |             |             |              |
| CHESTERTOWN                  | 3.77                 | .63                         | 1.30            | 18   | .0          | 0                       |      | 5           | 4           | 1            |
| --DIVISIONAL DATA----->      | 3.77                 | .63                         |                 |      | .0          |                         |      |             |             |              |
| NORTHERN CENTRAL 06          |                      |                             |                 |      |             |                         |      |             |             |              |
| ABERDEEN PHILLIPS FIEL       | 2.96                 | -.17                        |                 |      | .0          | 0                       |      | 1           | 0           | 0            |
| BALTIMORE CITY R             |                      |                             |                 |      | M           | M                       |      |             |             |              |
| CATOCTIN MOUNTAIN PARK       | 1.95                 |                             | .57             | 25   | .0          | 0                       |      | 6           | 1           | 0            |
| CLARKSVILLE 3 NNE            | 1.78                 |                             | .71             | 25   | .0          | 0                       |      | 4           | 2           | 0            |
| CONOWINGO DAM                | 2.62                 | -.61                        | .82             | 25   | .0          | 0                       |      | 5           | 3           | 0            |
| DAMASCUS 2 SSW               | 1.93                 |                             | .65             | 24   | .0          | 0                       |      | 4           | 2           | 0            |
| EMMITSBURG 2 SE              | 1.67                 | -1.78                       | .45             | 25   | .0          | 0                       |      | 6           | 0           | 0            |
| FREDERICK POLICE BRKS        | 1.56                 |                             | .49             | 25   | .0          | 0                       |      | 5           | 0           | 0            |
| MILLERS 4 NE                 | 2.12                 |                             | .71             | 18   | .0          | 0                       |      | 5           | 2           | 0            |
| ROCKVILLE 1 NE               | 2.64                 | -.70                        | .59             | 26   | .0          | 0                       |      | 6           | 2           | 0            |
| WESTMINSTER POL BRKS         | 1.95                 | -1.30                       | 1.10            | 26   | .0          | 0                       |      | 2           | 2           | 1            |
| WOODSTOCK                    | 2.57                 | -.66                        | .85             | 18   | .0          | 0                       |      | 5           | 2           | 0            |
| --DIVISIONAL DATA----->      | 2.16                 | -1.18                       |                 |      | .0          |                         |      |             |             |              |
| APPALACHIAN<br>MOUNTAIN 07   |                      |                             |                 |      |             |                         |      |             |             |              |
| CUMBERLAND 2                 | 1.26                 | -1.51                       | .68             | 25   | .0          | 0                       |      | 2           | 1           | 0            |
| FROSTBURG 2                  | 1.56                 |                             | .73             | 25   | T           | T                       |      | 3           | 2           | 0            |
| HANCOCK                      | 2.28                 | -.88                        | 1.02            | 27   | .0          | 0                       |      | 2           | 1           | 1            |
| --DIVISIONAL DATA----->      | 1.70                 | -1.47                       |                 |      | .0          |                         |      |             |             |              |
| ALLEGHENY PLATEAU 08         |                      |                             |                 |      |             |                         |      |             |             |              |
| OAKLAND 1 SE                 | 1.59                 | -1.60                       | .48             | 25   | T           | T                       |      | 7           | 0           | 0            |
| SAVAGE RIVER DAM             | 1.53                 | -1.40                       | .61             | 25   | .0          | 0                       |      | 3           | 2           | 0            |
| --DIVISIONAL DATA----->      | 1.56                 | -1.61                       |                 |      | .0          |                         |      |             |             |              |
| <b>DELAWARE</b>              |                      |                             |                 |      |             |                         |      |             |             |              |
| NORTHERN 01                  |                      |                             |                 |      |             |                         |      |             |             |              |
| NEWARK UNIVERSITY FARM       | M 1.60               |                             | .59             | 18   | .0          | 0                       |      | 3           | 2           | 0            |
| WILMINGTON WSO ARPT R        | 2.33                 | -.55                        | .75             | 26   | M           | M                       |      | 6           | 2           | 0            |
| WILMINGTON PORTER RSVR       | 2.34                 | -.96                        | .81             | 26   | .0          | 0                       |      | 7           | 2           | 0            |
| --DIVISIONAL DATA----->      | 2.34                 | -.79                        |                 |      | .0          |                         |      |             |             |              |
| SOUTHERN 02                  |                      |                             |                 |      |             |                         |      |             |             |              |
| DOVER                        | 2.48                 | -.78                        | .65             | 25   | .0          | 0                       |      | 6           | 2           | 0            |
| GEORGETOWN 5 SW              |                      |                             |                 |      | M           | M                       |      |             |             |              |
| GREENWOOD 2 NE               | 3.26                 |                             | .89             | 19   | .0          | 0                       |      | 7           | 2           | 0            |
| LEWES                        | 4.16                 | .99                         | 1.60            | 19   | .0          | 0                       |      | 7           | 4           | 1            |

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 |  |  |  |  |
| --DIVISIONAL DATA-----> |                    |                    | 58.7    | 1.0                         |         |      |        |      |                        |                        |             |             |             |            |  |  |  |  |

MONTHLY STATION AND DIVISION SUMMARY

| STATION                 | PRECIPITATION ( IN ) |                             |                 |      |             |                         |      |             |             |              |
|-------------------------|----------------------|-----------------------------|-----------------|------|-------------|-------------------------|------|-------------|-------------|--------------|
|                         | TOTAL                | DEPARTURE<br>FROM<br>NORMAL | GREATEST<br>DAY | DATE | SLEET, SNOW |                         |      | NO. OF DAYS |             |              |
|                         |                      |                             |                 |      | TOTAL       | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| --DIVISIONAL DATA-----> | 3.30                 | .07                         |                 |      | .0          |                         |      |             |             |              |

DAILY PRECIPITATION ( INCHES )

| STATION                   | TOTAL  | 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 | 4.50   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .04 |
| ASSATEAGUE ISLAND         | 4.08   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .76 |
| PRINCESS ANNE             | 3.87   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .95 |
| SALISBURY                 | 4.07   |              |     |   |   |   |   |   |   |     |     |     |    |    | .29 | .38 |
| SALISBURY FAA ARPT        | 4.08   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .49 |
| SNOW HILL 4 N             |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| CENTRAL EASTERN SHORE 02  | 2.78   | .04          |     |   |   |   |   |   |   |     |     |     |    |    |     | .21 |
| ROYAL OAK 2 SSW           | 2.20   | T            |     |   |   |   |   |   |   |     |     |     |    |    |     | .19 |
| VIENNA                    |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| LOWER SOUTHERN 03         | 2.30   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .23 |
| LA PLATA 1 W              | 3.10   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .13 |
| MECHANICSVILLE 5 NE       | 3.10   | T            |     |   |   |   |   |   |   |     |     |     |    |    |     | .23 |
| OWINGS FERRY LANDING      |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| UPPER SOUTHERN 04         | 3.50   | .03          |     |   |   |   |   |   |   |     |     |     |    |    |     | .22 |
| ANNAPOLIS POLICE BRKS     | 3.43   |              |     |   |   |   |   |   |   |     | T   |     |    |    |     | .30 |
| BALTIMORE WSO ARPT        | 3.48   |              |     |   |   |   |   |   |   |     |     | T   |    |    |     | .30 |
| BELTSVILLE                | 3.35   |              |     |   |   |   |   |   |   |     |     | .05 |    |    |     | .12 |
| DALECARLIA RESERVOIR      | 4.36   |              |     |   |   |   |   |   |   | .01 |     |     |    |    |     | .46 |
| GLENN DALE BELL STN       | 3.30   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .28 |
| LAUREL 3 W                | 4.04   |              |     |   |   |   |   |   |   |     |     | .03 |    |    |     | .42 |
| NATIONAL ARBORETUM DC     | 3.91   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .24 |
| UPPER MARLBORO 3 NNW      |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| NORTHERN EASTERN SHORE 05 | 3.77   | T            |     |   |   |   |   |   |   |     |     |     |    |    |     | .06 |
| CHESTERTOWN               |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| NORTHERN CENTRAL 06       | 2.96   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .49 |
| ABERDEEN PHILLIPS FIEL    | M      | -            | -   | - | - | - | - | - | - | -   | -   | -   | -  | -  | -   | -   |
| BALTIMORE CITY            |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| CATOCTIN MOUNTAIN PARK    | 1.95   | .11          |     |   |   |   |   |   |   |     | .11 |     |    |    |     | .42 |
| CLARKSVILLE 3 NNE         | 1.78   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .29 |
| CONOWINGO DAM             | 2.62   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .03 |
| DAMASCUS 2 SSW            | 1.93   | T            |     |   |   |   |   |   |   |     | .04 |     |    |    |     | .37 |
| EMMITSBURG 2 SE           | 1.67   |              |     |   |   |   |   |   |   |     | .10 |     |    |    |     | .30 |
| FREDERICK POLICE BRKS     | 1.56   |              |     |   |   |   |   |   |   |     | .03 |     |    |    |     | .25 |
| MILLERS 4 NE              | 2.12   | T            |     |   |   |   |   |   |   |     | .01 |     |    |    | T   | .25 |
| POTOMAC FILTER PLANT      | 2.81   |              |     |   |   |   |   |   |   |     |     |     |    |    | .10 | .40 |
| ROCKVILLE 1 NE            | 2.64   | .01          |     |   |   |   |   |   |   |     |     |     |    |    | T   | .35 |
| WESTMINSTER POL BRKS      | 1.95   |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| WOODSTOCK                 | 2.57   | .04          |     |   |   |   |   |   |   |     | T   |     |    |    |     | .27 |
| APPALACHIAN MOUNTAIN 07   | 1.26   |              | .03 |   |   |   |   |   |   |     |     | .01 |    |    |     | .01 |
| CUMBERLAND 2              | 1.56   |              |     |   |   |   |   |   |   |     | .01 | .04 |    |    |     | .03 |
| FROSTBURG 2               | 2.28   | .02          |     |   |   |   |   |   |   |     | .14 |     |    |    | *   | .07 |
| HANCOCK                   |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| ALLEGHENY PLATEAU 08      | 1.59   | .19          |     |   |   |   |   |   |   |     | .14 |     |    |    | .03 |     |
| OAKLAND 1 SE              | 1.53   | .05          | .04 |   |   |   |   |   |   |     | T   | .03 |    |    |     | .04 |
| SAVAGE RIVER DAM          |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| <b>DELAWARE</b>           |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| NORTHERN 01               |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| NEWARK UNIVERSITY FARM    | M 1.60 |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .08 |
| WILMINGTON WSO ARPT       | 2.33   |              |     |   |   |   |   |   |   |     | T   |     |    |    | .01 | .16 |
| WILMINGTON PORTER RSVR    | 2.34   |              |     |   |   |   |   |   |   |     | T   |     |    |    |     | .18 |
| SOUTHERN 02               |        |              |     |   |   |   |   |   |   |     |     |     |    |    |     |     |
| DOVER                     | 2.48   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .28 |
| GEORGETOWN 5 SW           | M      | -            | -   | - | - | - | - | - | - | -   | -   | -   | -  | -  | -   | -   |
| GREENWOOD 2 NE            | 3.26   |              |     |   |   |   |   |   |   |     |     |     |    |    |     | .42 |
| LEWES                     | 4.16   | T            |     |   |   |   |   |   |   |     |     |     |    |    |     | .60 |



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 ISLAND         | .32          | .10 | .70  | 2.00 | .04  |     |    |    |     | .23  | .36  | .69  | .02 |    |     |     |
| PRINCESS ANNE             | .22          | .04 | *    | *    | 1.49 |     |    |    |     | *    | .95  | .62  |     |    |     |     |
| SALISBURY                 | .25          | .05 | .35  | .88  | .02  |     |    |    |     | .34  | .59  | .44  |     |    |     |     |
| SALISBURY FAA ARPT        | .24          | .20 | .39  | .65  |      |     |    |    | T   | .75  | 1.15 | .02  |     |    |     |     |
| SNOW HILL 4 N             | .21          | .05 | .72  | 1.13 | .08  |     |    |    |     | .42  | .46  | .52  |     |    |     |     |
| CENTRAL EASTERN SHORE 02  |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| ROYAL OAK 2 SSW           |              | T   | .65  | .45  |      |     |    |    |     | .56  | .51  | .36  |     |    |     |     |
| VIENNA                    | .08          |     |      | .77  |      | .04 |    |    |     | .26  | .60  | .26  |     |    |     |     |
| LOWER SOUTHERN 03         |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| LA PLATA 1 W              |              | .07 | 1.08 | .03  |      |     |    |    |     | .49  | .40  |      |     |    |     |     |
| MECHANICSVILLE 5 NE       | T            | .15 | 1.36 | .33  |      |     |    |    | T   | .46  | .58  | .09  |     |    |     |     |
| OWINGS FERRY LANDING      | T            | .36 | .92  | .16  |      |     |    |    |     | .62  | .70  | .11  |     |    |     |     |
| UPPER SOUTHERN 04         |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| ANNAPOLIS POLICE BRKS     | T            |     | 1.94 | .14  |      |     |    |    |     | .89  |      | .25  |     |    |     | .03 |
| BALTIMORE WSO ARPT R      |              | .79 | .55  | .01  |      |     |    |    | .36 | .61  | .78  | .03  |     |    |     | T   |
| BELTSVILLE                |              |     | 1.41 |      |      |     |    |    |     | 1.04 |      | .73  |     |    |     |     |
| DALECARLIA RESERVOIR      |              | .05 | 1.35 | .01  |      |     |    |    |     | 1.06 | .51  | .20  |     |    |     |     |
| GLENN DALE BELL STN       |              |     | 2.19 |      |      |     |    |    |     | *    | *    | 1.70 |     |    |     |     |
| LAUREL 3 W                |              | .62 | .80  |      |      |     |    |    | .14 | .80  | .65  | .01  |     |    |     |     |
| NATIONAL ARBORETUM DC     | .04          | T   | 1.75 | .03  | .05  |     |    |    |     | .80  | .07  | .83  |     |    | .02 |     |
| UPPER MARLBORO 3 NNW      | .11          |     | *    | *    | 2.10 |     |    |    |     | *    | *    | 1.46 |     |    |     |     |
| NORTHERN EASTERN SHORE 05 |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| CHESTERTOWN               |              | .61 | 1.30 | .14  |      |     |    |    | .07 | .94  | .58  | .07  |     |    |     |     |
| NORTHERN CENTRAL 06       |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| ABERDEEN PHILLIPS FIEL    | .01          |     | *    | *    | .82  |     |    |    |     | *    | *    | 1.64 |     |    |     |     |
| BALTIMORE CITY R          | -            | -   | -    | -    | -    | -   | -  | -  | -   | -    | -    | -    | -   | -  | -   | -   |
| CATOCTIN MOUNTAIN PARK    |              |     | .08  |      |      | T   |    |    | .08 | .57  | .35  | .23  |     |    |     |     |
| CLARKSVILLE 3 NNE         |              |     | .09  | T    |      |     |    |    | T   | .71  | .51  | .18  |     |    |     |     |
| CONOWINGO DAM             | .31          |     | .51  | .04  |      |     |    |    |     | .82  |      | .76  |     |    |     | .15 |
| DAMASCUS 2 SSW            |              | .28 |      |      |      |     |    |    | .65 | .06  | .53  |      |     |    |     |     |
| EMMITSBURG 2 SE           |              |     | .20  |      |      |     |    |    | T   | .45  | .25  | .37  |     |    |     |     |
| FREDERICK POLICE BRKS     |              |     | .30  |      |      |     |    |    | .02 | .49  | .22  | .25  |     |    |     |     |
| MILLERS 4 NE              |              | T   | .71  | T    |      |     |    |    | .08 | .55  | .34  | .18  |     |    |     |     |
| POTOMAC FILTER PLANT      |              | .36 | .44  |      | .03  |     |    |    | .15 | .61  | .67  | .01  |     |    |     | .04 |
| ROCKVILLE 1 NE            |              | .43 | .47  |      |      |     |    |    | .18 | .56  | .59  | T    |     |    |     | .05 |
| WESTMINSTER POL BRKS      |              |     | .85  |      |      |     |    |    | T   | 1.10 |      |      |     |    |     |     |
| WOODSTOCK                 |              | T   | .85  |      |      |     |    |    | .03 | .69  | .49  | .20  |     |    |     |     |
| APPALACHIAN MOUNTAIN 07   |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| CUMBERLAND 2              |              |     | .01  |      |      |     |    |    |     | .68  | .05  | .47  |     |    |     |     |
| FROSTBURG 2               |              |     | .21  | T    |      |     |    |    |     | .73  | .01  | .53  | T   |    |     |     |
| HANCOCK                   | .01          |     | .04  |      |      |     |    |    |     | *    | .98  | 1.02 |     |    |     |     |
| ALLEGHENY PLATEAU 08      |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| OAKLAND 1 SE              |              |     | .12  |      |      |     |    |    | .13 | .48  | .25  | .25  | T   |    |     |     |
| SAVAGE RIVER DAM          |              |     | .19  |      |      |     |    |    |     | .61  | .02  | .55  | T   |    |     |     |
| <b>DELAWARE</b>           |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| NORTHERN 01               |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| NEWARK UNIVERSITY FARM    | .04          |     | .59  |      |      |     |    |    |     | -    | .31  | .58  |     |    |     |     |
| WILMINGTON WSO ARPT R     |              | .08 | .40  | .12  |      |     |    |    | .22 | .51  | .75  | .08  |     |    |     |     |
| WILMINGTON PORTER RSVR    | T            | T   | .45  | .10  |      |     |    |    | .18 | .50  | .81  | .12  |     |    |     |     |
| SOUTHERN 02               |              |     |      |      |      |     |    |    |     |      |      |      |     |    |     |     |
| DOVER                     | .07          |     | .27  | .25  | .04  |     |    |    |     | .65  | .53  | .39  |     |    |     |     |
| GEORGETOWN 5 SW           | -            | -   | -    | -    | -    | -   | -  | -  | -   | -    | -    | -    | -   | -  | -   | -   |
| GREENWOOD 2 NE            | .46          |     | .29  | .89  |      |     |    |    |     | .36  | .69  | .15  |     |    |     |     |
| LEWES                     | .21          | .03 | .54  | 1.60 |      |     |    |    |     | .36  | .18  | .64  |     |    |     |     |





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  |    |
| ROCKVILLE 1 NE                           | MID      | MAX     | 65           | 62  | 69  | 78  | 81  | 82  | 81  | 81  | 80  | 79  | 68  | 69  | 74  | 76  | 61  |    |
| WESTMINSTER POL BRKS                     | 17       | MIN     | 50           | 39  | 44  | 56  | 56  | 63  | 61  | 59  | 61  | 64  | 50  | 46  | 50  | 54  | 50  |    |
|  |          | MAX     | 69           | 65  | 69  | 79  | 80  | 84  | 84  | 83  | 84  | 80  | 81  | 69  | 73  | 76  | 78  |    |
|  |          | OBS     | 50           | 33  | 39  | 51  | 55  | 64  | 60  | 56  | 55  | 63  | 47  | 42  | 46  | 57  | 55  |    |
| WOODSTOCK                                | 18       | MAX     | 68           | 66  | 72  | 81  | 84  | 86  | 85  | 80  | 84  | 83  | 80  | 72  | 74  | 79  | 68  |    |
| APPALACHIAN MOUNTAIN CUMBERLAND 2        | 17       | MIN     | 48           | 33  | 39  | 53  | 52  | 57  | 57  | 55  | 63  | 45  | 40  | 43  | 58  | 49  |     |    |
|  |          | MAX     | 64           | 68  | 73  | 85  | 88  | 87  | 86  | 83  | 86  | 83  | 79  | 75  | 79  | 72  | 65  |    |
| FROSTBURG 2                              | 07       | MIN     | 37           | 37  | 40  | 50  | 57  | 55  | 55  | 55  | 58  | 45  | 42  | 42  | 49  | 45  | 38  |    |
|  |          | MAX     | 61           | 54  | 59  | 63  | 73  | 74  | 75  | 74  | 79  | 80  | 74  | 63  | 70  | 73  | 61  |    |
|  |          | OBS     | ***          | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** | *** |    |
| HANCOCK                                  | 08       | MIN     | 52           | 31  | 31  | 38  | 48  | 53  | 49  | 49  | 54  | 55  | 42  | 33  | 42  | 48  | 40  |    |
|  |          | MAX     | 73           | 64  | 73  | 75  | 86  | 89  | 89  | 86  | 82  | 85  | 84  | 80  | 73  | 79  | 77  |    |
|  |          | OBS     | 64           | 73  | *** | 86  | *** | *** | 86  | 82  | 85  | *** | 80  | 73  | *** | 77  | 65  |    |
| ALLEGHENY PLATEAU OAKLAND 1 SE           | 17       | MIN     | 52           | 34  | 33  | 35  | 54  | 53  | 49  | 50  | 56  | 40  | 38  | 39  | 43  | 48  | 48  |    |
|  |          | MAX     | 34           | 33  | *** | 54  | *** | *** | 52  | 49  | 50  | 56  | *** | 49  | 39  | *** | 48  | 31 |
|  |          | OBS     | 53           | 63  | 68  | 73  | 78  | 77  | 77  | 79  | 79  | 74  | 72  | 75  | 77  | 73  | 58  |    |
| SAVAGE RIVER DAM                         | 08       | MIN     | 46           | 29  | 32  | 43  | 49  | 51  | 49  | 44  | 47  | 56  | 34  | 38  | 41  | 48  | 35  |    |
|  |          | MAX     | 66           | 66  | 63  | 65  | 77  | 80  | 79  | 79  | 77  | 80  | 76  | 68  | 68  | 72  | 60  |    |
|  |          | MIN     | 53           | 34  | 34  | 38  | 49  | 49  | 53  | 52  | 52  | 55  | 42  | 39  | 40  | 49  | 40  |    |
| DELAWARE NORTHERN NEWARK UNIVERSITY FARM | 17       | MAX     | 68           | 64  | 71  | 80  | 84  | 89  | 83  | 82  | 84  | 85  | 84  | 72  | 74  | 79  | 75  |    |
|  |          | MIN     | 49           | 34  | 42  | 43  | 53  | 59  | 59  | 58  | 55  | 63  | 47  | 41  | 45  | 59  | 50  |    |
|  |          | MAX     | 65           | 62  | 70  | 76  | 83  | 88  | 81  | 77  | 80  | 85  | 69  | 68  | 73  | 77  | 61  |    |
| WILMINGTON PORTER RSVR                   | MID      | MIN     | 43           | 34  | 45  | 53  | 56  | 59  | 59  | 61  | 59  | 61  | 48  | 43  | 46  | 61  | 51  |    |
|  |          | MAX     | 64           | 63  | 70  | 77  | 82  | 86  | 82  | 78  | 81  | 83  | 69  | 69  | 72  | 77  | 60  |    |
|  |          | MIN     | 45           | 37  | 46  | 56  | 59  | 63  | 62  | 59  | 59  | 66  | 49  | 47  | 51  | 60  | 50  |    |
| SOUTHERN DOVER                           | 17       | MAX     | 73           | 64  | 69  | 77  | 82  | 86  | 86  | 81  | 82  | 85  | 85  | 68  | 70  | 72  | 72  |    |
|  |          | MIN     | 54           | 38  | 45  | 55  | 60  | 64  | 64  | 59  | 61  | 66  | 52  | 45  | 52  | 61  | 51  |    |
|  |          | MAX     | 68           | 62  | 71  | 81  | 84  | 88  | 83  | 83  | 82  | 83  | 71  | 74  | 76  | 80  | 76  |    |
| GEORGETOWN 5 SW                          | 08       | MIN     | 54           | 35  | 39  | 51  | 58  | 61  | 59  | 56  | 59  | 63  | 48  | 41  | 46  | 59  | 51  |    |
|  |          | MAX     | 78           | 69  | 74  | 82  | 82  | 87  | 86  | 79  | 83  | 84  | 83  | 70  | 74  | 80  | 73  |    |
|  |          | MIN     | 61           | 49  | 50  | 56  | 63  | 64  | 62  | 59  | 60  | 67  | 60  | 46  | 51  | 64  | 55  |    |
| LEWES                                    | 17       | MAX     | 61           | 49  | 50  | 56  | 63  | 64  | 62  | 59  | 60  | 67  | 60  | 46  | 51  | 64  | 55  |    |
|  |          | MIN     | 61           | 49  | 50  | 56  | 63  | 64  | 62  | 59  | 60  | 67  | 60  | 46  | 51  | 64  | 55  |    |
|  |          | OBS     | 61           | 49  | 50  | 56  | 63  | 64  | 62  | 59  | 60  | 67  | 60  | 46  | 51  | 64  | 55  |    |

DAILY TEMPERATURES ( °F )

| STATION                           | DAY OF MONTH |    |     |    |    |    |    |    |     |    |    |    |    |    |     |    | AVERAGE |
|-----------------------------------|--------------|----|-----|----|----|----|----|----|-----|----|----|----|----|----|-----|----|---------|
|                                   | 16           | 17 | 18  | 19 | 20 | 21 | 22 | 23 | 24  | 25 | 26 | 27 | 28 | 29 | 30  | 31 |         |
| ROCKVILLE 1 NE                    | 61           | 52 | 55  | 55 | 63 | 57 | 49 | 50 | 52  | 57 | 47 | 56 | 47 | 59 | 61  | 60 | 64.1    |
| WESTMINSTER POL BRKS              | 47           | 47 | 47  | 45 | 45 | 40 | 38 | 32 | 35  | 47 | 42 | 42 | 33 | 31 | 35  | 38 | 46.7    |
|                                   | 75           | 67 | 63  | 64 | 63 | 61 | 66 | 65 | 67  | 60 | 57 | 57 | 58 | 57 | 62  | 66 | 69.7    |
| WOODSTOCK                         | 43           | 50 | 40  | 45 | 42 | 34 | 36 | 27 | 29  | 41 | 39 | 42 | 32 | 30 | 38  | 36 | 44.4    |
|                                   | 58           | 63 | 59  | 59 | 57 | 66 | 60 | 52 | 54  | 54 | 55 | 51 | 59 | 53 | 62  | 65 | 67.5    |
| APPALACHIAN MOUNTAIN CUMBERLAND 2 | 46           | 46 | 47  | 50 | 38 | 33 | 36 | 25 | 28  | 46 | 40 | 44 | 35 | 27 | 30  | 32 | 43.6    |
| FROSTBURG 2                       | 63           | 59 | 65  | 68 | 64 | 59 | 52 | 55 | 50  | 53 | 50 | 50 | 52 | 64 | 66  | 69 | 68.1    |
|                                   | 36           | 37 | 43  | 40 | 32 | 32 | 24 | 24 | 29  | 44 | 44 | 35 | 29 | 31 | 33  | 34 | 40.4    |
| HANCOCK                           | 61           | 56 | 53  | 57 | 59 | 56 | 55 | 42 | 49  | 50 | 46 | 51 | 48 | 42 | 56  | 59 | 60.4    |
|                                   | 37           | 34 | 35  | 35 | 42 | 28 | 28 | 23 | 22  | 31 | 38 | 38 | 27 | 27 | 34  | 36 | 38.1    |
| ALLEGHENY PLATEAU 08              | 65           | 61 | 64  | 68 | 66 | 67 | 65 | 52 | 55  | 57 | 58 | 54 | 64 | 52 | 67  | 66 | 70.2    |
|                                   | 61           | 64 | *** | 66 | 67 | 65 | 52 | 55 | *** | 58 | 54 | 64 | 64 | 67 | *** | 68 | 37.8    |
| OAKLAND 1 SE                      | 31           | 31 | 41  | 37 | 33 | 28 | 28 | 23 | 24  | 27 | 36 | 45 | 28 | 26 | 28  | 30 | 37.8    |
|                                   | 31           | 41 | *** | 33 | 28 | 28 | 23 | 24 | *** | 36 | 45 | 28 | 26 | 28 | *** | 42 | 62.6    |
| SAVAGE RIVER DAM                  | 56           | 53 | 57  | 61 | 59 | 51 | 49 | 46 | 52  | 52 | 47 | 58 | 43 | 54 | 62  | 64 | 62.6    |
|                                   | 27           | 29 | 32  | 35 | 39 | 24 | 28 | 18 | 24  | 40 | 41 | 36 | 25 | 26 | 28  | 28 | 36.2    |
| DELAWARE NORTHERN 01              | 62           | 58 | 51  | 57 | 62 | 62 | 62 | 44 | 48  | 46 | 51 | 55 | 46 | 46 | 55  | 59 | 62.6    |
|                                   | 33           | 33 | 35  | 39 | 39 | 30 | 30 | 23 | 23  | 30 | 30 | 42 | 32 | 29 | 29  | 32 | 38.3    |
| WILMINGTON WSO ARPT               | 69           | 64 | 62  | 60 | 67 | 66 | 56 | 54 | 62  | 57 | 51 | 63 | 54 | 60 | 65  | 67 | 69.4    |
|                                   | 50           | 43 | 46  | 50 | 37 | 35 | 38 | 30 | 30  | 48 | 44 | 45 | 38 | 29 | 33  | 33 | 44.7    |
| WILMINGTON PORTER RSVR            | 65           | 62 | 60  | 55 | 66 | 57 | 53 | 53 | 61  | 55 | 53 | 63 | 52 | 58 | 64  | 64 | 66.3    |
|                                   | 46           | 45 | 47  | 39 | 37 | 35 | 33 | 31 | 32  | 49 | 45 | 43 | 36 | 30 | 32  | 34 | 44.9    |
| DOVER                             | 64           | 63 | 60  | 55 | 65 | 57 | 53 | 52 | 60  | 53 | 53 | 62 | 50 | 58 | 63  | 66 | 66.0    |
|                                   | 48           | 44 | 46  | 45 | 42 | 39 | 38 | 34 | 36  | 49 | 44 | 43 | 39 | 32 | 42  | 40 | 47.4    |
| GEORGETOWN 5 SW                   | 59           | 58 | 58  | 56 | 64 | 64 | 55 | 52 | 61  | 57 | 57 | 62 | 59 | 60 | 64  | 67 | 67.9    |
|                                   | 51           | 50 | 48  | 51 | 40 | 40 | 43 | 29 | 35  | 49 | 46 | 50 | 40 | 31 | 35  | 39 | 48.5    |
| LEWES                             | 58           | 59 | 58  | 56 | 65 | 58 | 54 | 51 | 60  | 60 | 55 | 64 | 55 | 60 | 66  | 68 | 68.0    |
|                                   | 51           | 51 | 49  | 52 | 41 | 37 | 43 | 28 | 32  | 49 | 48 | 54 | 39 | 31 | 33  | 37 | 46.9    |
|                                   | 58           | 59 | 60  | 59 | 65 | 64 | 57 | 53 | 63  | 61 | 56 | 66 | 58 | 62 | 61  | 67 | 69.5    |
|                                   | 54           | 55 | 53  | 54 | 45 | 44 | 48 | 36 | 37  | 48 | 49 | 55 | 40 | 35 | 38  | 40 | 51.5    |

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> |       |              |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |
| UPPER SOUTHERN  | 04    |              |    |    |    |    |    |     |    |    |    |    |    |    |     |    |    |
| BELTSVILLE      |       | WIND         | 76 | 69 | 27 | *  | *  | 104 | 43 | 19 | 31 | 40 | *  | *  | 106 | 36 | 98 |
|                 |       | EVAP         | 14 | 13 | 10 | *  | *  | 48  | 22 | 15 | 16 | 11 | *  | *  | 46  | 9  | 21 |
|                 |       | MAX          | 70 | 65 | 69 | -  | -  | 82  | 84 | 85 | 81 | 83 | -  | -  | 80  | 73 | 80 |
|                 |       | MIN          | 52 | 37 | 42 | -  | -  | 42  | 60 | 60 | 58 | 58 | -  | -  | 46  | 50 | 51 |
| UPPER MARLBORO  | 3 NNW | WIND         | 64 | 24 | 12 | 12 | 17 | 15  | 4  | 1  | 5  | 16 | 7  | 13 | 1   | 18 | 43 |
|                 |       | EVAP         | 14 | 10 | 12 | 15 | 12 | 12  | 15 | 12 | 16 | 13 | 15 | 13 | 13  | 9  | 14 |
|                 |       | MAX          | 75 | 68 | 73 | 75 | 83 | 86  | 88 | 88 | 85 | 86 | 85 | 77 | 77  | 75 | 82 |
|                 |       | MIN          | 53 | 43 | 41 | 46 | 58 | 58  | 63 | 62 | 60 | 60 | 57 | 51 | 49  | 51 | 55 |

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

| 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 |                        |
| <b>MARYLAND</b>      |              |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |                        |
| UPPER SOUTHERN 04    |              |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |                        |
| BELTSVILLE           | 91           | 85 | 52 | *  | 74 | 99 | 51 | 66 | 38 | 39 | *  | 112 | 135 | 58 | 24 | 13 | 1586                   |
|                      | 9            | 15 | 5  | *  | 11 | 15 | 11 | 11 | 11 | 4  | *  | 4   | 15  | 10 | 9  | 6  | 3.61                   |
|                      | 59           | 64 | 50 | -  | 58 | 65 | 61 | 55 | 55 | 50 | -  | 58  | 58  | 53 | 57 | 63 | 66.3                   |
|                      | 47           | 48 | 47 | -  | 40 | 40 | 40 | 35 | 34 | 38 | -  | 44  | 38  | 36 | 35 | 39 | 44.7                   |
| UPPER MARLBORO 3 NNW | 65           | 34 | 31 | 39 | 36 | 27 | 24 | 21 | 20 | 38 | 26 | 22  | 77  | 32 | 4  | -  | 773B                   |
|                      | 9            | 7  | -  | -  | 3  | 16 | 13 | 10 | 9  | 18 | *  | 47  | 13  | 9  | 8  | -  | 3.95B                  |
|                      | 58           | 63 | 53 | 60 | 56 | 68 | 65 | 59 | 59 | 52 | 62 | 50  | 61  | 59 | 61 | 65 | 69.5                   |
|                      | 51           | 50 | 49 | 49 | 45 | 44 | 44 | 39 | 38 | 39 | 47 | 47  | 40  | 38 | 38 | 40 | 48.5                   |

Evaporation: Is measured in hundredths 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          |    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| APPALACHIAN       |    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| MOUNTAIN          | 07 |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| FROSTBURG 2       |    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|                   |    | SNOWFALL     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|                   |    | SN ON GND    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| ALLEGHENY PLATEAU | 08 |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| OAKLAND 1 SE      |    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|                   |    | SNOWFALL     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|                   |    | 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><br>MARYLAND<br>APPALACHIAN<br>MOUNTAIN           07<br>FROSTBURG 2<br><br>ALLEGHENY PLATEAU 08<br>OAKLAND 1 SE |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|  |              |    |    |    |    |    |    |    |    |    |    |    | T  |    |    |    |
|  |              |    |    |    |    |    |    |    |    |    |    | T  | T  |    |    |    |
|  |              |    |    |    |    |    |    |    |    |    |    | T  | T  |    |    |    |

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) |                          |
| <b>MARYLAND</b>        |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| ABERDEEN PHILLIPS FIEL | 0015      | 06       | HARFORD      | 39 28    | 76 10W    | 57                     | 16                                | 16     |      | C H                    | PHILLIPS ARMY AIRFIELD   |
| ANNAPOLIS POLICE BRKS  | 0193      | 04       | ANNE ARUNDEL | 38 59    | 76 30W    | 25                     | 17                                | 17     |      | H                      | ANNAPOLIS POLICE BRKS    |
| ASSATEAGUE ISLAND      | 0335      | 01       | WORCESTER    | 38 4     | 75 13W    | 10                     | 07                                | 07     |      | H                      | NATIONAL PARK SERVICE    |
| BALTIMORE WSO ARPT     | 0465      | 04       | ANNE ARUNDEL | 39 11    | 76 40W    | 148                    | MID                               | MID    |      | C HJ                   | NATL WEATHER SERVICE     |
| BALTIMORE CITY # R     | 0470      | 06       | BALTIMORE (C | 39 17    | 76 37W    | 14                     | MID                               | MID    |      | C H                    | NATIONAL WEATHER SERVICE |
| BELTSVILLE             | 0700      | 04       | PRINCE GEORG | 39 2     | 76 53W    | 145                    | 08                                | 08     | 08   | C H                    | AGRI RESEARCH CTR EAST   |
| BENSON POLICE BARRACKS | 0732      | 06       | HARFORD      | 39 30    | 76 23W    | 365                    | 17                                | 17     |      | H                      | INACTIVE 03/01/95        |
| CATOCTIN MOUNTAIN PARK | 1530      | 06       | FREDERICK    | 39 39    | 77 29W    | 1610                   | 17                                | 17     |      | H                      | CATOCTIN MOUNTAIN PARK   |
| CHESTERTOWN            | 1750      | 05       | KENT         | 39 13    | 76 4W     | 40                     | 23                                | 23     |      | H                      | THOMAS W ELIASON JR      |
| CLARKSVILLE 3 NNE      | 1862      | 06       | HOWARD       | 39 15    | 76 56W    | 370                    | 17                                | 17     |      | H                      | CMREC - CLARKSVILLE      |
| COLLEGE PARK           | 1995      | 04       | PRINCE GEORG | 38 59    | 76 57W    | 90                     | 09                                | 09     |      | C H                    | INACTIVE 04/01/96        |
| CONOWINGO DAM          | 2060      | 06       | HARFORD      | 39 39    | 76 10W    | 40                     | MID                               | MID    |      | H                      | SUSQUEHANNA ELECTRIC CO  |
| CUMBERLAND 2           | 2282      | 07       | ALLEGANY     | 39 38    | 78 45W    | 730                    | 17                                | 07     |      | H                      | TIMOTHY B THOMAS         |
| DALECARLIA RESERVOIR   | 2325      | 04       | DISTRICT OF  | 38 56    | 77 7W     | 150                    | 17                                | 17     |      | H                      | U S CORPS OF ENGINEERS   |
| DAMASCUS 2 SW          | 2335      | 06       | MONTGOMERY   | 39 16    | 77 14W    | 722                    | 19                                | 19     |      | H                      | INACTIVE 01/01/92        |
| DAMASCUS 2 SSW         | 2336      | 06       | MONTGOMERY   | 39 16    | 77 14W    | 670                    | 22                                | 22     |      | H                      | ROBERT J LEFFLER         |
| EMMITSBURG 2 SE        | 2906      | 06       | FREDERICK    | 39 41    | 77 18W    | 416                    | 17                                | 17     |      | H                      | LUCILLE K BEALE          |
| FREDERICK POLICE BRKS  | 3348      | 06       | FREDERICK    | 39 25    | 77 26W    | 380                    | 17                                | 17     |      | H                      | MARYLAND STATE POLICE    |
| FROSTBURG 2            | 3415      | 07       | ALLEGANY     | 39 40    | 78 56W    | 2168                   | 07                                | 07     |      | H                      | KENNETH L CLOSE          |
| GLENN DALE BELL STN    | 3675      | 04       | PRINCE GEORG | 38 58    | 76 48W    | 150                    | 16                                | 16     |      | H                      | USDA PLANT INTRODUCT STN |
| HAGERSTOWN             | 3975      | 07       | WASHINGTON   | 39 39    | 77 44W    | 660                    | 08                                | 08     |      | H                      | INACTIVE 11/01/93        |
| HANCOCK                | 4030      | 07       | WASHINGTON   | 39 42    | 78 11W    | 384                    | 08                                | 08     |      | H                      | NATIONAL WEATHER SERVICE |
| LA PLATA 1 W           | 5080      | 03       | CHARLES      | 38 32    | 77 0W     | 140                    | 18                                | 18     |      | H                      | BONNIE L RAFER           |
| LAUREL 3 W             | 5111      | 04       | PRINCE GEORG | 39 6     | 76 54W    | 400                    | MID                               | MID    |      | H                      | WA SUBURBAN SANITARY COM |
| MECHANICSVILLE 5 NE    | 5865      | 03       | ST. MARY'S   | 38 27    | 76 41W    | 100                    | 19                                | 19     |      | H                      | SANDRA J HASTINGS        |
| MILLERS 4 NE           | 5934      | 06       | CARROLL      | 39 43    | 76 48W    | 860                    | 18                                | 18     |      | C H                    | BOBBY MILLER             |
| MILLINGTON 1 SE        | 5985      | 05       | KENT         | 39 16    | 75 52W    | 30                     | 18                                | 18     |      | H                      | INACTIVE 08/21/97        |
| NATIONAL ARBORETUM DC  | 6350      | 04       | DISTRICT OF  | 38 54    | 76 59W    | 50                     | 07                                | 07     |      | H                      | US NATIONAL ARBORETUM    |
| OAKLAND 1 SE           | 6620      | 08       | GARRETT      | 39 24    | 79 24W    | 2419                   | 17                                | 17     |      | H                      | BEA J CROSCO             |
| OWINGS FERRY LANDING   | 6770      | 03       | CALVERT      | 38 41    | 76 40W    | 160                    | 17                                | 17     |      | H                      | JAMES C RASMUSSEN        |
| 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 6W     | 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 ARPT #   | 8005      | 01       | WICOMICO     | 38 20    | 75 31W    | 50                     | MID                               | MID    |      | H                      | FAA                      |
| SAVAGE RIVER DAM       | 8065      | 08       | GARRETT      | 39 31    | 79 8W     | 1495                   | 08                                | 08     | 08   | C H                    | US CORPS OF ENGINEERS    |
| SNOW HILL 4 N          | 8380      | 01       | WORCESTER    | 38 14    | 75 23W    | 30                     | 17                                | 17     |      | H                      | CURTIS E SHOCKLEY        |
| TOWSON                 | 8877      | 06       | BALTIMORE    | 39 23    | 76 34W    | 390                    | 18                                | 18     |      | H                      | INACTIVE 08/01/96        |
| UNIONVILLE             | 9030      | 06       | FREDERICK    | 39 27    | 77 11W    | 430                    | 17                                | 17     |      | C H                    | INACTIVE 12/01/96        |
| 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 50W    | 10                     | 18                                | 18     |      | H                      | DELMARVA POWER & LIGHT   |
| WESTMINSTER POL BRKS   | 9440      | 06       | CARROLL      | 39 33    | 76 58W    | 765                    | 17                                | 17     |      | H                      | MARYLAND STATE POLICE    |
| WOODSTOCK              | 9750      | 06       | BALTIMORE    | 39 20    | 76 52W    | 460                    | 18                                | 18     |      | H                      | JOHN A HILTZ             |
| <b>DELAWARE</b>        |           |          |              |          |           |                        |                                   |        |      |                        |                          |
| DOVER                  | 2730      | 02       | KENT         | 39 9     | 75 31W    | 30                     | 17                                | 17     |      | H                      | STATE HIGHWAY DEPT       |
| GEORGETOWN 5 SW        | 3570      | 02       | SUSSEX       | 38 38    | 75 27W    | 45                     | 08                                | 08     | 08   | C H                    | UNIV OF DEL SUBSTATION   |
| GREENWOOD 2 NE         | 3595      | 02       | SUSSEX       | 38 50    | 75 35W    | 45                     | 18                                | 18     |      | H                      | DANIEL M SWARTZENTRUBER  |
| LEWES                  | 5320      | 02       | SUSSEX       | 38 46    | 75 8W     | 15                     | 17                                | 17     |      | H                      | BOARD OF PUBLIC WORKS    |
| NEWARK UNIVERSITY FARM | 6410      | 01       | NEW CASTLE   | 39 40    | 75 44W    | 90                     | 17                                | 17     | 17   | C H                    | UNIV OF DEL AGRIC FARM   |
| WILMINGTON WSO ARPT R  | 9595      | 01       | NEW CASTLE   | 39 40    | 75 36W    | 74                     | MID                               | MID    |      | C HJ                   | NATIONAL WEATHER SERVICE |
| WILMINGTON PORTER RSVR | 9605      | 01       | NEW CASTLE   | 39 46    | 75 32W    | 270                    | MID                               | MID    |      | H                      | PUBLIC WORKS             |

## 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 1993, the averaging period is 1961 to 1990. 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.

**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.

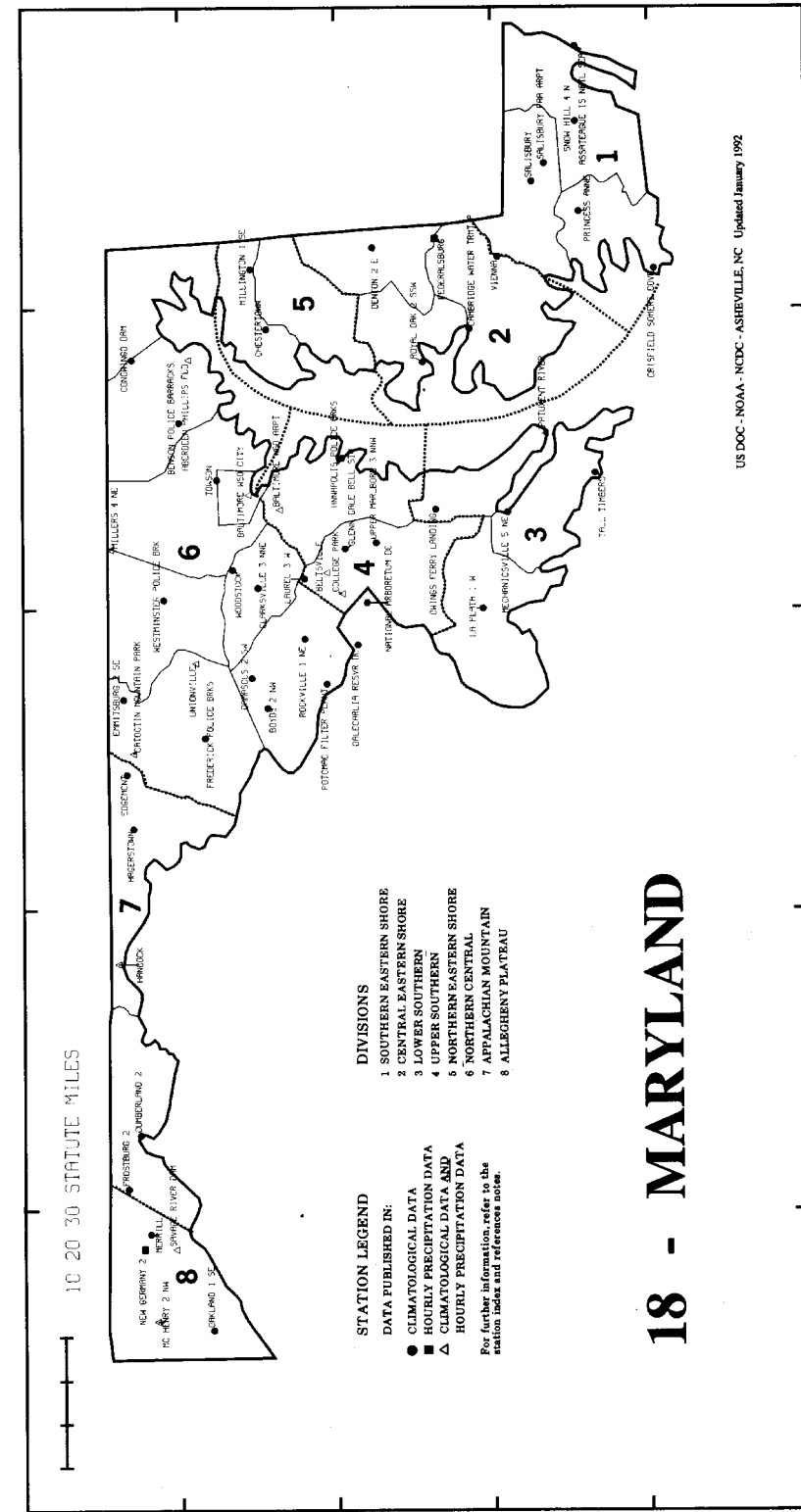
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10 20 30 STATUTE MILES

- STATION LEGEND**
- DATA PUBLISHED IN:**
- CLIMATOLOGICAL DATA
  - HOURLY PRECIPITATION DATA
  - ▲ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
- For further information, refer to the station index and references note.
- DIVISIONS**
- 1 SOUTHERN EASTERN SHORE
  - 2 CENTRAL EASTERN SHORE
  - 3 LOWER SOUTHERN
  - 4 UPPER SOUTHERN
  - 5 NORTHERN EASTERN SHORE
  - 6 NORTHERN CENTRAL
  - 7 APPALACHIAN MOUNTAIN
  - 8 ALLEGHENY PLATEAU

# 18 - MARYLAND

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40.0

39.0

36.0

-80.0

-77.0

-76.0

40.0

40.0

10 20 30 STATUTE MILES

# 07 - DELAWARE

1

### STATION LEGEND

DATA PUBLISHED IN:

- CLIMATOLOGICAL DATA
- HOURLY PRECIPITATION DATA
- △ CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA

For further information, refer to the station index and references notes.

### DIVISIONS

- 1 NORTHERN
- 2 SOUTHERN

WILMINGTON PORTER RSVR

HEMLOCK UNIVERSITY FARM

WILMINGTON HSD BRCT

DOWR

2

MILFORD 4 SE

GREENWOOD 2 NE

LEWES

GEORGETOWN 5 SH

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39.0

39.0

38.0  
-76.0

-75.5

-75.0

38.0

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