

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

NOVEMBER 1984

VOLUME 88      NUMBER 11



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# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

MARYLAND  
HIGHEST TEMPERATURE 77  
LOWEST TEMPERATURE -3  
GREATEST TOTAL PRECIPITATION 5.37  
LEAST TOTAL PRECIPITATION 2.57  
GREATEST 1 DAY PRECIPITATION 2.75  
GREATEST TOTAL SNOWFALL 14.5  
GREATEST DEPTH OF SNOW OR ICE 9

DELAWARE  
HIGHEST TEMPERATURE 77  
LOWEST TEMPERATURE 16  
GREATEST TOTAL PRECIPITATION 3.04  
LEAST TOTAL PRECIPITATION 1.63  
GREATEST 1 DAY PRECIPITATION 1.41

NOVEMBER 11  
NOVEMBER 22

NOVEMBER 28  
NOVEMBER 19

NOVEMBER 10  
NOVEMBER 23

NOVEMBER 19

CAMBRIDGE WTR TRMT PL  
OAKLAND 1 SE  
LAUREL 3 W  
SNOW HILL 4 N  
PARKTON 2 SW  
MC HENRY 2 NW  
MC HENRY 2 NW

LEWES  
GEORGETOWN 5 SW  
LEWES  
WILMINGTON WSO AP R  
GEORGETOWN 5 SW

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                          | TEMPERATURE (°F)   |                    |         |                          |                 |                |                        |                        |             |             |             | PRECIPITATION (IN) |       |                          |                      |                         |                         |      |             |
|----------------------------------|--------------------|--------------------|---------|--------------------------|-----------------|----------------|------------------------|------------------------|-------------|-------------|-------------|--------------------|-------|--------------------------|----------------------|-------------------------|-------------------------|------|-------------|
|                                  | AVERAGE<br>MAXIMUM | AVERAGE<br>MINIMUM | AVERAGE | DEPARTURE<br>FROM NORMAL | HIGHEST<br>DATE | LOWEST<br>DATE | HEATING<br>DEGREE DAYS | COOLING<br>DEGREE DAYS | NO. OF DAYS |             |             |                    | TOTAL | DEPARTURE<br>FROM NORMAL | GREATEST DAY<br>DATE | SNOW, SLEET NO. OF DAYS |                         |      |             |
|                                  |                    |                    |         |                          |                 |                |                        |                        | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW         |       |                          |                      | TOTAL                   | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE |
| <b>MARYLAND</b>                  |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>SOUTHERN EASTERN SHORE 01</b> |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| ASSATEAGUE STATE PARK            | 59.0               | 39.2               | 49.7    |                          | 75.2            | 19.23          | 456                    | 4                      | 0           | 0           | 0           | 2.99               |       | 1.34                     | 19                   | .0                      | 0                       | 4    | 1           |
| PRINCESS ANNE                    | 59.0               | 35.3               | 47.1    |                          | 75.2            | 19.24          | 529                    | 0                      | 0           | 0           | 0           | 2.69               | -.55  | 1.29                     | 19                   | .0                      | 0                       | 5    | 2           |
| SALISBURY                        | 59.0               | 37.7               | 47.5    |                          | 75.2            | 20.03          | 520                    | 0                      | 0           | 0           | 0           | 2.87               | -.24  | 1.53                     | 19                   | .0                      | 0                       | 4    | 1           |
| SALISBURY FAA AP                 | 59.0               | 34.9               | 46.2    |                          | 75.2            | 21.03          | 557                    | 0                      | 0           | 0           | 0           | 2.87               | -.19  | 1.96                     | 19                   | .0                      | 0                       | 4    | 0           |
| SNOW HILL 4 N                    | 59.0               | 35.3               | 47.1    |                          | 75.2            | 20.23          | 526                    | 0                      | 0           | 0           | 0           | 2.57               | -.81  | 1.16                     | 19                   | .0                      | 0                       | 5    | 1           |
| --DIVISIONAL DATA-->             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>CENTRAL EASTERN SHORE 02</b>  |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| CAMBRIDGE WTR TRMT PL            | 58.0               | 37.6               | 47.8    | -.6                      | 77.11           | 20.23          | 510                    | 0                      | 0           | 0           | 11          | 3.31               | -.41  | 1.34                     | 19                   | .0                      | 0                       | 4    | 2           |
| DENTON 2 E                       | 57.7               | 33.7               | 45.7    | -1.9                     | 73.1            | 18.23          | 572                    | 0                      | 0           | 0           | 15          | 3.03               | -.50  | 1.05                     | 29                   | .0                      | 0                       | 4    | 2           |
| ROYAL OAK 2 SSW                  | 57.0               | 38.0               | 47.5    | -1.4                     | 73.1            | 23.23          | 518                    | 0                      | 0           | 0           | 15          | 3.30               | -.43  | 1.19                     | 19                   | .0                      | 0                       | 4    | 2           |
| VIENNA                           | 57.8               | 36.6               | 47.2    | -1.8                     | 73.1            | 21.24          | 527                    | 0                      | 0           | 0           | 14          | 3.23               | -.09  | 1.50                     | 19                   | .0                      | 0                       | 4    | 2           |
| --DIVISIONAL DATA-->             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>LOWER SOUTHERN 03</b>         |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| LA PLATA 1 W                     | 59.9               | 35.8               | 45.9    | -1.4                     | 68.28           | 19.23          | 566                    | 0                      | 0           | 0           | 14          | 2.96               | -.24  | 1.14                     | 19                   | .0                      | 0                       | 5    | 1           |
| MECHANICSVILLE 5 NE              | 59.1               | 34.7               | 45.4    |                          | 69.10+          | 18.23          | 581                    | 0                      | 0           | 0           | 15          | 3.11               |       | 1.26                     | 19                   | .0                      | 0                       | 4    | 2           |
| OWINGS FERRY LANDING             | 57.4               | 35.0               | 46.2    | -1.7                     | 69.28+          | 19.23          | 556                    | 0                      | 0           | 0           | 15          | 3.06               | -.27  | 1.24                     | 29                   | .0                      | 0                       | 4    | 2           |
| PATUXENT RIVER                   | 56.1               | 37.8               | 47.0    |                          | 70.1            | 23.23          | 536                    | 0                      | 0           | 0           | 11          | 3.65               |       | 1.31                     | 28                   | .0                      | 0                       | 6    | 2           |
| --DIVISIONAL DATA-->             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>UPPER SOUTHERN 04</b>         |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| ANNAPOLIS POLICE BRKS            | 56.1               | 36.8               | 46.5    |                          | 68.1            | 23.21          | 548                    | 0                      | 0           | 0           | 11          | 3.02               |       | 1.50                     | 29                   | .0                      | 0                       | 4    | 3           |
| BALTIMORE WSO AP                 | 54.4               | 33.4               | 43.9    | -2.4                     | 68.10           | 20.23+         | 625                    | 0                      | 0           | 0           | 17          | 3.01               | -.10  | 1.49                     | 28                   | .0                      | 0                       | 6    | 2           |
| BELTSVILLE                       | 54.4               | 32.4               | 44.0    | -1.0                     | 72.1            | 17.23          | 625                    | 0                      | 0           | 0           | 16          | 4.08               | 1.11  | 1.73                     | 29                   | .0                      | 0                       | 5    | 3           |
| COLLEGE PARK                     | 54.4               | 35.0               | 45.7    | -1.2                     | 73.1            | 20.23+         | 571                    | 0                      | 0           | 0           | 14          | 4.14               | 1.04  | 1.83                     | 29                   | .0                      | 0                       | 4    | 3           |
| DALECARLIA RESVR D C             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| GLENN DALE BELL STN              | 58.0               | 32.1               | 45.1    | -1.2                     | 70.28+          | 12.21          | 592                    | 0                      | 0           | 0           | 16          | 3.63               | .29   | 1.68                     | 29                   | .0                      | 0                       | 4    | 3           |
| LAUREL 3 W                       | 56.7               | 35.2               | 45.5    | -2.0                     | 69.28+          | 21.21          | 577                    | 0                      | 0           | 0           | 8           | 5.37               | 1.97  | 2.40                     | 28                   | .0                      | 0                       | 5    | 4           |
| NATIONAL ARBORETUM D C           | 56.4               | 31.2               | 43.8    | -4.3                     | 70.29           | 19.24+         | 628                    | 0                      | 0           | 0           | 17          | 3.75               | -.67  | 1.67                     | 29                   | .0                      | 0                       | 5    | 3           |
| UPPER MARLBORO 3 NNW             | 56.6               | 30.9               | 43.8    |                          | 73.1            | 16.23          | 632                    | 0                      | 0           | 0           | 18          | 3.00               | -.16  | 1.62                     | 29                   | .0                      | 0                       | 5    | 2           |
| --DIVISIONAL DATA-->             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>NORTHERN EASTERN SHORE 05</b> |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| CENTREVILLE                      | 60.0               | 34.7               | 47.4    |                          | 70.28+          | 19.22          | 523                    | 0                      | 0           | 0           | 14          | 2.77               |       | 1.30                     | 29                   | .0                      | 0                       | 4    | 2           |
| CHESTERTOWN                      | 55.0               | 35.1               | 45.1    | -1.9                     | 70.28           | 22.23+         | 592                    | 0                      | 0           | 0           | 15          | 2.75               | -.71  | 1.12                     | 28                   | .0                      | 0                       | 6    | 2           |
| --DIVISIONAL DATA-->             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| <b>NORTHERN CENTRAL 06</b>       |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |                         |                         |      |             |
| ABERDEEN PHILLIPS FLD            |                    |                    |         |                          | 73.1            | 20.23          |                        | 0                      | 0           | 0           | 8           | 3.15               |       | 1.55                     | 29                   | .0                      | 0                       | 1    | 1           |
| BALTIMORE WSO CI                 | 55.6               | 36.6               | 46.1    | -3.1                     | 69.10           | 24.20          | 555                    | 0                      | 0           | 0           | 7           | 3.54               |       | 1.75                     | 28                   | .0                      | 0                       | 7    | 2           |
| BENSON POLICE BARRACKS           | 56.0               | 30.3               | 43.2    | -2.1                     | 68.28           | 16.23          | 649                    | 0                      | 0           | 0           | 20          | 4.95               | 1.06  | 2.26                     | 5                    | .0                      | 0                       | 5    | 2           |
| BOYDS 2 NW                       | 53.6               | 35.4               | 44.5    |                          | 67.1            | 20.23          | 607                    | 0                      | 0           | 0           | 11          | 2.90               |       | 1.42                     | 29                   | .0                      | 0                       | 4    | 2           |
| CATOCTIN MOUNTAIN PARK           | 48.5               | 32.7               | 40.6    |                          | 60.27+          | 18.22+         | 725                    | 0                      | 0           | 0           | 116         | 3.46               |       | 1.15                     | 29                   | 3.1                     | 21+                     | 6    | 3           |
| CLARKSVILLE 3 NNE                | 55.7               | 30.6               | 43.2    |                          | 68.10+          | 14.23          | 649                    | 0                      | 0           | 0           | 18          | 3.36               |       | 2.07                     | 29                   | .0                      | 0                       | 4    | 2           |
| CONOWINGO DAM                    | 53.5               | 33.4               | 43.5    | -.6                      | 67.28           | 20.23          | 641                    | 0                      | 0           | 0           | 17          | 5.04               | 1.56  | 2.35                     | 5                    | .0                      | 0                       | 4    | 2           |
| DAMASCUS 2 SW                    | 52.2               | 34.7               | 43.5    |                          | 65.28+          | 21.21          | 640                    | 0                      | 0           | 0           | 11          | 3.50               |       | 1.22                     | 29                   | .0                      | 0                       | 5    | 3           |
| EMMITSBURG 2 SE                  | 53.2               | 28.7               | 41.0    |                          | 66.28+          | 12.23          | 714                    | 0                      | 0           | 0           | 20          | 3.02               |       | 1.15                     | 29                   | 2.0                     | 0                       | 5    | 3           |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                 | TEMPERATURE (°F)   |                    |         |                          |                 |                |                        |                        |             |             |             | PRECIPITATION (IN) |       |                          |                      |             |                         |      |             |             |              |
|-------------------------|--------------------|--------------------|---------|--------------------------|-----------------|----------------|------------------------|------------------------|-------------|-------------|-------------|--------------------|-------|--------------------------|----------------------|-------------|-------------------------|------|-------------|-------------|--------------|
|                         | AVERAGE<br>MAXIMUM | AVERAGE<br>MINIMUM | AVERAGE | DEPARTURE<br>FROM NORMAL | HIGHEST<br>DATE | LOWEST<br>DATE | HEATING<br>DEGREE DAYS | COOLING<br>DEGREE DAYS | NO. OF DAYS |             |             |                    | TOTAL | DEPARTURE<br>FROM NORMAL | GREATEST DAY<br>DATE | SNOW, SLEET |                         |      | NO. OF DAYS |             |              |
|                         |                    |                    |         |                          |                 |                |                        |                        | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW         |       |                          |                      | TOTAL       | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| FREDRICK POLICE BRKS    | 54.6               | 35.2               | 44.9    |                          | 66 28+          | 21 23+         | 596                    | 0                      | 0           | 0           | 14          | 0                  | 2.81  |                          | .97 29               | .0          | 0                       |      | 5           | 3           | 0            |
| PARKTON 2 SW            | 52.7               | 31.3               | 42.0    |                          | 65 10           | 17 21          | 681                    | 0                      | 0           | 0           | 21          | 0                  | 4.47  |                          | 2.75 28              | 1.5         | T                       |      | 6           | 1           | 1            |
| ROCKVILLE 1 NE          | 52.9               | 31.3               | 42.1    | -4.2                     | 69 28           | 17 23          | 682                    | 0                      | 0           | 0           | 19          | 0                  | 3.09  | .03                      | 1.75 28              | .0          | T                       |      | 6           | 1           | 1            |
| TOWSON                  | 56.3               | 33.1               | 44.7    |                          | 70 22           | 22 22+         | 602                    | 0                      | 0           | 0           | 17          | 0                  | 2.69  | -1.17                    | 2.25 29              | .0          | T                       |      | 3           | 1           | 1            |
| UNIONVILLE              | 54.6               | 38.6               | 41.6    | -1.6                     | 67 10           | 12 21          | 698                    | 0                      | 0           | 0           | 19          | 0                  | 3.81  | .72                      | 1.70 29              | 1.0         | T                       |      | 6           | 2           | 1            |
| WESTMINSTER POLICE BRK  | 53.1               | 35.0               | 44.1    | -1.2                     | 66 1            | 21 21+         | 619                    | 0                      | 0           | 0           | 11          | 0                  | 3.45  | .24                      | 2.00 29              | .0          | T                       |      | 4           | 2           | 1            |
| WOODSTOCK               | 54.9               | 32.9               | 43.9    | -1.8                     | 67 10           | 16 23          | 625                    | 0                      | 0           | 0           | 16          | 0                  | 3.54  | .26                      | 2.40 29              | .0          | 0                       |      | 4           | 1           | 1            |
| --DIVISIONAL DATA-->    |                    |                    | 43.3    | -1.9                     |                 |                |                        |                        |             |             |             |                    | 3.55  | .20                      |                      | .7          |                         |      |             |             |              |
| APPALACHIAN MOUNTAIN 07 |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |             |                         |      |             |             |              |
| CUMBERLAND 2            | 52.9               | 29.9               | 41.4    | -2.7                     | 64 1            | 17 22+         | 701                    | 0                      | 0           | 0           | 20          | 0                  | 3.68  | 1.27                     | 2.10 29              | 3.0         | 3                       | 19   | 5           | 3           | 1            |
| FROSTBURG 2             | 46.3               | 25.9               | 35.8    |                          | 62 1            | 4 20           | 870                    | 0                      | 0           | 0           | 26          | 0                  | 4.91  |                          | 1.92 29              | 14.2        | 7                       | 19   | 5           | 3           | 1            |
| HAGERSTOWN              | 52.9               | 33.7               | 43.3    | -1.0                     | 64 28+          | 20 23          | 642                    | 0                      | 0           | 0           | 17          | 0                  | 4.10  | 1.08                     | 1.30 29              | .0          | 0                       |      | 6           | 3           | 2            |
| HANCOCK FRUIT LAB       | 54.0               | 30.0               | 42.0    | -1.8                     | 66 10+          | 15 23+         | 681                    | 0                      | 0           | 0           | 19          | 0                  | 4.11  | 1.44                     | 1.60 28              | 1.0         | 1                       | 19   | 6           | 2           | 2            |
| --DIVISIONAL DATA-->    |                    |                    | 40.6    | -3.0                     |                 |                |                        |                        |             |             |             |                    | 4.05  | 1.31                     |                      | 6.1         |                         |      |             |             |              |
| ALLEGHENY PLATEAU 08    |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |             |                         |      |             |             |              |
| MC HENRY 2 NW           | 45.8               | 27.3               | 36.6    |                          | 65 2+           | 12 20          | 845                    | 0                      | 0           | 5           | 2           | 0                  | 4.41  |                          | 1.39 29              | 14.5        | 9                       | 19   | 10          | 3           | 1            |
| OAKLAND 1 SE            | 47.8               | 25.8               | 36.8    | -2.4                     | 71 1            | -3 22          | 837                    | 0                      | 0           | 2           | 2           | 1                  | 4.03  | .89                      | 1.05 28              | 10.0        | 5                       | 19   | 9           | 2           | 1            |
| SAVAGE RIVER DAM        | 46.8               | 27.4               | 37.1    | -3.2                     | 66 2+           | 9 23+          | 831                    | 0                      | 0           | 2           | 2           | 0                  | 3.04  | .69                      | 1.20 29              | 2.0         | 2                       | 23+  | 5           | 3           | 1            |
| --DIVISIONAL DATA-->    |                    |                    | 36.8    | -2.3                     |                 |                |                        |                        |             |             |             |                    | 3.83  | .83                      |                      | 8.8         |                         |      |             |             |              |
| DELAWARE                |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |             |                         |      |             |             |              |
| NORTHERN 01             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |             |                         |      |             |             |              |
| MIDDLETOWN 1 WSW        | 57.7               | 34.0               | 45.9    |                          | 69 11+          | 17 23          | 566                    | 0                      | 0           | 0           | 14          | 0                  | 1.90  |                          | .77 29               | .0          | 0                       |      | 4           | 1           | 0            |
| NEWARK UNIVERSITY FARM  | 56.5               | 33.2               | 44.9    | -1.9                     | 68 28+          | 19 23          | 596                    | 0                      | 0           | 0           | 16          | 0                  | 2.09  | -1.13                    | .83 29               | .0          | 0                       |      | 4           | 2           | 0            |
| WILMINGTON WSO AP       | 54.0               | 32.6               | 43.3    | -2.3                     | 69 5            | 17 20          | 641                    | 0                      | 0           | 0           | 18          | 0                  | 1.63  | -1.70                    | .57 5                | 1.0         | T                       |      | 5           | 1           | 0            |
| WILMGTON PORTER RESVR   | 54.5               | 35.7               | 45.1    | -1.1                     | 72 6            | 24 22+         | 588                    | 0                      | 0           | 0           | 10          | 0                  | 1.93  | -1.83                    | .60 5                | .0          | 0                       |      | 4           | 2           | 0            |
| --DIVISIONAL DATA-->    |                    |                    | 44.8    | -1.0                     |                 |                |                        |                        |             |             |             |                    | 1.88  | -1.50                    |                      | .0          |                         |      |             |             |              |
| SOUTHERN 02             |                    |                    |         |                          |                 |                |                        |                        |             |             |             |                    |       |                          |                      |             |                         |      |             |             |              |
| BRIDGEVILLE 1 NW        | 57.5               | 34.2               | 45.9    | -1.6                     | 70 28+          | 18 25+         | 570                    | 0                      | 0           | 0           | 14          | 0                  | 2.58  | -.59                     | 1.28 19              | .0          | 0                       |      | 4           | 2           | 1            |
| DOVER                   | 58.0               | 37.0               | 47.5    | -1.7                     | 72 1            | 23 24          | 519                    | 0                      | 0           | 0           | 14          | 0                  | 2.50  | -1.03                    | .88 29               | .0          | 0                       |      | 4           | 2           | 0            |
| GEORGETOWN 5 SW         | 57.0               | 33.5               | 45.3    | -1.9                     | 71 1            | 16 23          | 584                    | 0                      | 0           | 0           | 16          | 0                  | 2.64  | -.65                     | 1.41 19              | .0          | 0                       |      | 4           | 2           | 1            |
| LEWES                   | 59.2               | 39.0               | 49.1    | 1.1                      | 77 10           | 21 23          | 472                    | 0                      | 0           | 0           | 9           | 0                  | 3.04  | -.45                     | 1.30 19              | .0          | 0                       |      | 4           | 4           | 1            |
| MILFORD 4 SE            | 57.3               | 36.3               | 46.8    | -1.8                     | 71 5            | 19 23          | 538                    | 0                      | 0           | 0           | 14          | 0                  | 2.16  | -1.27                    | 1.21 19              | .0          | 0                       |      | 3           | 2           | 1            |
| --DIVISIONAL DATA-->    |                    |                    | 46.9    | -.9                      |                 |                |                        |                        |             |             |             |                    | 2.58  | -.79                     |                      | .0          |                         |      |             |             |              |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                   | TOTAL | DAY OF MONTH |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
|---------------------------|-------|--------------|-----|-----|------|------|-----|---|---|---|-----|-----|-----|-----|----|----|
|                           |       | 1            | 2   | 3   | 4    | 5    | 6   | 7 | 8 | 9 | 10  | 11  | 12  | 13  | 14 | 15 |
| MARYLAND                  |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| SOUTHERN EASTERN SHORE 01 |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| ASSATEAGUE STATE PARK     | 2.99  | T            |     |     |      | .44  | T   |   |   |   |     | .25 | .09 |     |    |    |
| PRINCESS ANNE             | 2.69  |              |     |     |      | .13  |     |   |   |   |     | .25 | .10 |     |    |    |
| SALISBURY                 | 2.87  |              |     |     |      | .19  |     |   |   |   |     | .20 | .07 |     |    |    |
| SALISBURY FAA AP          | 2.87  |              |     |     | .07  | .04  | .02 |   |   |   |     | .44 |     |     |    | T  |
| SNOW HILL 4 N             | 2.57  |              |     |     |      | .39  | .03 |   |   |   |     | .15 | .24 |     |    |    |
| CENTRAL EASTERN SHORE 02  |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| CAMBRIDGE WTR TRMT PL     | 3.31  |              |     |     |      | .46  |     |   |   |   |     | .45 |     |     |    |    |
| DENTON 2 E                | 3.03  |              | .04 |     |      | .60  | .01 |   |   |   |     | .32 |     |     |    |    |
| ROYAL OAK 2 SSW           | 3.30  |              | T   |     |      | .61  |     |   |   |   |     | .33 |     |     |    |    |
| VIENNA                    | 3.23  |              |     |     |      | .24  |     |   |   |   |     | .44 |     |     |    |    |
| LOWER SOUTHERN 03         |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| LA PLATA 1 W              | 2.96  |              | .01 |     | .01  | .31  |     |   |   |   |     | .23 |     |     |    |    |
| MECHANICSVILLE 5 NE       | 3.11  |              |     |     | T    | .28  | .02 |   |   |   |     | .26 |     |     |    |    |
| OWINGS FERRY LANDING      | 3.06  |              |     |     |      | .40  | .01 |   |   |   |     | .20 |     |     |    |    |
| PATUXENT RIVER            | 3.65  |              |     |     | .14  | .38  |     |   |   |   |     | .28 |     |     |    | T  |
| UPPER SOUTHERN 04         |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| ANNAPOLIS POLICE BRKS     | 3.02  |              |     |     |      | .56  | T   |   |   |   |     | .14 |     |     |    |    |
| BALTIMORE WSO AP          | 3.01  | T            | T   |     | .19  | .58  |     |   |   | T |     | .12 |     |     |    |    |
| BELTSVILLE                | 4.08  |              |     |     |      | 1.48 | .02 |   |   |   |     | .02 | .19 |     |    |    |
| COLLEGE PARK              | 4.14  |              | T   |     | 1.33 | .01  |     |   |   |   |     | .21 |     |     |    |    |
| DALECARLIA RESVR D C      | M     | -            | -   |     |      |      |     |   |   |   |     |     |     |     |    |    |
| GLENN DALE BELL STN       | 3.63  |              |     |     |      | .98  |     |   |   |   |     | .17 |     |     |    |    |
| LAUREL 3 W                | 5.37  |              |     |     | .77  | 1.27 |     |   |   |   |     |     |     |     |    |    |
| NATIONAL ARBORETUM D C    | 3.75  |              |     |     |      | 1.02 | .03 |   |   |   |     | .18 |     |     |    |    |
| UPPER MARLBORO 3 NNW      | 3.00  |              |     |     |      | .34  | T   |   |   |   |     |     | .17 |     |    |    |
| NORTHERN EASTERN SHORE 05 |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| CENTREVILLE               | 2.77  |              |     |     |      | .40  |     |   |   |   |     | .30 |     |     |    |    |
| CHESTERTOWN               | 2.75  |              |     |     | T    | .45  | T   |   |   |   |     | .22 |     |     |    |    |
| NORTHERN CENTRAL 06       |       |              |     |     |      |      |     |   |   |   |     |     |     |     |    |    |
| ABERDEEN PHILLIPS FLD     | 3.15  |              | T   | *   | *    | .93  |     |   |   |   |     |     |     |     |    |    |
| BALTIMORE WSO CI          | 3.54  |              |     |     | .18  | .62  |     |   |   |   |     | .18 |     |     |    |    |
| BENSON POLICE BARRACKS    | 4.95  | .01          | T   |     |      | 2.26 |     |   |   |   | .05 | .12 |     |     |    |    |
| BOYDS 2 NW                | 2.90  |              |     |     |      | .77  |     |   |   |   |     | .22 |     |     |    |    |
| BRIGHTON DAM              | 3.60  |              |     |     |      | .18  |     |   |   |   |     | .20 |     |     |    |    |
| CATOCTIN MOUNTAIN PARK    | 3.46  |              |     |     |      | 1.00 |     |   |   |   |     | .08 | .10 |     |    |    |
| CLARKSVILLE 3 NNE         | 3.36  |              | T   |     |      | .54  |     |   |   | T |     | .02 | .20 |     |    |    |
| CONOWINGO DAM             | 5.04  |              |     | .01 | .03  | 2.35 |     |   |   |   |     | .01 |     | .13 |    |    |
| DAMASCUS 2 SW             | 3.50  |              | .01 |     | .01  | .72  |     |   |   | T |     | .02 | .29 | T   |    |    |
| EMMITSBURG 2 SE           | 3.02  |              | T   |     |      | .80  |     |   |   |   |     | .25 |     |     |    |    |
| FREDRICK POLICE BRKS      | 2.81  |              |     |     |      | .50  |     |   |   |   |     | .14 |     |     |    |    |
| FREDERICK 3 E             | 3.15  |              | T   |     |      | .52  |     |   |   |   |     | .03 | .23 | T   |    |    |
| PARKTON 2 SW              | 4.47  | T            | .08 |     | .07  | .43  | T   |   |   |   | .06 | .19 |     |     |    |    |
| POTOMAC FILTER PLANT      | 3.14  |              |     |     |      | .22  |     |   |   | T |     | .13 |     |     |    |    |
| ROCKVILLE 1 NE            | 3.09  |              |     |     | .30  | .32  | .01 |   |   |   | T   | .16 |     |     |    |    |
| TOWSON                    | 2.66  |              |     |     |      |      |     |   |   |   |     | .21 |     |     |    |    |
| UNIONVILLE                | 3.81  |              | .09 |     |      | .76  |     |   |   |   |     | .03 | .29 | .01 |    |    |
| WESTMINSTER POLICE BRK    | 3.45  |              | .03 |     |      | .68  |     |   |   |   |     | .05 | .24 |     |    |    |
| WOODSTOCK                 | 3.54  |              |     |     |      | .45  |     |   |   |   |     | .04 | .18 |     |    |    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
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# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                   | DAY OF MONTH |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
|---------------------------|--------------|-----|-----|------|-----|----|----|----|----|----|----|-----|------|------|------|----|
|                           | 16           | 17  | 18  | 19   | 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27  | 28   | 29   | 30   | 31 |
| MARYLAND                  |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| SOUTHERN EASTERN SHORE 01 |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| ASSATEAGUE STATE PARK     |              |     |     | 1.34 |     |    |    |    |    |    |    |     | .02  | .85  |      |    |
| PRINCESS ANNE             |              |     |     | 1.25 |     |    |    |    |    |    |    |     |      | .96  |      |    |
| SALISBURY                 |              |     | .01 | 1.53 |     |    |    |    |    |    |    |     |      | .87  |      |    |
| SALISBURY FAA AP          | T            |     | .53 | .96  |     |    |    |    |    |    |    |     | .72  | .09  |      |    |
| SNOW HILL 4 N             |              |     | T   | 1.16 |     |    |    |    |    |    |    |     |      | .60  |      |    |
| CENTRAL EASTERN SHORE 02  |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| CAMBRIDGE WTR TRMT PL     |              |     |     | 1.34 |     |    |    |    |    |    |    |     |      | 1.06 |      |    |
| DENTON 2 E                |              |     | .01 | 1.00 |     |    |    |    |    |    |    |     |      | 1.05 |      |    |
| ROYAL OAK 2 SSW           | T            |     | T   | 1.18 |     |    |    |    |    |    |    | .03 | T    | 1.15 |      |    |
| VIENNA                    |              |     | .02 | 1.50 |     |    |    |    |    |    |    |     | .01  | 1.02 |      |    |
| LOWER SOUTHERN 03         |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| LA PLATA 1 W              |              |     | .07 | 1.14 |     |    |    |    |    |    |    |     | .70  | .49  |      |    |
| MECHANICSVILLE 5 NE       |              |     | .06 | 1.26 |     |    |    |    |    |    |    |     |      | 1.23 |      |    |
| OWINGS FERRY LANDING      |              |     | .07 | 1.14 |     |    |    |    |    |    |    |     |      | 1.24 |      |    |
| PATUXENT RIVER            |              |     | .41 | 1.09 |     |    |    |    |    |    |    |     | 1.31 | .04  |      |    |
| UPPER SOUTHERN 04         |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| ANNAPOLIS POLICE BRKS     |              |     | .03 | .79  |     |    |    |    |    |    |    |     |      | 1.50 |      |    |
| BALTIMORE WSO AP          | R            |     | .24 | .35  |     |    |    |    |    |    |    |     | 1.49 | .04  |      |    |
| BELTSVILLE                |              |     |     | .54  |     |    |    |    | T  |    |    |     | T    | 1.73 |      |    |
| COLLEGE PARK              | T            |     |     | .76  | .10 |    |    |    | T  |    |    |     | T    | 1.83 |      |    |
| DALECARLIA RESVR D C      |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| GLENN DALE BELL STN       |              |     |     | .80  |     |    |    |    |    |    |    |     |      | 1.68 |      |    |
| LAUREL 3 W                |              |     | .50 | .35  |     |    |    |    |    |    |    |     | 2.40 | .08  |      |    |
| NATIONAL ARBORETUM D C    |              |     |     | .66  | .12 |    |    |    |    |    |    |     |      | 1.67 |      |    |
| UPPER MARLBORO 3 NNW      |              |     |     | .75  | .12 |    |    |    |    |    |    | .07 | T    | 1.62 |      |    |
| NORTHERN EASTERN SHORE 05 |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| CENTREVILLE               |              |     |     | .77  |     |    |    |    |    |    |    |     |      | 1.30 |      |    |
| CHESTERTOWN               |              |     | .24 | .50  |     |    |    |    |    |    |    |     | 1.12 | .22  |      |    |
| NORTHERN CENTRAL 06       |              |     |     |      |     |    |    |    |    |    |    |     |      |      |      |    |
| ABERDEEN PHILLIPS FLD     |              | *   | *   | .67  |     |    |    |    |    |    |    |     |      | 1.55 |      |    |
| BALTIMORE WSO CI          | R            |     | .29 | .35  |     |    |    |    |    |    |    |     | 1.75 | .17  |      |    |
| BENSON POLICE BARRACKS    |              |     | .11 | .40  |     |    |    |    |    |    |    |     |      | 2.00 |      |    |
| BOYDS 2 NW                |              |     | T   | .46  |     |    |    |    |    |    |    |     |      | 1.42 | .02  |    |
| BRIGHTON DAM              |              |     | .30 | .30  |     |    |    |    |    |    |    |     | 1.90 | .30  |      |    |
| CATOCTIN MOUNTAIN PARK    | .04          |     | .13 | .13  |     |    |    |    |    |    |    |     | .83  | 1.15 |      |    |
| CLARKSVILLE 3 NNE         |              |     | .06 | .47  |     |    |    |    |    |    |    |     | T    | 2.07 |      |    |
| CONOWINGO DAM             | T            |     |     | .47  | .04 |    |    |    |    |    |    |     |      | 2.00 |      |    |
| DAMASCUS 2 SW             | T            |     | .08 | .39  |     |    |    |    |    |    |    |     | .76  | 1.22 |      |    |
| EMMITSBURG 2 SE           | T            | .01 | .01 | .30  |     |    |    |    |    |    |    |     | .50  | 1.15 |      |    |
| FREDRICK POLICE BRKS      |              |     | .02 | .42  |     |    |    |    |    |    |    |     | .76  | .97  |      |    |
| FREDERICK 3 E             |              |     |     | .47  | T   |    |    |    |    |    |    |     | T    |      | 1.90 |    |
| PARKTON 2 SW              |              |     | .29 | .17  |     |    |    |    |    |    |    |     | 2.75 | .43  |      |    |
| POTOMAC FILTER PLANT      | //           |     | .33 | .31  |     |    |    |    |    |    |    |     | 2.15 |      | T    |    |
| ROCKVILLE 1 NE            |              |     | .25 | .30  |     |    |    |    |    |    |    |     | 1.75 |      | T    |    |
| TOWSON                    |              |     |     | .20  |     |    |    |    |    |    |    |     |      | 2.25 |      |    |
| UNIONVILLE                |              |     | .16 | .32  |     |    |    |    |    |    |    |     | .45  | 1.70 |      |    |
| WESTMINSTER POLICE BRK    |              |     | .02 | .40  | .01 |    |    |    |    |    |    |     | .02  | 2.00 |      |    |
| WOODSTOCK                 |              |     |     | .44  |     |    |    |    |    |    |    |     | .03  | 2.40 |      |    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                 | TOTAL | DAY OF MONTH |     |     |     |     |     |     |   |     |     |     |     |     |    |     |
|-------------------------|-------|--------------|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|----|-----|
|                         |       | 1            | 2   | 3   | 4   | 5   | 6   | 7   | 8 | 9   | 10  | 11  | 12  | 13  | 14 | 15  |
| APPALACHIAN MOUNTAIN 07 | 3.68  |              |     |     |     |     |     |     |   |     |     |     |     |     |    |     |
| CUMBERLAND 2            | 4.04  | T            | .04 | T   |     | .55 | T   |     |   |     | .10 | .25 | .02 |     |    |     |
| EDGEMONT                | 4.31  |              | .02 |     |     | .92 | T   |     |   |     | .05 | .05 | .10 |     |    |     |
| FROSTBURG 2             | 4.10  |              | .05 |     |     | .84 | .02 | .03 |   | T   | .20 | .38 | .08 | .05 | T  |     |
| HAGERSTOWN              | 4.11  | T            |     |     | .01 | .74 |     |     |   |     | .06 | .18 |     |     |    | T   |
| HANCOCK FRUIT LAB       |       |              |     |     |     | .46 |     |     |   |     | .08 | .26 |     | T   |    |     |
| ALLEGHENY PLATEAU 08    | 4.41  |              | .30 |     |     | .69 | T   | .11 |   | T   | .27 | .26 | .12 | .20 | T  |     |
| MC HENRY 2 NW           | 3.62  |              |     |     |     | .74 |     |     |   | .08 | .20 | .30 |     | .10 |    |     |
| MERRILL                 | 4.03  |              | .27 | .02 | .64 | .22 | .03 |     |   | .09 | .08 | .26 | .05 | .05 |    | .08 |
| OAKLAND 1 SE            | 3.04  |              | .02 |     |     | .67 | T   | .03 |   | T   | .12 | .25 | T   | T   |    |     |
| SAVAGE RIVER DAM        |       |              |     |     |     |     |     |     |   |     |     |     |     |     |    |     |
| DELAWARE                |       |              |     |     |     |     |     |     |   |     |     |     |     |     |    |     |
| NORTHERN 01             | 1.90  |              |     |     |     | .45 |     |     |   |     |     | .12 | .08 |     |    |     |
| MIDDLETOWN 1 WSW        | 2.06  |              |     |     |     | .68 |     |     |   |     | .02 | .13 | .03 |     |    |     |
| NEWARK UNIVERSITY FARM  | 1.63  |              | T   |     | T   | .57 | T   |     |   |     |     | .21 |     |     |    | T   |
| WILMINGTON WSO AP       | 1.93  |              |     |     |     | .60 |     |     |   | .01 |     | .26 |     |     |    | T   |
| WILMGTON PORTER RESVR   |       |              |     |     |     |     |     |     |   | .03 |     |     |     |     |    |     |
| SOUTHERN 02             |       |              |     |     |     |     |     |     |   |     |     |     |     |     |    |     |
| BRIDGEVILLE 1 NW        | 2.58  |              |     |     |     | .18 |     |     |   |     |     | .38 |     |     |    |     |
| DOVER                   | 2.50  |              |     |     |     | .44 |     |     |   |     |     | .35 |     |     |    |     |
| GEORGETOWN 5 SW         | 2.64  |              |     |     |     | .18 |     |     |   |     |     |     | .35 |     |    |     |
| LEWES                   | 3.04  |              |     |     |     | .67 |     |     |   |     |     | .54 | .03 |     |    |     |
| MILFORD 4 SE            | 2.16  |              |     |     |     |     |     |     |   |     |     | .35 |     |     |    |     |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                      | DAY OF MONTH |    |     |      |     |     |    |    |    |    |    |    |      |      |    |    |
|------------------------------|--------------|----|-----|------|-----|-----|----|----|----|----|----|----|------|------|----|----|
|                              | 16           | 17 | 18  | 19   | 20  | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28   | 29   | 30 | 31 |
| APPALACHIAN MOUNTAIN 07      |              |    |     |      |     |     |    |    |    |    |    |    |      |      |    |    |
| CUMBERLAND 2                 | T            |    |     |      |     |     |    |    |    |    |    |    |      |      |    |    |
| EDGE MONT                    | .04          |    |     | .66  | T   | .02 |    |    |    |    |    |    | T    | 2.10 |    |    |
| FROSTBURG 2                  | .03          |    |     | .45  | .02 |     |    |    |    |    |    |    | T    | 2.37 |    |    |
| HAGERSTOWN                   | .03          |    |     | .69  | .03 | .02 | T  |    |    |    |    |    | T    | 1.92 | T  |    |
| HANCOCK FRUIT LAB            | .05          |    | .17 | .34  |     |     |    |    |    |    |    |    | 1.23 | 1.30 |    |    |
|                              |              |    | .20 | .40  |     |     |    |    |    |    |    |    | 1.60 | 1.05 |    |    |
| ALLEGHENY PLATEAU 08         |              |    |     |      |     |     |    |    |    |    |    |    |      |      |    |    |
| MC HENRY 2 NW                | .13          |    |     | .92  |     | .02 |    |    |    |    |    |    |      | 1.39 |    |    |
| MERRILL                      |              |    |     | .74  |     |     |    |    |    |    |    |    | T    | 1.46 |    |    |
| OAKLAND 1 SE                 | .11          |    | .47 | .42  | T   | T   |    |    |    |    |    |    | 1.05 | .19  | T  |    |
| SAVAGE RIVER DAM             | .03          |    |     | .72  |     |     |    |    |    |    |    |    | T    | 1.20 |    |    |
| DELAWARE                     |              |    |     |      |     |     |    |    |    |    |    |    |      |      |    |    |
| NORTHERN MIDDLETOWN 1 WSW 01 |              |    |     | .48  |     |     |    |    |    |    |    |    |      |      |    |    |
| NEWARK UNIVERSITY FARM       |              |    | .08 | .29  |     |     |    |    |    |    |    |    |      | .77  |    |    |
| WILMINGTON WSO AP            |              |    | .24 | .10  |     |     |    |    |    |    |    |    | .41  | .83  |    |    |
| WILMGTON PORTER RESVR        |              |    | .45 | .09  |     |     |    |    |    |    |    |    | .50  | .09  |    |    |
| SOUTHERN BRIDGEVILLE 1 NW 02 |              |    |     | 1.28 |     |     |    |    |    |    |    |    |      | .74  |    |    |
| DOVER                        |              |    |     | .83  |     |     |    |    |    |    |    |    |      | .88  |    |    |
| GEORGETOWN 5 SW              |              |    |     | 1.41 |     |     |    |    |    |    |    |    |      | .70  |    |    |
| LEWES                        |              |    |     | 1.30 |     |     |    |    |    |    |    |    |      | .50  |    |    |
| MILFORD 4 SE                 | T            |    |     | 1.21 |     |     |    |    |    |    |    |    |      | .60  |    |    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                   | DAY OF MONTH |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    | AVERAGE |      |  |
|---------------------------|--------------|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|---------|------|--|
|                           | 1            | 2  | 3  | 4  | 5  | 6  | 7  | 8   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  | 18 | 19 | 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |         |      |  |
| MARYLAND                  |              |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| SOUTHERN EASTERN SHORE 01 |              |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| ASSATEAGUE STATE PARK     | MAX          | 73 | 75 | 62 | 69 | 71 | 67 | 59  | 58 | 67 | 67 | 65 | 63 | 47 | 55 | 61 | 66  | 55 | 53 | 54  | 44 | 46 | 58 | 53 | 57 | 57 | 56 | 63 | 66 | 66 | 53 |         | 60.2 |  |
|                           | OBS          |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    | 66 |    |    |    |    |    |    |    |         |      |  |
|                           | MIN          | 59 | 59 | 43 | 54 | 61 | 50 | 36  | 34 | 39 | 44 | 54 | 37 | 43 | 40 | 39 | 41  | 37 | 32 | 40  | 27 | 28 | 20 | 19 | 28 | 32 | 31 | 32 | 50 | 35 | 31 |         | 39.2 |  |
| PRINCESS ANNE             | MAX          | 72 | 72 | 68 | 65 | 67 | 64 | 55  | 56 | 66 | 67 | 69 | 61 | 46 | 53 | 63 | 64  | 55 | 51 | 46  | 41 | 41 | 44 | 46 | 53 | 60 | 62 | 68 | 71 | 66 | 56 |         | 58.9 |  |
|                           | MIN          | 48 | 54 | 42 | 36 | 58 | 50 | 29  | 26 | 28 | 39 | 55 | 40 | 39 | 38 | 23 | 53  | 24 | 23 | 39  | 26 | 22 | 26 | 28 | 19 | 25 | 28 | 28 | 52 | 37 | 25 |         | 35.3 |  |
| SALISBURY                 | MAX          | 70 | 70 | 58 | 64 | 69 | 61 | 54  | 56 | 65 | 68 | 70 | 60 | 47 | 54 | 63 | 63  | 51 | 50 | 45  | 41 | 42 | 46 | 53 | 54 | 59 | 63 | 65 | 70 | 64 | 66 |         | 58.7 |  |
|                           | MIN          | 50 | 55 | 36 | 40 | 55 | 49 | 34  | 29 | 31 | 43 | 51 | 41 | 38 | 36 | 26 | 50  | 27 | 26 | 38  | 25 | 24 | 31 | 23 | 26 | 27 | 29 | 30 | 51 | 37 | 27 |         | 36.2 |  |
| SALISBURY FAA AP          | MAX          | 72 | 72 | 58 | 65 | 68 | 59 | 52  | 55 | 65 | 68 | 71 | 50 | 45 | 54 | 63 | 64  | 50 | 51 | 42  | 38 | 43 | 46 | 53 | 54 | 58 | 62 | 68 | 71 | 52 | 56 |         | 57.5 |  |
|                           | MIN          | 51 | 47 | 38 | 42 | 58 | 42 | 33  | 30 | 31 | 47 | 49 | 42 | 40 | 30 | 25 | 40  | 26 | 27 | 33  | 26 | 22 | 24 | 21 | 26 | 28 | 29 | 30 | 52 | 31 | 27 |         | 34.9 |  |
| SNOW HILL 4 N             | MAX          | 70 | 72 | 58 | 65 | 69 | 63 | 55  | 54 | 65 | 70 | 69 | 68 | 44 | 53 | 64 | 67  | 50 | 52 | 50  | 41 | 42 | 46 | 53 | 53 | 59 | 61 | 68 | 70 | 61 | 56 |         | 58.9 |  |
|                           | MIN          | 49 | 52 | 39 | 40 | 60 | 49 | 31  | 29 | 30 | 39 | 55 | 43 | 39 | 36 | 25 | 46  | 25 | 25 | 40  | 26 | 22 | 25 | 20 | 24 | 26 | 28 | 28 | 45 | 37 | 26 |         | 35.3 |  |
| CENTRAL EASTERN SHORE 02  |              |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| CAMBRIDGE WTR TRMT PL     | MAX          | 71 | 71 | 59 | 63 | 67 | 65 | 62  | 52 | 62 | 66 | 77 | 59 | 49 | 54 | 61 | 62  | 57 | 49 | 48  | 42 | 40 | 41 | 45 | 53 | 56 | 60 | 59 | 69 | 67 | 55 |         | 58.0 |  |
|                           | MIN          | 53 | 55 | 37 | 45 | 57 | 49 | 43  | 35 | 32 | 43 | 52 | 42 | 39 | 40 | 27 | 51  | 33 | 29 | 38  | 28 | 30 | 28 | 20 | 26 | 25 | 23 | 33 | 47 | 38 | 29 |         | 37.6 |  |
| DENTON 2 E                | MAX          | 73 | 67 | 63 | 62 | 71 | 65 | 55  | 53 | 67 | 66 | 63 | 59 | 56 | 55 | 61 | 60  | 50 | 51 | 41  | 37 | 41 | 43 | 52 | 53 | 57 | 60 | 59 | 70 | 65 | 55 |         | 57.7 |  |
|                           | OBS          |    |    |    |    |    |    | *** |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
|                           | MIN          | 49 | 51 | 34 | 37 | 56 | 46 | 34  | 26 | 27 | 44 | 48 | 40 | 37 | 36 | 25 | 50  | 26 | 25 | 31  | 21 | 22 | 22 | 18 | 21 | 26 | 26 | 28 | 48 | 37 | 20 |         | 33.7 |  |
|                           | OBS          |    |    |    |    |    |    | *** |    |    |    |    |    |    |    |    |     |    |    | *** |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| ROYAL OAK 2 SSW           | MAX          | 72 | 67 | 56 | 63 | 68 | 63 | 54  | 56 | 61 | 66 | 62 | 58 | 49 | 56 | 62 | 59  | 52 | 48 | 47  | 40 | 42 | 41 | 51 | 54 | 57 | 59 | 59 | 68 | 65 | 56 |         | 57.0 |  |
|                           | MIN          | 52 | 55 | 37 | 40 | 57 | 49 | 41  | 30 | 32 | 49 | 54 | 43 | 39 | 38 | 31 | 52  | 35 | 30 | 38  | 28 | 29 | 27 | 23 | 25 | 29 | 27 | 33 | 47 | 39 | 30 |         | 38.0 |  |
| VIENNA                    | MAX          | 71 | 69 | 60 | 63 | 70 | 63 | 54  | 54 | 63 | 64 | 66 | 58 | 51 | 54 | 68 | 55  | 56 | 48 | 45  | 42 | 41 | 43 | 51 | 52 | 58 | 58 | 60 | 69 | 67 | 60 |         | 57.8 |  |
|                           | MIN          | 52 | 51 | 37 | 42 | 54 | 48 | 36  | 31 | 32 | 49 | 55 | 43 | 38 | 38 | 28 | 49  | 32 | 28 | 39  | 26 | 26 | 25 | 21 | 21 | 28 | 28 | 28 | 44 | 39 | 31 |         | 36.6 |  |
|                           | OBS          |    |    |    |    | 42 |    |     |    |    |    |    |    |    |    |    | *** |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| LOWER SOUTHERN 03         |              |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| LA PLATA 1 W              | MAX          | 67 | 65 | 53 | 61 | 67 | 57 | 51  | 54 | 60 | 67 | 62 | 53 | 50 | 54 | 66 | 61  | 50 | 47 | 43  | 39 | 42 | 41 | 52 | 53 | 58 | 61 | 66 | 68 | 51 | 57 |         | 55.9 |  |
|                           | MIN          | 52 | 53 | 37 | 37 | 51 | 46 | 34  | 27 | 31 | 46 | 53 | 41 | 39 | 38 | 29 | 49  | 29 | 28 | 37  | 28 | 21 | 24 | 19 | 25 | 27 | 27 | 32 | 51 | 36 | 26 |         | 35.8 |  |
| MECHANICSVILLE 5 NE       | MAX          | 68 | 66 | 55 | 62 | 69 | 57 | 52  | 52 | 61 | 69 | 61 | 52 | 49 | 56 | 65 | 61  | 51 | 48 | 41  | 39 | 42 | 43 | 53 | 55 | 56 | 61 | 63 | 68 | 51 | 57 |         | 56.1 |  |
|                           | MIN          | 48 | 49 | 39 | 34 | 55 | 46 | 32  | 27 | 28 | 44 | 51 | 42 | 38 | 35 | 26 | 51  | 27 | 28 | 38  | 26 | 20 | 24 | 18 | 23 | 27 | 26 | 29 | 46 | 37 | 26 |         | 34.7 |  |
| OWINGS FERRY LANDING      | MAX          | 69 | 64 | 54 | 64 | 69 | 59 | 53  | 54 | 61 | 68 | 66 | 55 | 50 | 56 | 65 | 59  | 50 | 48 | 48  | 39 | 44 | 44 | 54 | 56 | 58 | 63 | 66 | 69 | 61 | 57 |         | 57.4 |  |
|                           | MIN          | 50 | 53 | 36 | 38 | 55 | 46 | 34  | 28 | 29 | 45 | 53 | 40 | 38 | 36 | 27 | 49  | 27 | 29 | 29  | 29 | 22 | 24 | 19 | 22 | 26 | 26 | 29 | 49 | 37 | 26 |         | 35.0 |  |
| PATUXENT RIVER            | MAX          | 70 | 68 | 54 | 63 | 69 | 58 | 52  | 54 | 59 | 68 | 63 | 53 | 49 | 55 | 65 | 64  | 52 | 51 | 44  | 38 | 43 | 43 | 54 | 56 | 57 | 56 | 54 | 64 | 49 | 58 |         | 56.1 |  |
|                           | MIN          | 57 | 47 | 40 | 47 | 55 | 44 | 41  | 38 | 35 | 49 | 49 | 43 | 39 | 33 | 31 | 43  | 37 | 35 | 36  | 28 | 29 | 26 | 23 | 30 | 32 | 28 | 32 | 48 | 31 | 29 |         | 37.8 |  |
| UPPER SOUTHERN 04         |              |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| ANNAPOLIS POLICE BRKS     | MAX          | 68 | 67 | 55 | 67 | 67 | 61 | 52  | 50 | 57 | 67 | 63 | 58 | 50 | 56 | 64 | 60  | 54 | 48 | 43  | 40 | 42 | 42 | 52 | 56 | 54 | 55 | 53 | 65 | 64 | 54 |         | 56.1 |  |
|                           | MIN          | 53 | 53 | 39 | 39 | 39 | 42 | 37  | 35 | 34 | 48 | 56 | 41 | 38 | 37 | 29 | 50  | 29 | 32 | 38  | 27 | 23 | 28 | 24 | 27 | 30 | 29 | 34 | 45 | 38 | 30 |         | 36.8 |  |
| BALTIMORE WSO AP          | RMAX         | 66 | 64 | 50 | 61 | 63 | 56 | 51  | 49 | 60 | 68 | 62 | 47 | 50 | 55 | 63 | 56  | 49 | 44 | 40  | 38 | 42 | 43 | 52 | 55 | 55 | 61 | 61 | 66 | 50 | 56 |         | 54.4 |  |
|                           | MIN          | 51 | 42 | 35 | 41 | 54 | 38 | 33  | 28 | 29 | 44 | 47 | 39 | 38 | 31 | 28 | 35  | 30 | 31 | 31  | 25 | 20 | 20 | 20 | 24 | 28 | 27 | 29 | 44 | 32 | 28 |         | 33.4 |  |
| BELTSVILLE                | MAX          | 72 | 66 | 63 | 51 | 61 | 62 | 55  | 51 | 53 | 60 | 68 | 60 | 47 | 49 | 54 | 64  | 64 | 49 | 45  | 41 | 40 | 42 | 43 | 51 | 55 | 59 | 60 | 65 | 68 | 46 |         | 55.5 |  |
|                           | MIN          | 49 | 57 | 30 | 35 | 46 | 44 | 35  | 25 | 28 | 37 | 50 | 39 | 37 | 36 | 26 | 33  | 26 | 28 | 37  | 24 | 18 | 24 | 17 | 22 | 24 | 24 | 28 | 31 | 36 | 25 |         | 32.4 |  |
| COLLEGE PARK              | MAX          | 73 | 67 | 64 | 52 | 63 | 64 | 57  | 52 | 54 | 61 | 68 | 63 | 49 | 49 | 56 | 65  | 58 | 49 | 46  | 42 | 39 | 43 | 46 | 49 | 56 | 59 | 61 | 67 | 68 | 51 |         | 56.4 |  |
|                           | MIN          | 52 | 60 | 33 | 37 | 50 | 46 | 38  | 28 | 30 | 41 | 52 | 40 | 38 | 38 | 28 | 42  | 30 | 31 | 37  | 26 | 20 | 20 | 20 | 24 | 27 | 27 | 30 | 41 | 37 | 26 |         | 35.0 |  |
| DALECARLIA RESVR D C      | MAX          |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
|                           | MIN          |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |         |      |  |
| GLENN DALE BELL STN       | MAX          | 70 | 68 | 57 | 65 | 62 | 60 | 54  | 55 | 62 | 68 | 68 | 54 | 52 | 56 | 63 | 62  | 57 | 47 | 45  | 39 | 42 | 44 | 53 | 56 | 60 | 63 | 66 | 70 | 65 | 57 |         | 58.0 |  |
|                           | MIN          | 47 | 52 | 32 | 41 | 52 | 42 | 30  | 23 | 27 | 40 | 46 | 36 | 37 | 37 | 25 | 48  | 24 | 27 | 36  | 23 | 12 | 17 | 17 | 21 | 21 | 23 | 28 | 40 | 36 | 24 |         | 32.1 |  |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                   | DAY OF MONTH      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          | AVERAGE      |
|---------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
|                           | 1                 | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       | 13       | 14       | 15       | 16       | 17       | 18       | 19       | 20       | 21       | 22       | 23       | 24       | 25       | 26       | 27       | 28       | 29       | 30       | 31       |              |
| LAUREL 3 W                | MAX<br>OBS        | 64<br>52 | 65<br>44 | 52<br>33 | 63<br>37 | 60<br>51 | 57<br>37 | 51<br>34 | 52<br>30 | 60<br>36 | 67<br>47 | 60<br>43 | 47<br>34 | 50<br>36 | 54<br>35 | 61<br>36 | 59<br>33 | 50<br>39 | 44<br>34 | 41<br>32 | 38<br>29 | 42<br>21 | 43<br>22 | 62<br>24 | 54<br>29 | 59<br>36 | 59<br>34 | 65<br>34 | 69<br>39 | 68<br>35 | 55<br>30 | 55.7<br>35.2 |
| NATIONAL ARBORETUM D C    | MAX<br>MIN        | 63<br>49 | 65<br>48 | 63<br>33 | 55<br>35 | 63<br>47 | 64<br>45 | 58<br>38 | 52<br>26 | 53<br>26 | 61<br>29 | 69<br>43 | 62<br>39 | 53<br>36 | 50<br>35 | 56<br>27 | 64<br>27 | 59<br>29 | 56<br>29 | 50<br>33 | 41<br>25 | 38<br>19 | 43<br>20 | 45<br>19 | 54<br>19 | 54<br>21 | 60<br>25 | 61<br>25 | 62<br>30 | 70<br>35 | 47<br>24 | 56.4<br>31.2 |
| UPPER MARLBORO 3 NNW      | MAX<br>MIN        | 73<br>47 | 68<br>56 | 65<br>34 | 53<br>34 | 63<br>41 | 66<br>45 | 58<br>35 | 52<br>24 | 54<br>27 | 61<br>32 | 68<br>44 | 62<br>40 | 49<br>37 | 50<br>37 | 55<br>25 | 65<br>28 | 59<br>26 | 49<br>27 | 47<br>31 | 41<br>24 | 38<br>18 | 42<br>20 | 44<br>16 | 53<br>21 | 56<br>22 | 59<br>23 | 64<br>26 | 66<br>28 | 69<br>36 | 48<br>24 | 56.6<br>30.9 |
| NORTHERN EASTERN SHORE 05 | MAX<br>MIN<br>OBS | 70<br>60 | 65<br>44 | 62<br>34 | 65<br>39 | 68<br>56 | 60<br>41 | 57<br>37 | 55<br>28 | 62<br>28 | 68<br>43 | 61<br>41 | 59<br>43 | 61<br>32 | 62<br>27 | 60<br>30 | 61<br>45 | 57<br>37 | 59<br>34 | 58<br>30 | 50<br>24 | 54<br>27 | 52<br>19 | 56<br>29 | 55<br>22 | 58<br>26 | 63<br>29 | 61<br>25 | 70<br>39 | 61<br>37 | 51<br>34 | 60.0<br>34.7 |
| CHESTERTOWN               | MAX<br>MIN        | 68<br>52 | 65<br>43 | 54<br>34 | 64<br>41 | 67<br>56 | 57<br>42 | 52<br>34 | 53<br>30 | 61<br>31 | 67<br>47 | 61<br>49 | 50<br>41 | 47<br>39 | 55<br>34 | 62<br>29 | 58<br>39 | 47<br>35 | 46<br>32 | 41<br>31 | 36<br>25 | 42<br>26 | 42<br>22 | 50<br>22 | 53<br>25 | 58<br>29 | 60<br>26 | 62<br>30 | 70<br>49 | 49<br>32 | 53<br>28 | 55.0<br>35.1 |
| NORTHERN CENTRAL 06       | MAX<br>MIN        | 73<br>57 | 65<br>54 |          | 65<br>56 | 62<br>48 | 52<br>38 | 51<br>33 | 59<br>32 |          |          |          | 48<br>37 | 57<br>34 | 60<br>29 | 58<br>44 |          |          | 41<br>36 | 40<br>25 | 42<br>26 |          | 52<br>20 |          | 58<br>26 | 59<br>29 | 70<br>49 | 66<br>37 | 55<br>27 | M<br>M   |          |              |
| ABERDEEN PHILLIPS FLD     | MAX<br>MIN        | 65<br>56 | 65<br>41 | 54<br>33 | 62<br>43 | 67<br>54 | 58<br>40 | 52<br>37 | 54<br>33 | 59<br>36 | 69<br>48 | 61<br>46 | 48<br>37 | 48<br>36 | 59<br>36 | 65<br>36 | 59<br>36 | 52<br>32 | 44<br>36 | 38<br>29 | 36<br>24 | 40<br>25 | 46<br>25 | 55<br>28 | 60<br>29 | 59<br>36 | 61<br>33 | 59<br>36 | 66<br>49 | 50<br>36 | 58<br>33 | 55.6<br>36.6 |
| BALTIMORE HSO CI          | MAX<br>MIN        | 67<br>47 | 65<br>47 | 56<br>28 | 65<br>33 | 66<br>50 | 60<br>40 | 52<br>31 | 53<br>25 | 58<br>26 | 66<br>40 | 59<br>41 | 58<br>36 | 47<br>32 | 57<br>30 | 60<br>24 | 55<br>38 | 51<br>26 | 47<br>27 | 42<br>31 | 40<br>19 | 42<br>20 | 45<br>18 | 53<br>16 | 55<br>20 | 60<br>38 | 58<br>29 | 62<br>26 | 68<br>38 | 60<br>29 | 54<br>24 | 56.0<br>30.3 |
| BENSON POLICE BARRACKS    | MAX<br>MIN        | 67<br>47 | 65<br>47 | 56<br>28 | 65<br>33 | 66<br>50 | 60<br>40 | 52<br>31 | 53<br>25 | 58<br>26 | 66<br>40 | 59<br>41 | 58<br>36 | 47<br>32 | 57<br>30 | 60<br>24 | 55<br>38 | 51<br>26 | 47<br>27 | 42<br>31 | 40<br>19 | 42<br>20 | 45<br>18 | 53<br>16 | 55<br>20 | 60<br>38 | 58<br>29 | 62<br>26 | 68<br>38 | 60<br>29 | 54<br>24 | 56.0<br>30.3 |
| BOYDS 2 NW                | MAX<br>MIN        | 67<br>54 | 63<br>48 | 51<br>29 | 58<br>38 | 60<br>50 | 55<br>42 | 49<br>35 | 51<br>28 | 57<br>33 | 66<br>42 | 59<br>49 | 50<br>36 | 47<br>35 | 53<br>35 | 61<br>33 | 58<br>46 | 49<br>30 | 45<br>32 | 40<br>31 | 36<br>23 | 40<br>23 | 41<br>21 | 49<br>20 | 55<br>27 | 58<br>37 | 59<br>32 | 62<br>35 | 66<br>49 | 50<br>35 | 54<br>31 | 53.6<br>35.4 |
| CATOCTIN MOUNTAIN PARK    | MAX<br>MIN        | 60<br>42 | 58<br>37 | 44<br>27 | 51<br>33 | 58<br>47 | 53<br>39 | 44<br>30 | 45<br>29 | 52<br>33 | 60<br>41 | 55<br>45 | 45<br>30 | 46<br>35 | 45<br>32 | 51<br>30 | 53<br>39 | 43<br>27 | 40<br>32 | 39<br>29 | 31<br>18 | 34<br>21 | 36<br>18 | 40<br>21 | 47<br>31 | 52<br>36 | 59<br>35 | 60<br>39 | 59<br>47 | 48<br>29 | 48<br>28 | 48.5<br>32.7 |
| CLARKSVILLE 3 NNE         | MAX<br>MIN        | 68<br>48 | 63<br>49 | 51<br>29 | 61<br>30 | 62<br>53 | 57<br>42 | 49<br>32 | 53<br>22 | 59<br>26 | 68<br>41 | 66<br>44 | 54<br>37 | 48<br>31 | 54<br>34 | 62<br>24 | 59<br>36 | 50<br>24 | 47<br>25 | 40<br>36 | 39<br>22 | 40<br>16 | 42<br>17 | 52<br>14 | 55<br>19 | 60<br>20 | 63<br>29 | 63<br>24 | 66<br>37 | 63<br>34 | 56<br>22 | 55.7<br>30.6 |
| CONOWINGO DAM             | MAX<br>MIN        | 65<br>52 | 65<br>43 | 56<br>34 | 61<br>38 | 65<br>54 | 57<br>41 | 51<br>33 | 51<br>30 | 56<br>30 | 64<br>42 | 60<br>47 | 49<br>37 | 48<br>38 | 55<br>33 | 58<br>28 | 56<br>32 | 49<br>29 | 48<br>31 | 42<br>31 | 36<br>26 | 41<br>20 | 41<br>23 | 48<br>20 | 52<br>23 | 54<br>27 | 53<br>26 | 54<br>28 | 67<br>39 | 53<br>30 | 50<br>26 | 53.5<br>33.4 |
| DAMASCUS 2 SW             | MAX<br>MIN        | 63<br>53 | 61<br>42 | 50<br>27 | 57<br>36 | 59<br>50 | 53<br>39 | 49<br>35 | 50<br>29 | 57<br>33 | 65<br>43 | 57<br>47 | 47<br>36 | 46<br>34 | 51<br>33 | 59<br>34 | 56<br>42 | 46<br>27 | 43<br>32 | 40<br>31 | 35<br>22 | 40<br>21 | 40<br>22 | 48<br>24 | 52<br>30 | 57<br>35 | 58<br>33 | 61<br>37 | 65<br>48 | 50<br>33 | 53<br>32 | 52.2<br>34.7 |
| EMMITSBURG 2 SE           | MAX<br>MIN        | 66<br>45 | 63<br>47 | 51<br>25 | 55<br>28 | 60<br>48 | 60<br>36 | 51<br>31 | 49<br>20 | 55<br>25 | 63<br>35 | 60<br>40 | 53<br>36 | 48<br>32 | 54<br>34 | 55<br>22 | 53<br>38 | 49<br>26 | 48<br>30 | 38<br>29 | 37<br>16 | 42<br>17 | 42<br>14 | 47<br>12 | 53<br>16 | 55<br>18 | 57<br>18 | 60<br>22 | 66<br>48 | 54<br>32 | 51<br>29 | 53.2<br>28.7 |
| FREDRICK POLICE BRKS      | MAX<br>MIN        | 66<br>53 | 63<br>50 | 51<br>32 | 56<br>37 | 64<br>51 | 60<br>45 | 51<br>35 | 51<br>26 | 57<br>35 | 65<br>43 | 62<br>53 | 54<br>39 | 48<br>36 | 54<br>36 | 57<br>29 | 57<br>44 | 52<br>31 | 49<br>33 | 40<br>32 | 38<br>24 | 41<br>24 | 43<br>21 | 49<br>21 | 53<br>24 | 57<br>28 | 58<br>28 | 60<br>32 | 66<br>48 | 63<br>35 | 53<br>30 | 54.6<br>35.2 |
| PARKTON 2 SW              | MAX<br>MIN        | 62<br>46 | 62<br>36 | 50<br>28 | 60<br>29 | 63<br>50 | 56<br>33 | 50<br>29 | 50<br>26 | 57<br>30 | 65<br>47 | 58<br>42 | 46<br>35 | 45<br>35 | 55<br>29 | 59<br>30 | 55<br>31 | 48<br>31 | 41<br>32 | 38<br>25 | 35<br>20 | 40<br>17 | 40<br>22 | 51<br>19 | 54<br>26 | 58<br>29 | 59<br>30 | 61<br>32 | 63<br>46 | 47<br>28 | 54<br>26 | 52.7<br>31.3 |
| ROCKVILLE 1 NE            | MAX<br>MIN        | 66<br>53 | 64<br>38 | 50<br>29 | 60<br>34 | 62<br>52 | 54<br>38 | 50<br>29 | 49<br>27 | 56<br>29 | 66<br>46 | 60<br>44 | 44<br>36 | 47<br>36 | 53<br>28 | 63<br>26 | 58<br>30 | 46<br>28 | 42<br>31 | 37<br>29 | 33<br>21 | 40<br>18 | 40<br>20 | 49<br>17 | 54<br>23 | 57<br>27 | 60<br>24 | 62<br>28 | 69<br>38 | 44<br>34 | 53<br>24 | 52.9<br>31.2 |
| TOWSON                    | MAX<br>MIN        | 65<br>53 | 70<br>56 | 69<br>30 | 65<br>39 | 62<br>46 | 64<br>51 | 59<br>44 | 52<br>28 | 56<br>29 | 62<br>30 | 66<br>30 | 53<br>36 | 47<br>36 | 55<br>33 | 60<br>29 | 59<br>33 | 50<br>28 | 49<br>32 | 40<br>33 | 36<br>22 | 40<br>25 | 43<br>22 | 52<br>24 | 55<br>24 | 57<br>25 | 60<br>28 | 60<br>31 | 65<br>34 | 63<br>33 | 55<br>29 | 56.3<br>33.1 |
| UNIONVILLE                | MAX<br>MIN        | 64<br>46 | 63<br>44 | 53<br>26 | 58<br>29 | 60<br>51 | 57<br>37 | 50<br>30 | 52<br>21 | 58<br>26 | 67<br>36 | 61<br>44 | 51<br>37 | 56<br>35 | 55<br>31 | 59<br>23 | 59<br>33 | 48<br>23 | 41<br>24 | 38<br>24 | 35<br>17 | 40<br>12 | 41<br>14 | 51<br>15 | 55<br>17 | 59<br>19 | 61<br>19 | 64<br>23 | 66<br>48 | 50<br>33 | 54<br>22 | 54.6<br>28.6 |
| WESTMINSTER POLICE BRK    | MAX<br>MIN        | 66<br>51 | 62<br>48 | 50<br>29 | 57<br>36 | 58<br>50 | 58<br>40 | 47<br>34 | 47<br>29 | 58<br>36 | 64<br>42 | 62<br>49 | 56<br>36 | 46<br>46 | 52<br>33 | 58<br>33 | 57<br>46 | 50<br>33 | 48<br>33 | 40<br>32 | 35<br>21 | 36<br>21 | 37<br>24 | 47<br>27 | 51<br>30 | 54<br>29 | 59<br>34 | 61<br>37 | 64<br>45 | 60<br>32 | 54<br>30 | 53.1<br>35.0 |
| WOODSTOCK                 | MAX<br>MIN        | 65<br>50 | 63<br>50 | 53<br>30 | 60<br>34 | 60<br>52 | 57<br>42 | 51<br>32 | 52<br>25 | 59<br>28 | 67<br>42 | 61<br>49 | 52<br>37 | 48<br>35 | 55<br>35 | 60<br>25 | 58<br>45 | 49<br>28 | 44<br>29 | 40<br>35 | 36<br>22 | 41<br>19 | 43<br>23 | 52<br>16 | 54<br>21 | 59<br>25 | 62<br>24 | 63<br>28 | 66<br>46 | 61<br>35 | 55<br>24 | 54.9<br>32.9 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                 | DAY OF MONTH |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | AVERAGE |  |  |
|-------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|--|--|
|                         | 1            | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |         |  |  |
| APPALACHIAN MOUNTAIN 07 |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| CUMBERLAND 2            | MAX          | 64 | 60 | 52 | 51 | 63 | 56 | 53 | 54 | 48 | 61 | 58 | 49 | 46 | 55 | 56 | 56 | 50 | 42 | 37 | 37 | 38 | 42 | 52 | 58 | 59 | 60 | 63 | 63 | 48 | 55 |         |  |  |
|                         | MIN          | 46 | 27 | 27 | 40 | 43 | 34 | 26 | 26 | 40 | 42 | 36 | 34 | 35 | 28 | 29 | 30 | 30 | 32 | 21 | 23 | 17 | 17 | 19 | 26 | 26 | 26 | 29 | 36 | 26 | 26 |         |  |  |
| FROSTBURG 2             | MAX          | 62 | 60 | 50 | 43 | 51 | 55 | 41 | 44 | 48 | 44 | 59 | 49 | 30 | 37 | 45 | 59 | 42 | 40 | 35 | 34 | 28 | 30 | 40 | 47 | 49 | 52 | 60 | 61 | 56 | 38 |         |  |  |
|                         | MIN          | 46 | 46 | 24 | 18 | 28 | 36 | 29 | 22 | 21 | 32 | 41 | 29 | 24 | 23 | 23 | 31 | 20 | 18 | 29 | 14 | 9  | 13 | 4  | 20 | 25 | 21 | 31 | 28 | 28 | 27 |         |  |  |
| HAGERSTOWN              | MAX          | 64 | 62 | 50 | 51 | 63 | 58 | 50 | 51 | 55 | 64 | 60 | 49 | 47 | 55 | 55 | 54 | 49 | 44 | 38 | 36 | 40 | 41 | 49 | 56 | 56 | 59 | 61 | 64 | 51 | 54 |         |  |  |
|                         | MIN          | 50 | 45 | 27 | 34 | 47 | 39 | 32 | 25 | 36 | 46 | 49 | 37 | 35 | 32 | 30 | 43 | 28 | 31 | 31 | 24 | 24 | 20 | 22 | 26 | 28 | 28 | 30 | 50 | 34 | 29 |         |  |  |
| HANCOCK FRUIT LAB       | MAX          | 66 | 61 | 59 | 51 | 64 | 62 | 51 | 51 | 53 | 66 | 65 | 56 | 48 | 54 | 54 | 57 | 57 | 50 | 37 | 35 | 39 | 42 | 50 | 58 | 58 | 58 | 55 | 61 | 51 | 52 |         |  |  |
|                         | MIN          | 45 | 41 | 24 | 26 | 47 | 37 | 32 | 21 | 38 | 42 | 46 | 37 | 35 | 30 | 24 | 40 | 27 | 26 | 30 | 19 | 23 | 15 | 15 | 20 | 21 | 20 | 23 | 40 | 32 | 23 |         |  |  |
| ALLEGHENY PLATEAU 08    |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| MC HENRY 2 NW           | MAX          | 65 | 65 | 42 | 42 | 51 | 53 | 52 | 42 | 51 | 52 | 59 | 59 | 27 | 32 | 40 | 56 | 39 | 37 | 37 | 32 | 32 | 24 | 36 | 39 | 45 | 55 | 60 | 60 | 55 | 35 |         |  |  |
|                         | MIN          | 50 | 39 | 23 | 23 | 38 | 34 | 26 | 26 | 28 | 40 | 41 | 24 | 23 | 23 | 23 | 30 | 21 | 20 | 30 | 12 | 13 | 13 | 13 | 20 | 29 | 32 | 36 | 38 | 26 | 25 |         |  |  |
| OAKLAND 1 SE            | MAX          | 71 | 64 | 46 | 49 | 55 | 48 | 44 | 52 | 54 | 62 | 54 | 36 | 33 | 44 | 57 | 48 | 41 | 37 | 34 | 27 | 25 | 38 | 42 | 47 | 54 | 62 | 63 | 57 | 38 | 52 |         |  |  |
|                         | MIN          | 52 | 37 | 24 | 35 | 46 | 32 | 26 | 19 | 38 | 41 | 36 | 26 | 24 | 20 | 23 | 32 | 22 | 21 | 27 | 8  | 21 | -3 | 9  | 18 | 14 | 19 | 26 | 36 | 27 | 19 |         |  |  |
| SAVAGE RIVER DAM        | MAX          | 66 | 66 | 48 | 45 | 49 | 58 | 45 | 45 | 47 | 47 | 63 | 50 | 35 | 38 | 45 | 59 | 43 | 42 | 34 | 37 | 29 | 31 | 34 | 43 | 49 | 47 | 49 | 60 | 59 | 40 |         |  |  |
|                         | MIN          | 48 | 45 | 25 | 27 | 37 | 40 | 30 | 23 | 23 | 39 | 39 | 31 | 29 | 29 | 26 | 28 | 27 | 26 | 30 | 16 | 18 | 9  | 9  | 18 | 23 | 23 | 24 | 28 | 28 | 24 |         |  |  |
|                         | OBS          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| DELAWARE                |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| NORTHERN 01             |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| MIDDLETOWN 1 WSW        | MAX          | 69 | 65 | 53 | 62 | 67 | 63 | 53 | 52 | 61 | 66 | 69 | 62 | 46 | 55 | 64 | 62 | 56 | 58 | 54 | 40 | 41 | 45 | 49 | 54 | 56 | 60 | 61 | 68 | 64 | 55 |         |  |  |
|                         | MIN          | 52 | 52 | 31 | 35 | 55 | 46 | 35 | 27 | 28 | 50 | 47 | 40 | 37 | 35 | 25 | 44 | 29 | 36 | 35 | 21 | 22 | 20 | 17 | 23 | 30 | 26 | 23 | 41 | 35 | 24 |         |  |  |
| NEWARK UNIVERSITY FARM  | MAX          | 66 | 65 | 52 | 64 | 68 | 61 | 57 | 57 | 61 | 68 | 65 | 58 | 47 | 55 | 63 | 63 | 49 | 48 | 41 | 38 | 41 | 43 | 49 | 54 | 58 | 59 | 61 | 68 | 60 | 55 |         |  |  |
|                         | MIN          | 53 | 48 | 30 | 37 | 51 | 47 | 32 | 30 | 29 | 37 | 45 | 40 | 37 | 35 | 26 | 42 | 30 | 31 | 35 | 21 | 22 | 20 | 19 | 23 | 23 | 25 | 27 | 43 | 34 | 25 |         |  |  |
|                         | OBS          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| WILMINGTON WSO AP       | MAX          | 67 | 65 | 51 | 62 | 69 | 58 | 50 | 51 | 57 | 66 | 62 | 48 | 45 | 54 | 62 | 57 | 48 | 47 | 41 | 36 | 41 | 42 | 49 | 53 | 55 | 57 | 56 | 65 | 51 | 54 |         |  |  |
|                         | MIN          | 55 | 38 | 30 | 36 | 56 | 36 | 31 | 26 | 30 | 49 | 47 | 36 | 36 | 31 | 27 | 36 | 32 | 30 | 27 | 17 | 19 | 18 | 20 | 23 | 30 | 26 | 27 | 48 | 33 | 29 |         |  |  |
| WILMINGTON PORTER RESVR | MAX          | 65 | 70 | 50 | 63 | 67 | 72 | 49 | 58 | 58 | 67 | 60 | 48 | 44 | 53 | 60 | 56 | 48 | 46 | 41 | 33 | 40 | 42 | 47 | 50 | 56 | 57 | 56 | 66 | 60 | 52 |         |  |  |
|                         | MIN          | 56 | 41 | 32 | 43 | 56 | 40 | 34 | 32 | 34 | 48 | 47 | 37 | 37 | 36 | 33 | 36 | 29 | 33 | 29 | 24 | 25 | 24 | 26 | 31 | 37 | 33 | 33 | 41 | 34 | 30 |         |  |  |
| SOUTHERN 02             |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |
| BRIDGEVILLE 1 NW        | MAX          | 70 | 66 | 59 | 65 | 68 | 61 | 53 | 54 | 64 | 68 | 68 | 58 | 45 | 55 | 62 | 61 | 53 | 49 | 48 | 40 | 42 | 43 | 52 | 53 | 58 | 61 | 61 | 70 | 64 | 55 |         |  |  |
|                         | MIN          | 48 | 55 | 37 | 39 | 56 | 48 | 33 | 26 | 28 | 42 | 50 | 41 | 37 | 36 | 23 | 50 | 25 | 25 | 37 | 24 | 22 | 22 | 18 | 23 | 18 | 25 | 28 | 48 | 36 | 25 |         |  |  |
| DOVER                   | MAX          | 72 | 69 | 58 | 63 | 69 | 66 | 60 | 52 | 58 | 69 | 66 | 63 | 57 | 56 | 63 | 61 | 54 | 48 | 46 | 41 | 42 | 40 | 49 | 49 | 57 | 59 | 61 | 64 | 61 | 68 |         |  |  |
|                         | MIN          | 54 | 56 | 34 | 44 | 57 | 52 | 36 | 32 | 30 | 47 | 57 | 45 | 38 | 38 | 27 | 49 | 27 | 34 | 37 | 24 | 26 | 25 | 29 | 23 | 32 | 27 | 27 | 46 | 28 | 29 |         |  |  |
| GEORGETOWN 5 SW         | MAX          | 71 | 70 | 69 | 57 | 66 | 68 | 58 | 50 | 53 | 62 | 68 | 69 | 48 | 45 | 54 | 63 | 64 | 62 | 50 | 41 | 37 | 40 | 43 | 51 | 54 | 58 | 60 | 64 | 70 | 45 |         |  |  |
|                         | MIN          | 48 | 53 | 39 | 40 | 56 | 48 | 32 | 30 | 28 | 36 | 51 | 42 | 38 | 37 | 23 | 32 | 30 | 25 | 34 | 24 | 21 | 22 | 16 | 22 | 29 | 27 | 26 | 35 | 38 | 24 |         |  |  |
| LEWES                   | MAX          | 68 | 70 | 58 | 61 | 69 | 64 | 55 | 53 | 64 | 77 | 69 | 60 | 58 | 54 | 65 | 63 | 63 | 60 | 52 | 44 | 41 | 42 | 53 | 53 | 50 | 60 | 66 | 64 | 62 | 57 |         |  |  |
|                         | MIN          | 54 | 54 | 50 | 49 | 58 | 50 | 37 | 42 | 34 | 44 | 45 | 43 | 39 | 37 | 28 | 51 | 41 | 29 | 40 | 28 | 25 | 32 | 21 | 33 | 34 | 28 | 29 | 49 | 38 | 28 |         |  |  |
| MILFORD 4 SE            | MAX          | 65 | 69 | 55 | 63 | 71 | 62 | 52 | 52 | 60 | 69 | 70 | 57 | 46 | 55 | 63 | 62 | 57 | 49 | 43 | 39 | 42 | 43 | 53 | 54 | 54 | 62 | 63 | 69 | 63 | 56 |         |  |  |
|                         | MIN          | 52 | 53 | 40 | 47 | 58 | 49 | 35 | 31 | 30 | 44 | 51 | 42 | 38 | 37 | 27 | 51 | 30 | 27 | 38 | 26 | 24 | 23 | 19 | 26 | 29 | 26 | 28 | 45 | 38 | 26 |         |  |  |
|                         | OBS          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |  |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION   | DAY OF MONTH |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | TOTAL<br>OR<br>AVG           |
|---|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------------|
|   | 1            | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |                              |
| MARYLAND<br>UPPER SOUTHERN 04<br>UPPER MARLBORO 3 NNW | WIND         | 3'  | 3'  | 20' | 5'  | 2'  | 5'  | 17' | 14' | 1'  | 1'  | 21' | 20' | 33' | 40' | 15' | 17' | 26' | 19' | 0'  | 7'  | 15' | 10' | 17' | 4'  | 3'  | 0'  | 2'  | 7'  | 47' | 20' | 394<br>3.188<br>51.6<br>38.7 |
|   | EVAP         | 8'  | 4'  | 12' | 8'  | 2'  | 8'  | 10' | 9'  | 6'  | 7'  | 10' | 13' | 19' | 23' | 17' | 20' | 12' | 15' | -   | -   | -   | -   | -   | -   | -   | 6'  | 4'  | 4'  | 20' | 7'  |                              |
|   | MAX          | 73' | 63' | 59' | 54' | 55' | 63' | 57' | 53' | 52' | 54' | 59' | 57' | 49' | 45' | 51' | 55' | 53' | 43' | 39' | 40' | 42' | 40' | 41' | 43' | 46' | 50' | 50' | 52' | 60' | 49' |                              |
|   | MIN          | 57' | 57' | 39' | 37' | 43' | 49' | 40' | 39' | 37' | 38' | 45' | 43' | 40' | 36' | 36' | 37' | 36' | 36' | 36' | 34' | 32' | 32' | 32' | 32' | 32' | 35' | 35' | 37' | 41' | 37' |                              |

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES  
WIND: IS MEASURED IN MILES  
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN  
SEE REFERENCE NOTES FOLLOWING STATION INDEX

# SNOWFALL AND SNOW ON GROUND (INCHES)

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                   | DAY OF MONTH |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
|---------------------------|--------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|-----|----|
|                           | 1            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  | 31 |
| MARYLAND                  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| UPPER SOUTHERN 04         |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| BALTIMORE WSO AP          |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    | T  | T   |     |    |    |    |    |    |    |    |    |     |    |
| COLLEGE PARK              |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| NORTHERN EASTERN SHORE 05 |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| CHESTERTOWN               |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    | T  | T   |     |    |    |    |    |    |    |    |    |     |    |
| NORTHERN CENTRAL 06       |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| CATOCTIN MOUNTAIN PARK    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    | .2 | 1.6 |     |    |    |    |    |    |    |    |    | 1.3 |    |
| DAMASCUS 2 SW             |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    | T  | 2   | 2   | 2  | 1  | 1  |    |    |    |    |    | 1   |    |
| EMMITSBURG 2 SE           |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | T   | 2.0 |    |    |    |    |    |    |    |    |     |    |
| PARKTON 2 SW //           |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | T   | T   |    |    |    |    |    |    |    |    | 1.5 |    |
| UNIONVILLE                |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| APPALACHIAN MOUNTAIN 07   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| CUMBERLAND 2              |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 3.0 |     |    |    |    |    |    |    |    |    |     |    |
| FROSTBURG 2               |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 3   | 2   | 2  | 1  |    |    |    |    |    |    |     |    |
| HANCOCK FRUIT LAB         |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 8.0 | .2  | .4 | T  |    |    |    |    |    |    | 2.0 | T  |
| ALLEGHENY PLATEAU 08      |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | 7   | 6   | 6  | 5  | 4  | 3  | 2  | 1  | T  |    | 1   | T  |
| MC HENRY 2 NW             |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    | T   | 1.0 |    |    |    |    |    |    |    |    |     |    |
| OAKLAND 1 SE              |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| SAVAGE RIVER DAM          |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| DELAWARE                  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| NORTHERN 01               |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |
| WILMINGTON WSO AP         |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |     |    |

SNOWFALL: INCLUDES SNOW AND ICE  
 SNOW ON GROUND: INCLUDES SNOW, SLEET, ICE AND HAIL  
 WATER EQUIVALENT: GIVEN FOR WSO STATIONS ONLY, WHEN SNOW DEPTH IS 2 INCHES OR MORE.  
 SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| STATION                           | INDEX NO. | DIVISION | COUNTY       | LATITUDE | LONGITUDE | ELEVATION<br>(IN FEET) | OBSERVATION<br>TIME AND<br>TABLES |        |      |                        | OBSERVER                 |
|-----------------------------------|-----------|----------|--------------|----------|-----------|------------------------|-----------------------------------|--------|------|------------------------|--------------------------|
|                                   |           |          |              |          |           |                        | LOCAL STD TIME                    |        |      |                        |                          |
|                                   |           |          |              |          |           |                        | TEMP                              | PRECIP | EVAP | SPECIAL<br>(SEE NOTES) |                          |
| MARYLAND<br>ABERDEEN PHILLIPS FLD | 001506    | R        | HARFORD      | 39 28    | 76 10W    | 57                     | 16                                | 16     |      | C H                    | ROSS AVIATION INC        |
| ANNAPOLIS POLICE BRKS             | 019304    |          | ANNE ARUNDEL | 38 59    | 76 30W    | 25                     | 17                                | 17     |      | H H                    | ANNAPOLIS POLICE BRKS    |
| ASSATEAGUE STATE PARK             | 033501    |          | WORCESTER    | 38 14    | 75 8W     | 7                      | 17                                | 17     |      | H H                    | ASSATEAGUE STATE PARK    |
| BALTIMORE WSO AP                  | 004650    | R        | ANNE ARUNDEL | 39 11    | 76 40W    | 196                    | MID                               | MID    |      | C C                    | NATL WEATHER SERVICE     |
| BALTIMORE WSO CI *                | 004700    | R        | BALTO CITY   | 39 17    | 76 37W    | 91                     | MID                               | MID    |      | H H                    | OCMI COMMANDING OFFICER  |
| BELTSVILLE                        | 070004    |          | PRN GEORGES  | 39 2     | 76 53W    | 120                    | 8                                 | 8      |      | B C                    | U S DEPT OF AGRICULTURE  |
| BENSON POLICE BARRACKS            | 073206    |          | HARFORD      | 39 30    | 76 23W    | 365                    | 17                                | 17     |      |                        | MARYLAND STATE POLICE    |
| BOYDS 2 NW                        | 103206    |          | MONTGOMERY   | 39 13    | 77 20W    | 580                    | 18                                | 18     |      |                        | HUNTER F STALEY          |
| BRIGHTON DAM                      | 112506    |          | MONTGOMERY   | 39 12    | 77 1W     | 330                    |                                   | MID    |      |                        | WASH SUB SANY COMM       |
| CAMBRIDGE WTR TRMT PL             | 138502    |          | DORCHESTER   | 38 34    | 76 4W     | 5                      | 16                                | 16     |      |                        | WASTEWATER TRTMT PLANT   |
| CATOCTIN MOUNTAIN PARK            | 153006    |          | FREDERICK    | 39 39    | 77 29W    | 1610                   | 17                                | 17     |      | C H                    | CATOCTIN MOUNTAIN PARK   |
| CENTREVILLE                       | 162703    |          | QUEEN ANNES  | 39 3     | 76 4W     | 60                     | 17                                | 17     |      | H H                    | MICHAEL B CATE           |
| CHESTERTOWN                       | 175005    |          | KENT         | 39 13    | 76 4W     | 40                     | 23                                | 23     |      | H H                    | THOMAS W ELIASON JR      |
| CLARKSVILLE 3 NNE                 | 186206    |          | HOWARD       | 39 15    | 76 56W    | 365                    | 17                                | 17     |      |                        | UNIVERSITY OF MARYLAND   |
| COLLEGE PARK                      | 199504    |          | PRN GEORGES  | 38 59    | 76 57W    | 90                     | 9                                 | 9      |      | C H                    | UNIVERSITY OF MARYLAND   |
| CONOWINGO DAM                     | 206006    |          | HARFORD      | 39 39    | 76 10W    | 40                     | MID                               | MID    |      | H H                    | SUSQUEHANNA ELECTRIC CO  |
| CUMBERLAND 2                      | 228207    |          | ALLEGANY     | 39 38    | 78 45W    | 730                    | 18                                | 7      |      | H H                    | TIMOTHY B THOMAS         |
| DALECARLIA RESVR D C              | 232504    |          |              | 38 56    | 77 7W     | 146                    | 17                                | 17     |      |                        | U S CORPS OF ENGINEERS   |
| DAMASCUS 2 SW                     | 233506    |          | MONTGOMERY   | 39 16    | 77 14W    | 720                    | 19                                | 19     |      | H H                    | RICHARD W SCHWERDT       |
| DENTON 2 E                        | 252302    |          | CAROLINE     | 38 53    | 75 48W    | 50                     | 17                                | 17     |      | H H                    | ARTHUR REINHOLD          |
| EDGE MONT                         | 277007    |          | WASHINGTON   | 39 40    | 77 33W    | 905                    | 17                                | 17     |      |                        | JOHN W HARNE             |
| EMMITSBURG 2 SE                   | 290606    |          | FREDERICK    | 39 41    | 77 18W    | 416                    | 17                                | 17     |      | H H                    | MRS LUCILLE K BEALE      |
| FREDERICK POLICE BRKS             | 334806    |          | FREDERICK    | 39 25    | 77 26W    | 380                    | 17                                | 17     |      | H H                    | MARYLAND STATE POLICE    |
| FREDERICK 3 E                     | 335506    |          | FREDERICK    | 39 24    | 77 22W    | 385                    | 7                                 | 7      |      |                        | MISS I MARY STALEY       |
| FROSTBURG 2                       | 341507    |          | ALLEGANY     | 39 40    | 78 56W    | 2170                   | 7                                 | 7      |      | H H                    | LEE K CLOSE              |
| GLENN DALE BELL STN               | 367504    |          | PRN GEORGES  | 38 58    | 76 48W    | 150                    | 16                                | 16     |      | H H                    | USDA PLT INTRODUCT STN   |
| HAGERSTOWN                        | 397507    |          | WASHINGTON   | 39 39    | 77 44W    | 660                    | 18                                | 18     |      |                        | HAGERSTOWN RESERVOIR     |
| HANCOCK FRUIT LAB                 | 403007    |          | WASHINGTON   | 39 42    | 78 11W    | 428                    | 16                                | 16     |      | C H                    | SHARPSBURG RESEARCH C    |
| LA PLATA 1 W                      | 508003    |          | CHARLES      | 38 32    | 77 0W     | 140                    | 18                                | 18     |      | H H                    | C RUSSELL LEVERING       |
| LAUREL 3 W                        | 511104    |          | PRN GEORGES  | 39 6     | 76 54W    | 400                    | MID                               | MID    |      |                        | WASH SUB SANY COMM       |
| MC HENRY 2 NW                     | 583208    |          | GARRETT      | 39 35    | 79 22W    | 2680                   | 8                                 | 8      |      | C H                    | JOSEPH F JOHENNING       |
| MECHANICSVILLE 5 NE               | 586503    |          | ST MARYS     | 38 26    | 76 43W    | 100                    | 19                                | 19     |      |                        | SANDRA J HASTING         |
| MERRILL                           | 589408    |          | GARRETT      | 39 36    | 79 55W    | 1790                   | 17                                | 9      |      |                        | DELWOOD E MERRILL        |
| MILLINGTON 2 WNW                  | 598505    |          | KENT         | 39 16    | 75 52W    | 30                     | 17                                | 17     |      | H H                    | INACTIVE 06/25/84        |
| NATIONAL ARBORETUM D C            | 635004    |          |              | 38 54    | 76 59W    | 50                     | 8                                 | 8      |      | H H                    | U S NATL ARBORETUM       |
| OAKLAND 1 SE                      | 662008    |          | GARRETT      | 39 24    | 79 24W    | 2420                   | 17                                | 17     |      | H H                    | BEA J CROSCO             |
| OWINGS FERRY LANDING              | 677003    |          | CALVERT      | 38 41    | 76 40W    | 160                    | 17                                | 17     |      | H H                    | JAMES C RASMUSSEN        |
| PARKTON 2 SW                      | 684406    |          | BALTIMORE    | 39 38    | 76 42W    | 600                    | 23                                | 23     |      | C H                    | JOHN R FOX               |
| PATUXENT RIVER                    | 691503    |          | ST MARY'S    | 38 20    | 76 25W    | 38                     | MID                               | MID    |      | C C                    | NAVAL WEATHER SERVICE    |
| POTOMAC FILTER PLANT              | 727206    |          | MONTGOMERY   | 39 2     | 77 15W    | 270                    |                                   | 8      |      |                        | POTOMAC WATER FILT PLT   |
| PRINCESS ANNE                     | 733001    |          | SOMERSET     | 38 13    | 75 41W    | 20                     | 17                                | 17     |      | H H                    | UNIVERSITY MARYLAND EAST |
| ROCKYVILLE 1 NE                   | 770506    |          | MONTGOMERY   | 39 6     | 77 6W     | 440                    | 17                                | 17     |      | H H                    | WASH GAS & LIGHT CO      |
| ROYAL OAK 2 SW                    | 780602    |          | TALBOT       | 38 43    | 76 11W    | 10                     | 18                                | 18     |      | H H                    | JOHN L SWAINE JR         |
| SALISBURY                         | 800001    |          | WICOMICO     | 38 22    | 75 35W    | 10                     | 17                                | 17     |      | H H                    | CITY OF SALISBURY        |
| SALISBURY FAA AP *                | 800501    |          | WICOMICO     | 38 20    | 75 31W    | 448                    | MID                               | MID    |      | H H                    | FAA                      |
| SAVAGE RIVER DAM                  | 806508    |          | GARRETT      | 39 31    | 79 8W     | 1495                   | 8                                 | 8      |      | B C                    | U S CORPS OF ENGINEERS   |
| SNOW HILL 4 N                     | 838001    |          | WORCESTER    | 38 14    | 75 23W    | 28                     | 18                                | 18     |      | H H                    | CURTIS E SHOCKLEY        |
| TOWSON                            | 887706    |          | BALTIMORE    | 39 23    | 76 34W    | 390                    | 18                                | 18     |      |                        | BENDIX FRIEZ             |
| UNIONVILLE                        | 903006    |          | FREDERICK    | 39 27    | 77 11W    | 430                    | 18                                | 18     |      | C H                    | GEORGE P VON EIFF JR     |
| UPPER MARLBORO 3 NNW              | 907004    |          | PRN GEORGES  | 38 52    | 76 47W    | 98                     | 8                                 | 8      |      | B H                    | TOBACCO EXP FARM         |
| VIENNA                            | 914002    |          | DORCHESTER   | 38 29    | 75 50W    | 12                     | 18                                | 18     |      | H H                    | DELMARVA POWER & LIGHT   |
| WESTMINSTER POLICE BRK            | 944006    |          | CARROLL      | 39 33    | 76 58W    | 765                    | 17                                | 17     |      |                        | MARYLAND STATE POLICE    |
| WOODSTOCK                         | 975006    |          | BALTIMORE    | 39 20    | 76 52W    | 460                    | 18                                | 18     |      | H H                    | JOHN A HILTZ             |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

| 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) |          |                        |
| DELAWARE               |           |          |            |          |           |                        |                                   |        |      |                        |          |                        |
| BRIDGEVILLE 1 NW       | 1330      | 02       | SUSSEX     | 38 45    | 75 37W    | 50                     | 17                                | 17     |      |                        | H        | WILLIAM M RAY          |
| DOVER                  | 2730      | 02       | KENT       | 39 9     | 75 31W    | 30                     | 17                                | 17     |      |                        |          | STATE DIV OF HIGHWAYS  |
| GEORGETOWN 5 SW        | 3570      | 02       | SUSSEX     | 38 38    | 75 27W    | 45                     | 8                                 | 8      |      | 8 C                    | H H      | UNIV OF DEL SUBSTATION |
| LEWES                  | 5320      | 02       | SUSSEX     | 38 46    | 75 8W     | 15                     | 17                                | 17     |      |                        | H H      | BOARD OF PUBLIC WORKS  |
| MIDDLETOWN 1 WSW       | 5852      | 01       | NEW CASTLE | 39 26    | 75 45W    | 60                     | 16                                | 16     |      |                        | H H      | PIONEER HIBRED CORN CO |
| MILFORD 4 SE           | 5915      | 02       | SUSSEX     | 38 54    | 75 28W    | 30                     | 17                                | 17     |      |                        | H H      | DAVID S SCHLOTT        |
| NEWARK UNIVERSITY FARM | 6410      | 01       | NEW CASTLE | 39 40    | 75 44W    | 90                     | 17                                | 17     |      | 17 C                   | H H      | UNIV OF DELAWARE       |
| WILMINGTON WSO AP      | 9595      | 01       | NEW CASTLE | 39 40    | 75 36W    | 79                     | MID                               | MID    |      |                        | H J      | NATL WEATHER SERVICE   |
| WILMGTON PORTER RESVR  | 9605      | 01       | NEW CASTLE | 39 46    | 75 32W    | 274                    | MID                               | MID    |      |                        | H        | WATER DEPARTMENT       |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES

MARYLAND AND  
DELAWARE  
NOVEMBER 1984

## DEFINITIONS

**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.

**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 indicate 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.

**PRECIPITATION:** Values shown in inches to hundredths 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 inches to tenths are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

**WIND:** (As shown in "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.

**NORMALS:** The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

**DIVISIONS:** Areas within a state of similar climatological characteristics.

**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.

## LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.  
// 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 gage unless indicated by an R.  
G Observations appear in "Soil Temperatures" table.  
J Station also published as a Local Climatological Data publication.  
H Observations appear in "Snowfall and Snow on Ground" table.  
MID Observation time is midnight.  
SR Observation time near sunrise.  
SS Observation time near sunset.  
VAR Observation time varies.  
MO Gage read once monthly, usually the last day.  
OC Gage readings vary from a few weeks to several months.  
WI Gage read weekly or irregularly.  
WM Gage read weekly and last day of month.  
# Thermometers located in a rooftop shelter.

## LETTERS AND SYMBOLS USED IN THE DATA TABLES

BLANK entries in the "Monthly Summarized Data" table indicate no record.  
BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on 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 checks, 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.  
\* Gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. An \* preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).  
V Includes total for previous month(s). (See \* above)  
// 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 gage.

Additional information regarding the climate of this state may be obtained by writing to the National Climatic Data Center, Federal Building, Asheville, N. C. 28801, or to any Weather Service Office near you. Additional precipitation data are contained in the "Hourly Precipitation Data" bulletin for each state, except Alaska.

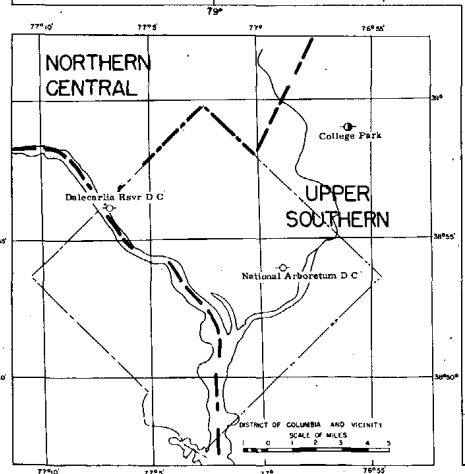
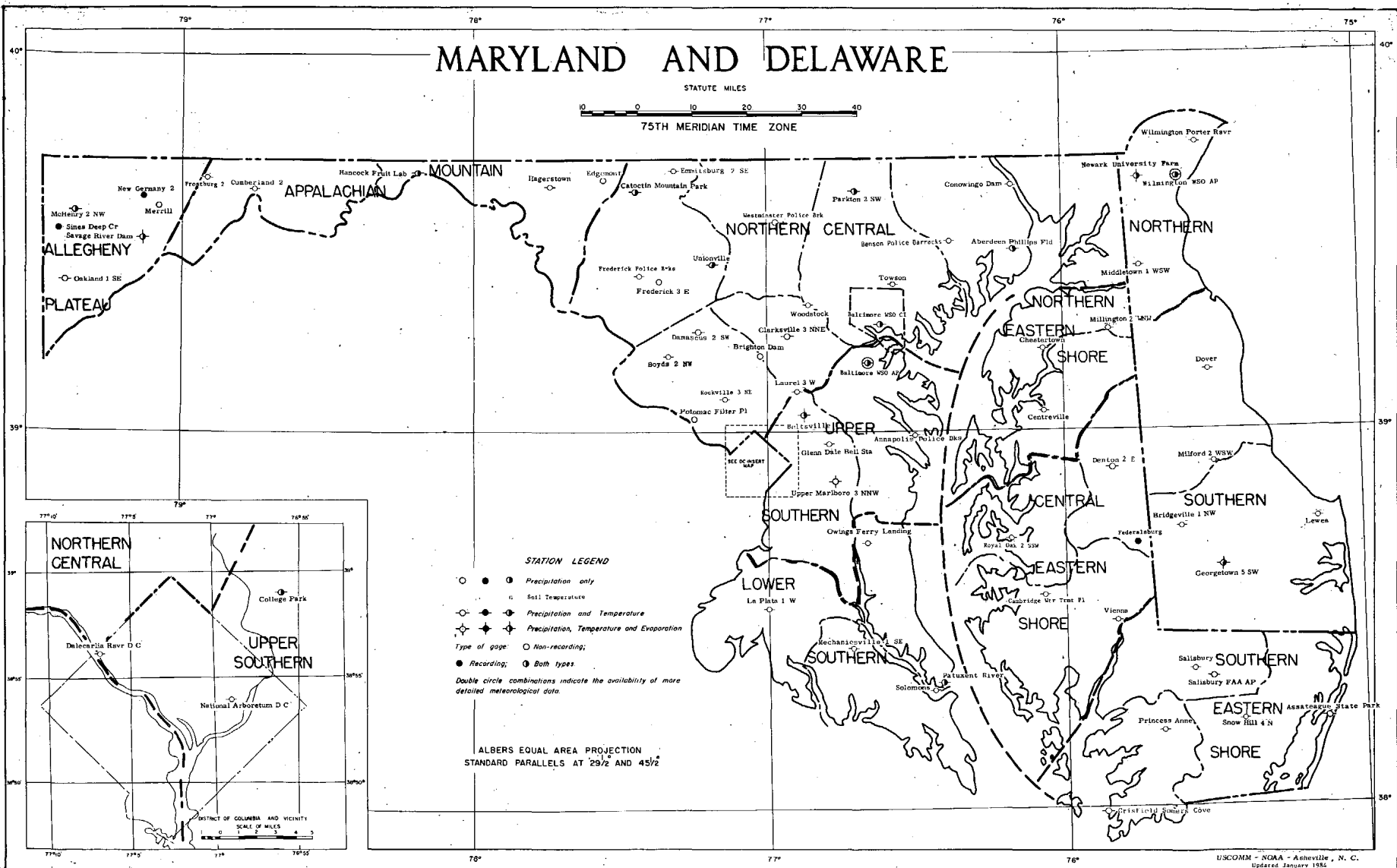
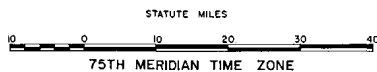
**Seasonal Tables:** Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data will be carried in the July issue of this bulletin. Cooling degree days for the calendar year will be published in the "Climatological Data Annual Summary".

Information concerning the history of changes in locations, exposure, etc. of substations through 1955 is available in the "Substation History" publication. Subsequent historical information is kept on file at the National Climatic Data Center. Similar information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication.

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:  
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USCOMM-NOAA-ASHEVILLE, N.C. NOVEMBER 1984-0895

# MARYLAND AND DELAWARE

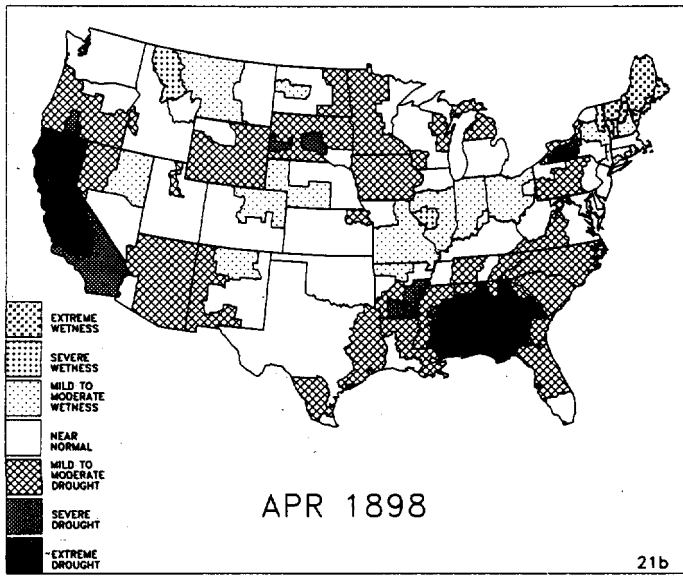
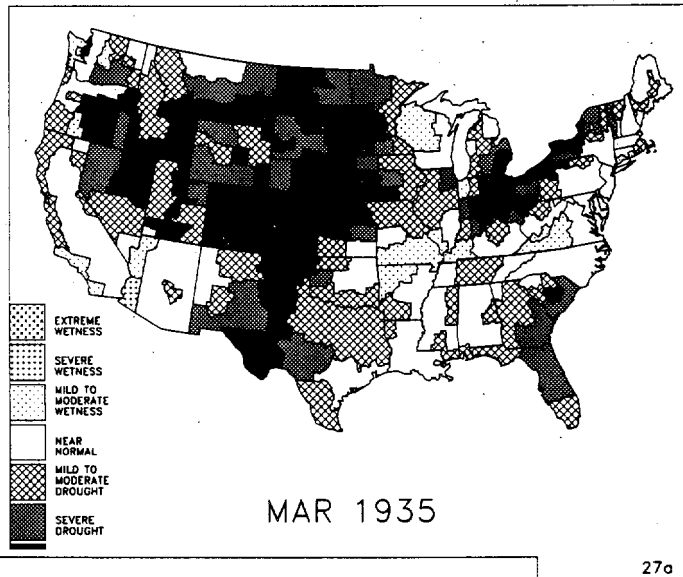
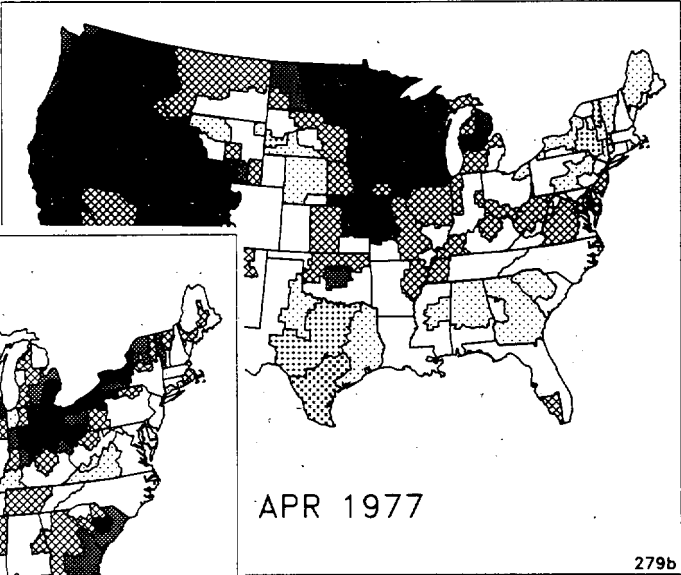


- STATION LEGEND**
- ● ○ Precipitation only
  - ● Soil Temperature
  - ● ○ Precipitation and Temperature
  - ● ○ Precipitation, Temperature and Evaporation
  - Type of gage: ○ Non-recording; ● Recording; ○ ● Both types
- Double circle combinations indicate the availability of more detailed meteorological data.

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The maps contained in these atlases are the result of computer programs written by Richard W. Knight. The contents of the maps and the text were prepared by Thomas R. Karl. The data used in constructing these atlases are available in digital form and can be purchased from:

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