

# CLIMATOLOGICAL DATA

## MARYLAND AND DELAWARE

SEPTEMBER 1982

VOLUME 86      NUMBER 9



"I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF  
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
AND IS COMPILED FROM INFORMATION RECEIVED AT THE  
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"  
28801

*L. Ray Hoyt*

ACTING DIRECTOR  
NATIONAL CLIMATIC CENTER

**noaa**

NATIONAL OCEANIC AND  
ATMOSPHERIC ADMINISTRATION

ENVIRONMENTAL DATA AND  
INFORMATION SERVICE

NATIONAL CLIMATIC CENTER  
ASHEVILLE, NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

MARYLAND  
HIGHEST TEMPERATURE 94  
LOWEST TEMPERATURE 36  
GREATEST TOTAL PRECIPITATION 5.46  
LEAST TOTAL PRECIPITATION 1.05  
GREATEST 1 DAY PRECIPITATION 2.60

DELAWARE  
HIGHEST TEMPERATURE 90  
LOWEST TEMPERATURE 42  
GREATEST TOTAL PRECIPITATION 3.12  
LEAST TOTAL PRECIPITATION 1.25  
GREATEST 1 DAY PRECIPITATION 1.66

SEPTEMBER 2  
SEPTEMBER 20

SEPTEMBER 22

SEPTEMBER 12  
SEPTEMBER 24

SEPTEMBER 27

PRINCESS ANNE  
HANCOCK FRUIT LAB  
PATUXENT RIVER  
CUMBERLAND 2  
PATUXENT RIVER

DOVER  
BRIDGEVILLE 1 NW  
NEWARK UNIVERSITY FARM  
LEWES  
MILFORD 2 HSW

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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<br>MAX | 32 OR BELOW<br>MIN | 32 OR BELOW<br>MIN | 0 OR BELOW<br>MIN |       |                          |                      | TOTAL                   | MAX. DEPTH<br>ON GROUND | DATE | .10 OR MORE |
| MARYLAND                  |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| SOUTHERN EASTERN SHORE 01 |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| ASSATEAGUE STATE PARK     | 78.0               | 60.8               | 69.4    |                          | 87 3            | 50 24          | 2 4                    | 143                    | 0                  | 0                  | 0                  | 0                 | 1.74  |                          | .70 27               | .0                      |                         | 4 2  | 0 0         |
| CRISFIELD SOMERS COVE     | 78.4               | 62.0               | 70.2    | -2.0                     | 85 18           | 55 25          | 4 2                    | 165                    | 0                  | 0                  | 0                  | 0                 | 1.13  | -2.25                    | .54 27               | .0                      |                         | 4 1  | 0 0         |
| PRINCESS ANNE             | 79.7               | 55.3               | 67.5    |                          | 94 22           | 41 24          | 2 2                    | 111                    | 1                  | 0                  | 0                  | 0                 | 1.61  |                          | .65 19               | .0                      |                         | 5 1  | 0 0         |
| SALISBURY                 | 78.5               | 57.7               | 68.6    | -1.2                     | 86 18           | 47 24          | 1 1                    | 129                    | 0                  | 0                  | 0                  | 0                 | 2.17  | -1.53                    | .25 20               | .0                      |                         | 4 4  | 0 0         |
| SALISBURY FAA AP          | 78.4               | 57.8               | 68.1    |                          | 86 18           | 45 24          | 1 2                    | 114                    | 0                  | 0                  | 0                  | 0                 | 2.63  |                          | .09 20               | .0                      |                         | 4 3  | 1 1         |
| SNOW HILL 4 N             | 78.2               | 55.9               | 67.1    | -1.8                     | 87 3            | 42 25          | 3 1                    | 99                     | 0                  | 0                  | 0                  | 0                 | 2.23  | -1.59                    | .85 27               | .0                      |                         | 4 2  | 0 0         |
| --DIVISIONAL DATA-->      |                    |                    | 68.5    | -1.1                     |                 |                |                        |                        |                    |                    |                    |                   | 1.92  | -1.78                    | .0                   |                         |                         |      |             |
| CENTRAL EASTERN SHORE 02  |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| CAMBRIDGE WTR TRMT PL     | 80.9               | 59.4               | 70.2    |                          | 89 20           | 49 29          | 1 0                    | 170                    | 0                  | 0                  | 0                  | 0                 | 1.78  | -1.52                    | .90 27               | .0                      |                         | 4 1  | 0 0         |
| DENTON 2 E                | 79.7               | 52.6               | 66.2    | -2.8                     | 89 12           | 41 24          | 4 9                    | 89                     | 0                  | 0                  | 0                  | 0                 | 1.45  | -2.04                    | .56 27               | .0                      |                         | 4 1  | 0 0         |
| ROYAL OAK 2 SSW           | 78.0               | 58.9               | 68.5    |                          | 86 2            | 48 24          | 1 3                    | 127                    | 0                  | 0                  | 0                  | 0                 | 2.79  |                          | 1.21 22              | .0                      |                         | 4 2  | 2 0         |
| VIENNA                    | 79.6               | 58.2               | 68.9    |                          | 87 18           | 48 24          | 1 1                    | 133                    | 0                  | 0                  | 0                  | 0                 | 1.73  |                          | .65 22               | .0                      |                         | 4 2  | 0 0         |
| --DIVISIONAL DATA-->      |                    |                    | 68.5    | -.9                      |                 |                |                        |                        |                    |                    |                    |                   | 1.94  | -1.47                    | .0                   |                         |                         |      |             |
| LOWER SOUTHERN 03         |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| LA PLATA 1 W              | 77.1               | 57.8               | 67.5    | -1.2                     | 87 2            | 45 24          | 3 3                    | 113                    | 0                  | 0                  | 0                  | 0                 | 2.66  | -.81                     | 1.17 22              | .0                      |                         | 4 2  | 1 0         |
| MECHANICSVILLE 1 SE       | 76.1               | 57.1               | 66.6    |                          | 88 2            | 42 24          | 5 0                    | 106                    | 0                  | 0                  | 0                  | 0                 | 2.76  |                          | .85 22               | .0                      |                         | 6 2  | 0 0         |
| OWINGS FERRY LANDING      | 78.8               | 60.9               | 69.9    |                          | 90 18           | 49 24          | 1 1                    | 164                    | 2                  | 0                  | 0                  | 0                 | 5.46  |                          | 2.60 22              | M                       | M                       | 3 2  | 2 2         |
| PATUXENT RIVER            | 79.0               | 61.9               | 70.5    | -1.5                     | 90 18           | 51 23          | 9                      | 178                    | 2                  | 0                  | 0                  | 0                 | 5.01  | 1.77                     | .0                   | .0                      | .0                      | 3 1  | 1 1         |
| SOLOMONS                  | 79.0               | 61.9               | 70.5    | -1.5                     | 90 18           | 51 23          | 9                      | 178                    | 2                  | 0                  | 0                  | 0                 | 5.01  | 1.77                     | .0                   | .0                      | .0                      | 3 1  | 1 1         |
| --DIVISIONAL DATA-->      |                    |                    | 68.6    | -.6                      |                 |                |                        |                        |                    |                    |                    |                   | 3.97  | .51                      | .0                   |                         |                         |      |             |
| UPPER SOUTHERN 04         |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| ANNAPOLIS POLICE BRKS     | 79.3               | 60.5               | 69.9    | -1.0                     | 87 18           | 49 24          | 1 3                    | 168                    | 0                  | 0                  | 0                  | 0                 | 3.67  | .59                      | 1.78 22              | .0                      |                         | 4 2  | 2 2         |
| BALTIMORE WSO AP          | 77.2               | 57.4               | 67.3    | -1.2                     | 91 2            | 46 24          | 4 2                    | 119                    | 1                  | 0                  | 0                  | 0                 | 3.63  | .51                      | 1.53 22              | .0                      |                         | 5 3  | 1 1         |
| BELTSVILLE                | 79.0               | 54.7               | 66.9    |                          | 89 3            | 42 24          | 4 2                    | 102                    | 0                  | 0                  | 0                  | 0                 | 2.72  |                          | .91 22               | .0                      |                         | 5 2  | 0 0         |
| COLLEGE PARK              | 79.0               | 58.1               | 68.6    | -.1                      | 91 3            | 45 24          | 2 6                    | 140                    | 1                  | 0                  | 0                  | 0                 | 2.38  | -1.01                    | .94 22               | .0                      |                         | 5 2  | 0 0         |
| DALECARLIA RESVR D C      | 79.2               | 55.9               | 67.6    |                          | 89 2            | 44 24          | 3 5                    | 120                    | 0                  | 0                  | 0                  | 0                 | 2.76  |                          | 1.31 22              | .0                      |                         | 4 2  | 1 1         |
| GLENN DALE BELL STN       | 79.8               | 51.8               | 65.8    | -2.0                     | 90 2            | 40 24          | 5 7                    | 87                     | 1                  | 0                  | 0                  | 0                 | 3.08  | -.24                     | 1.33 27              | .0                      |                         | 4 2  | 2 2         |
| LAUREL 3 W                | 74.7               | 58.8               | 66.8    |                          | 85 18           | 49 23          | 3 3                    | 93                     | 0                  | 0                  | 0                  | 0                 | 3.87  |                          | 1.26 22              | .0                      |                         | 5 3  | 2 2         |
| NATIONAL ARBORETUM D C    | 79.4               | 56.0               | 67.7    |                          | 92 3            | 45 24          | 3 2                    | 123                    | 2                  | 0                  | 0                  | 0                 | 2.13  |                          | .82 22               | .0                      |                         | 6 2  | 0 1         |
| UPPER MARLBORO 3 NNW      | 78.4               | 51.8               | 65.1    |                          | 89 3            | 40 24          | 7 2                    | 80                     | 0                  | 0                  | 0                  | 0                 | 2.88  |                          | 1.23 27              | .0                      |                         | 6 2  | 1 1         |
| --DIVISIONAL DATA-->      |                    |                    | 67.3    | -1.0                     |                 |                |                        |                        |                    |                    |                    |                   | 3.01  | -.28                     | .0                   |                         |                         |      |             |
| NORTHERN EASTERN SHORE 05 |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| CENTREVILLE               | 80.3               | 55.4               | 67.9    |                          | 89 2            | 46 5           | 1 6                    | 107                    | 0                  | 0                  | 0                  | 0                 | 2.21  |                          | .70 22               | .0                      |                         | 5 2  | 0 0         |
| CHESTERTOWN               | 78.0               | 56.5               | 67.3    | -2.1                     | 89 13           | 46 24          | 3 2                    | 109                    | 0                  | 0                  | 0                  | 0                 | 2.72  | -.59                     | 1.04 22              | .0                      |                         | 6 2  | 1 1         |
| MILLINGTON 2 NNW          | 78.7               | 54.5               | 66.6    | -1.8                     | 90 12           | 43 24          | 3 9                    | 93                     | 1                  | 0                  | 0                  | 0                 | 2.41  | -.77                     | .99 3                | .0                      |                         | 4 2  | 0 0         |
| --DIVISIONAL DATA-->      |                    |                    | 67.3    | -1.9                     |                 |                |                        |                        |                    |                    |                    |                   | 2.45  | -.92                     | .0                   |                         |                         |      |             |
| NORTHERN CENTRAL 06       |                    |                    |         |                          |                 |                |                        |                        |                    |                    |                    |                   |       |                          |                      |                         |                         |      |             |
| ABERDEEN PHILLIPS FLD     | 78.6               | 57.1               | 67.9    |                          | 87 12           | 43 24          | 2 8                    | 121                    | 0                  | 0                  | 0                  | 0                 | 2.25  |                          | .71 27               | .0                      |                         | 4 2  | 0 0         |
| BALTIMORE WSO CI          | 78.1               | 63.6               | 70.9    | -.2                      | 90 2            | 52 23          | 1 1                    | 192                    | 1                  | 0                  | 0                  | 0                 | 3.28  | .03                      | 1.37 22              | M                       | M                       | 5 3  | 1 1         |
| BENSON POLICE BARRACKS    | 79.2               | 53.3               | 66.3    |                          | 88 16           | 42 24          | 5 1                    | 96                     | 0                  | 0                  | 0                  | 0                 | 3.32  |                          | 1.12 22              | .0                      |                         | 4 4  | 2 1         |
| BOYD 2 NW                 | 77.9               | 54.0               | 66.0    |                          | 89 2            | 42 23          | 5 0                    | 84                     | 0                  | 0                  | 0                  | 0                 | 3.14  |                          | 1.52 22              | .0                      |                         | 4 3  | 2 1         |
| CATOCTIN MOUNTAIN PARK    | 71.1               | 56.3               | 63.7    |                          | 81 2            | 44 23          | 9 2                    | 60                     | 0                  | 0                  | 0                  | 0                 | 3.36  |                          | 2.40 27              | .0                      |                         | 4 1  | 1 1         |

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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     | 1.74  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| CRISFIELD SOMERS COVE     | 1.13  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| PRINCESS ANNE             | 1.61  |              |      |      |      |   |   |   |   |   |    |    | .12 |    |    |    |
| SALISBURY                 | 2.17  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| SALISBURY FAA AP          | 2.63  |              | .02  |      |      |   |   |   |   |   |    |    |     |    |    |    |
| SNOW HILL 4 N             | 2.23  |              | T    |      |      |   |   |   |   |   |    |    |     |    |    |    |
| CENTRAL EASTERN SHORE 02  |       |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| CAMBRIDGE WTR TRMT PL     | 1.78  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| DENTON 2 E                | 1.45  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| ROYAL OAK 2 SSW           | 2.79  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| VIENNA                    | 1.73  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| LOWER SOUTHERN 03         |       |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| LA PLATA 1 W              | 2.66  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| MECHANICSVILLE 1 SE       | 2.76  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| OWINGS FERRY LANDING      | M     | -            | -    | -    | -    | - | - | - | - | - | -  | -  | -   | -  | -  | -  |
| PATUXENT RIVER            | 5.46  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| SOLOMONS                  | 5.01  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| UPPER SOUTHERN 04         |       |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| ANNAPOLIS POLICE BRKS     | 3.67  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| BALTIMORE WSO AP          | 3.63  | .03          | .81  | .30  |      |   |   |   |   |   |    |    |     |    |    |    |
| BELTSVILLE                | 2.72  |              | .01  | .02  |      |   |   |   |   |   |    |    |     |    |    | T  |
| COLLEGE PARK              | 2.38  |              | T    | .29  |      |   |   |   |   |   |    |    |     |    |    |    |
| DALECARLIA RESVR D C      | 2.76  |              |      | .29  |      |   |   |   |   |   |    |    |     |    |    |    |
| GLENN DALE BELL STN       | 3.08  |              |      | .31  |      |   |   |   |   |   |    |    |     |    |    |    |
| LAUREL 3 W                | 3.87  | .04          | 1.26 |      |      |   |   |   |   |   |    |    |     |    |    |    |
| NATIONAL ARBORETUM D C    | 2.13  |              |      | .14  |      |   |   |   |   |   |    |    |     |    |    |    |
| UPPER MARLBORO 3 NNW      | 2.88  |              |      | .16  |      |   |   |   |   |   |    |    |     |    |    |    |
| NORTHERN EASTERN SHORE 05 |       |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| CENTREVILLE               | 2.21  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| CHESTERTOWN               | 2.72  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| MILLINGTON 2 WNW          | 2.41  |              | 1.04 | .52  |      |   |   |   |   |   |    |    |     |    |    |    |
|                           |       |              | T    | .22  |      |   |   |   |   |   |    |    |     |    |    |    |
|                           |       |              | T    | .99  |      |   |   |   |   |   |    |    |     |    |    |    |
| NORTHERN CENTRAL 06       |       |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| ABERDEEN PHILLIPS FLD     | 2.25  | T            | T    | .39  |      |   |   |   |   |   |    |    |     |    |    |    |
| BALTIMORE WSO CI          | 3.28  | .06          | .57  |      |      |   |   |   |   |   |    |    |     |    |    |    |
| BENSON POLICE BARRACKS    | 3.32  |              | .03  | .50  |      |   |   |   |   |   |    |    |     |    |    |    |
| BOYDS 2 NW                | 3.14  |              |      |      |      |   |   |   |   |   |    |    |     |    |    |    |
| BRIGHTON DAM              | 3.15  | T            | .80  | .10  |      |   |   |   |   |   |    |    |     |    |    |    |
| CATOCTIN MOUNTAIN PARK    | 3.36  |              |      | .12  | .02  |   |   |   |   |   |    |    |     |    |    |    |
| CLARKSVILLE 3 NNE         | 2.86  | T            | .01  | .35  |      |   |   |   |   |   |    |    |     |    |    |    |
| CONOWINGO DAM             | 3.33  |              | .03  | .48  |      |   |   |   |   |   |    |    |     |    |    |    |
| DAMASCUS 2 SW             | 3.44  |              | .16  | .14  |      |   |   |   |   |   |    |    |     |    |    |    |
| EMMITSBURG 2 SE           | 2.84  |              | .07  | .02  | .44  |   |   |   |   |   |    |    |     |    |    |    |
| FREDRICK POLICE BRKS      | 3.04  |              |      | .70  |      |   |   |   |   |   |    |    |     |    |    |    |
| FREDERICK 3 E             | 3.39  |              |      | .63  |      |   |   |   |   |   |    |    |     |    |    |    |
| PARKTON 2 SW              | 4.10  | .11          | 1.15 |      |      |   |   |   |   |   |    |    |     |    |    |    |
| POTOMAC FILTER PLANT      | 5.26  | .02          | 2.00 | .08  |      |   |   |   |   |   |    |    |     |    |    |    |
| ROCKVILLE 3 NE            | 3.79  |              |      | 1.40 |      |   |   |   |   |   |    |    |     |    |    |    |
| TOWSON                    | 3.76  |              |      | .03  | .28  |   |   |   |   |   |    |    |     |    |    |    |
| UNIONVILLE                | 3.98  |              |      | .08  | 1.25 |   |   |   |   |   |    |    |     |    |    |    |
| WESTMINSTER POLICE BRK    | 3.67  |              |      | .07  | .72  |   |   |   |   |   |    |    |     |    |    |    |
| WOODSTOCK                 | 2.76  | .01          | .06  | .16  |      |   |   |   |   |   |    |    |     |    |    |    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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     |              |    |     | .05 | .60  | .02 | .22  |     |    |     | .05  | .70  |    |     | .10 |    |
| CRISFIELD SOMERS COVE     |              |    |     |     | .16  | .03 | .18  | .01 |    |     | .21  | .54  |    |     |     |    |
| PRINCESS ANNE             |              |    |     | .65 | .04  | .30 |      |     |    | .15 | .35  |      |    |     |     |    |
| SALISBURY                 |              |    |     |     | 1.25 | .03 | .18  |     |    |     | .10  | .59  |    |     |     |    |
| SALISBURY FAA AP          | T            |    | .02 |     | 1.09 | .22 | .06  |     |    |     | .74  | .50  |    | T   | T   |    |
| SNOW HILL 4 N             |              |    |     | .07 | .73  | .01 | .16  |     |    |     | .04  | .85  |    | .37 |     |    |
| CENTRAL EASTERN SHORE 02  |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| CAMBRIDGE WTR TRMT PL     |              |    |     |     | .25  | .02 | .46  | .05 |    |     | .10  | .90  |    |     |     |    |
| DENTON 2 E                |              |    |     | .02 | .24  | .01 | .31  | .01 |    |     | .04  | .56  | T  |     |     |    |
| ROYAL OAK 2 SSW           |              |    |     | .02 | .07  | T   | 1.21 |     |    |     | .21  | 1.10 |    |     | T   |    |
| VIENNA                    |              |    |     |     | .60  |     | .65  | .03 |    |     | .13  | .32  |    |     |     |    |
| LOWER SOUTHERN 03         |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| LA PLATA 1 W              |              |    |     |     | .90  |     | 1.17 | .03 |    |     | .18  | .38  |    |     |     |    |
| MECHANICSVILLE 1 SE       | -            | -  |     | .06 | .30  | .25 | .85  |     |    |     | .20  | .80  |    | .30 |     |    |
| OWINGS FERRY LANDING      |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| PATUXENT RIVER            |              |    | .07 |     | .37  | T   | 2.60 | .05 |    |     | 2.28 | .09  |    |     | T   |    |
| SOLOMONS                  |              |    |     |     | .22  | T   | 1.72 | .37 |    | *   | *    | 2.70 |    |     |     |    |
| UPPER SOUTHERN 04         |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| ANNAPOLIS POLICE BRKS     |              |    |     |     | .43  |     | 1.78 |     |    |     | .02  | 1.14 |    |     |     |    |
| BALTIMORE WSO AP          |              |    |     |     | .25  |     | 1.53 |     |    |     | .35  | .64  |    |     |     |    |
| BELTSVILLE                |              |    | T   |     | .24  | .08 | .91  | .12 |    |     |      | .89  |    |     |     |    |
| COLLEGE PARK              |              |    |     | T   | .23  | .04 | .94  | .10 |    |     | T    | .76  |    | T   | .01 |    |
| DALECARLIA RESVR D C      |              |    |     |     | .22  |     | 1.31 |     |    |     | .05  | .88  |    |     |     |    |
| GLENN DALE BELL STN       |              |    |     | T   | .25  |     | 1.10 | .04 |    |     | .05  | 1.33 |    |     |     |    |
| LAUREL 3 W                |              |    |     |     | .40  |     | 1.10 |     |    |     | .83  | .24  |    |     |     |    |
| NATIONAL ARBORETUM D C    |              |    |     |     | .22  | .14 | .82  | .16 |    |     |      | .65  |    |     | T   |    |
| UPPER MARLBORO 3 NNW      |              |    |     | .04 | .24  | .10 | .95  | .16 |    |     |      | 1.23 |    |     |     |    |
| NORTHERN EASTERN SHORE 05 |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| CENTREVILLE               |              |    |     | .05 | .40  |     | .70  | .03 |    |     | .10  | .41  |    |     |     |    |
| CHESTERTOWN               |              |    | T   |     | .36  | T   | .52  | .02 |    |     | .25  | .31  |    |     |     |    |
| MILLINGTON 2 WNW          |              | T  |     |     | .35  | .01 | .20  | .01 |    |     |      | .85  |    |     |     |    |
| NORTHERN CENTRAL 06       |              |    |     |     |      |     |      |     |    |     |      |      |    |     |     |    |
| ABERDEEN PHILLIPS FLD     | T            |    |     |     | .57  | .01 | .49  | .02 |    |     |      | .71  |    |     |     |    |
| BALTIMORE WSO CI          |              |    |     |     | .31  |     | 1.37 |     |    |     | .53  | .44  |    |     |     |    |
| BENSON POLICE BARRACKS    |              |    |     |     | .48  |     | 1.12 | .08 |    |     | .02  | 1.07 |    |     |     |    |
| BOYDS 2 NW                |              |    |     |     | .50  | .02 | 1.52 | .03 |    |     | .05  | .90  |    |     |     |    |
| BRIGHTON DAM              |              |    |     | T   | .57  |     | 1.28 |     |    |     | .06  | .34  |    |     |     |    |
| CATOCTIN MOUNTAIN PARK    |              |    | .03 |     | .29  |     | .45  |     |    |     |      | 2.40 |    | .01 |     |    |
| CLARKSVILLE 3 NNE         |              |    | .02 | .01 | .46  | .01 | .94  |     |    |     | .02  | 1.04 |    | T   | T   |    |
| CONOWINGO DAM             | .03          |    |     |     | .49  | T   | .87  | .09 |    |     | .16  | 1.10 |    |     |     |    |
| DAMASCUS 2 SW             |              |    | .02 |     | .42  |     | 1.45 | .02 |    |     | .20  | .98  |    |     |     |    |
| EMMITSBURG 2 SE           |              |    | T   |     | .38  |     | .51  | .12 |    |     |      | 1.25 |    |     | T   |    |
| FREDRICK POLICE BRKS      |              |    | T   |     | .42  |     | .51  | .01 |    |     | T    | 1.25 |    |     | .01 |    |
| FREDERICK 3 E             |              |    |     | T   | .55  | .07 | .66  | .14 |    |     |      | 1.34 |    |     |     |    |
| PARKTON 2 SW              |              |    | T   |     | .32  |     | 1.38 | .02 |    |     | .30  | .82  |    |     |     | T  |
| POTOMAC FILTER PLANT      |              |    | .02 |     | .53  |     | 1.24 | .01 |    |     | .43  | .93  |    |     |     |    |
| ROCKVILLE 3 NE            |              |    |     |     | .30  |     | 1.45 |     |    |     | T    | .60  |    |     |     |    |
| TOWSON                    |              |    |     |     | .57  |     | 1.37 | .07 |    |     | .03  | 1.41 |    |     |     |    |
| UNIONVILLE                |              |    | T   |     | .56  |     | 1.24 |     |    |     | .08  | .77  |    |     |     |    |
| WESTMINSTER POLICE BRK    |              |    | .01 |     | .48  | T   | 1.34 | .10 |    |     |      | .95  |    |     |     |    |
| WOODSTOCK                 |              |    | .01 |     | .35  |     | 1.03 | .03 |    |     | .05  | 1.06 |    |     |     |    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| STATION                           | TOTAL | DAY OF MONTH |     |     |     |   |   |   |   |   |    |    |    |    |    |     |
|-----------------------------------|-------|--------------|-----|-----|-----|---|---|---|---|---|----|----|----|----|----|-----|
|                                   |       | 1            | 2   | 3   | 4   | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15  |
| APPALACHIAN MOUNTAIN CUMBERLAND 2 | 07    | 1.05         | T   |     | .05 |   |   |   |   |   |    |    |    |    |    |     |
| EDGEMONT                          |       | 3.16         |     | .18 | .02 |   |   |   |   |   |    |    |    |    |    |     |
| FROSTBURG 2                       |       | 1.73         | .01 | T   | .20 |   |   |   |   |   |    |    |    |    |    | T   |
| HAGERSTOWN                        |       | 2.57         | .32 |     |     |   |   |   | T |   |    |    |    |    |    | .48 |
| HANCOCK FRUIT LAB                 |       | 2.11         |     |     | .52 |   |   |   | T |   |    |    |    |    |    | T   |
| ALLEGHENY PLATEAU                 | 08    |              |     |     |     |   |   |   |   |   |    |    |    |    |    |     |
| MC HENRY 2 NW                     |       | 3.47         | .18 | .04 | .68 |   |   |   |   |   |    |    |    |    |    | .18 |
| MERRILL                           |       | 2.00         | .11 |     | .27 |   |   |   |   |   |    |    |    |    |    | .10 |
| OAKLAND 1 SE                      |       | 2.63         | .22 | .12 | .18 | T |   |   |   |   |    |    |    |    |    | .24 |
| SAVAGE RIVER DAM                  |       | 1.95         | .20 | .02 | .15 |   |   |   |   |   |    |    |    |    |    | .07 |
| DELAWARE                          |       |              |     |     |     |   |   |   |   |   |    |    |    |    |    |     |
| NORTHERN MIDDLETOWN 1 WSW         | 01    | 2.67         |     | .07 | .76 |   |   |   |   |   |    |    |    |    |    |     |
| NEWARK UNIVERSITY FARM            |       | 3.12         |     |     | .75 |   |   |   |   |   |    |    |    |    |    |     |
| WILMINGTON WSO AP                 | R     | 2.30         | T   | .37 | T   |   |   |   |   |   |    |    |    |    |    |     |
| WILMINGTON PORTER RESVR           |       | 2.55         | .01 | .32 |     |   |   |   |   |   |    |    |    |    |    |     |
| SOUTHERN                          |       |              |     |     |     |   |   |   |   |   |    |    |    |    |    |     |
| BRIDGEVILLE 1 NW                  | 02    | 2.58         |     |     | .74 |   |   |   |   |   |    |    |    |    |    |     |
| DOVER                             |       | 3.06         |     | .08 | .30 |   |   |   |   |   |    |    |    |    |    |     |
| GEORGETOWN 5 SW                   |       | 2.04         |     | .06 | .01 |   |   |   |   |   |    |    |    |    |    |     |
| LEWES                             |       | 1.25         |     |     |     |   |   |   |   |   |    |    |    |    |    |     |
| MILFORD 2 WSW                     |       | 2.99         |     |     | .42 |   |   |   |   |   |    |    |    |    |    |     |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (CONT)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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            |    |     |     | .02 |     | .60 | .03 |    |    |     | .35  |     |     |    |     |
| EDGEMONT                     | .36          |    |     |     | .15 | .07 | .30 | .06 |    |    |     | 2.02 |     |     |    |     |
| FROSTBURG 2                  | .08          |    |     | .02 |     |     | .50 | .17 | T  |    |     | .75  | T   | T   |    |     |
| HAGERSTOWN                   |              |    |     |     | .12 |     | .40 |     |    |    | T   | 1.25 | T   |     |    |     |
| HANCOCK FRUIT LAB            |              |    |     |     |     |     | .29 | .24 |    |    | .02 | 1.04 | T   |     |    |     |
| ALLEGHENY PLATEAU 08         |              |    |     |     |     |     |     |     |    |    |     |      |     |     |    |     |
| MC HENRY 2 NW                | T            |    |     |     | .10 | .85 | .07 | .08 | T  |    | .06 | 1.00 | .12 | .11 |    |     |
| MERRILL                      |              |    |     |     |     |     | .70 | .07 |    |    |     | .74  | .01 |     |    |     |
| OAKLAND 1 SE                 |              |    | .05 | T   |     |     | .78 | T   |    |    | .29 | .55  | .20 | T   |    |     |
| SAVAGE RIVER DAM             |              |    |     | .01 |     |     | .72 | .05 |    |    |     | .71  | .02 | T   |    |     |
| DELAWARE                     |              |    |     |     |     |     |     |     |    |    |     |      |     |     |    |     |
| NORTHERN MIDDLETOWN 1 HSW 01 | T            |    |     |     | .25 | T   | .11 |     |    |    |     | 1.47 |     |     |    |     |
| NEWARK UNIVERSITY FARM       |              |    | *   | *   | .76 | .01 | .11 | .03 |    |    |     | 1.45 |     |     |    |     |
| WILMINGTON WSO AP            | T            |    | T   |     | .70 | .07 | .11 |     |    |    | .40 | .64  | T   | .01 |    |     |
| WILMINGTON PORTER RESVR      | .15          |    |     |     | .59 | .02 | .24 | T   |    |    | .26 | .96  |     | T   |    |     |
| SOUTHERN BRIDGEVILLE 1 NW 02 | .11          |    |     | .03 | .19 |     | .75 | .06 |    |    | .03 | .67  |     |     |    |     |
| DOVER                        | .07          |    |     |     | .56 |     | .60 | .33 |    |    |     | 1.12 |     |     | T  | .03 |
| GEORGETOWN 5 SW              |              |    |     |     | .40 | .05 | .17 | .06 |    |    |     | 1.26 |     |     |    | .02 |
| LEWES                        |              |    |     | .02 | .40 | .01 | .16 |     |    |    | .01 | .63  |     |     |    | .02 |
| MILFORD 2 HSW                |              |    |     | .06 | .28 | T   | .43 | .09 |    |    | T   | 1.66 |     | .03 |    | .02 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX



# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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 78       | 80 | 87 | 85 | 82 | 79 | 78 | 77 | 78 | 78 | 80 | 80 | 82 | 80 | 82 | 80 | 78 | 76 | 79 | 76 | 74 | 74 | 73 | 78 | 72 | 75 | 77 | 78 | 75 | 70 |    |         |  | 78.0 |      |
|                           | MIN 68       | 70 | 70 | 70 | 59 | 58 | 59 | 63 | 58 | 59 | 63 | 58 | 64 | 62 | 60 | 66 | 62 | 53 | 63 | 63 | 62 | 63 | 55 | 50 | 53 | 60 | 52 | 61 | 59 | 60 |    |         |  | 60.8 |      |
| CRISFIELD SOMERS COVE     | MAX 80       | 84 | 83 | 81 | 77 | 82 | 82 | 78 | 76 | 76 | 80 | 83 | 83 | 80 | 80 | 83 | 83 | 85 | 81 | 81 | 72 | 74 | 68 | 74 | 77 | 72 | 73 | 74 | 76 | 73 |    |         |  | 78.4 |      |
|                           | MIN 64       | 72 | 70 | 60 | 57 | 56 | 65 | 60 | 58 | 62 | 69 | 64 | 66 | 65 | 60 | 70 | 65 | 57 | 64 | 61 | 60 | 61 | 58 | 55 | 55 | 57 | 63 | 65 | 60 | 62 |    |         |  | 62.0 |      |
| PRINCESS ANNE             | MAX 82       | 94 | 85 | 82 | 82 | 79 | 76 | 78 | 80 | 84 | 87 | 86 | 84 | 84 | 85 | 82 | 84 | 81 | 84 | 74 | 72 | 71 | 80 | 76 | 69 | 74 | 72 | 75 | 76 | 72 |    |         |  | 79.7 |      |
|                           | MIN 66       | 70 | 72 | 65 | 45 | 49 | 57 | 46 | 49 | 52 | 52 | 56 | 58 | 54 | 62 | 60 | 45 | 62 | 57 | 57 | 61 | 53 | 41 | 43 | 50 | 62 | 52 | 49 | 51 | 62 |    |         |  | 55.3 |      |
| SALISBURY                 | MAX 81       | 83 | 85 | 81 | 77 | 82 | 80 | 74 | 78 | 79 | 84 | 86 | 85 | 83 | 83 | 84 | 80 | 84 | 82 | 74 | 73 | 72 | 71 | 74 | 76 | 70 | 73 | 78 | 75 | 69 |    |         |  | 78.5 |      |
|                           | MIN 67       | 73 | 74 | 56 | 52 | 53 | 56 | 61 | 55 | 56 | 59 | 58 | 62 | 62 | 57 | 65 | 60 | 52 | 62 | 61 | 58 | 60 | 53 | 47 | 49 | 55 | 63 | 57 | 56 | 62 |    |         |  | 58.7 |      |
| SALISBURY FAA AP          | MAX 83       | 85 | 86 | 81 | 77 | 83 | 79 | 75 | 77 | 81 | 86 | 86 | 84 | 82 | 85 | 83 | 78 | 86 | 76 | 74 | 70 | 73 | 71 | 74 | 73 | 72 | 73 | 77 | 73 | 68 |    |         |  | 78.4 |      |
|                           | MIN 68       | 73 | 61 | 55 | 51 | 54 | 54 | 57 | 55 | 54 | 58 | 57 | 60 | 61 | 57 | 64 | 53 | 50 | 61 | 62 | 61 | 62 | 51 | 45 | 58 | 61 | 62 | 56 | 56 | 58 |    |         |  | 57.8 |      |
| SNOW HILL 4 N             | MAX 82       | 85 | 87 | 81 | 75 | 81 | 78 | 74 | 78 | 81 | 86 | 85 | 84 | 81 | 84 | 79 | 78 | 86 | 78 | 76 | 74 | 72 | 70 | 74 | 73 | 69 | 73 | 78 | 74 | 69 |    |         |  | 78.2 |      |
|                           | MIN 68       | 72 | 73 | 55 | 49 | 49 | 50 | 59 | 50 | 49 | 53 | 54 | 57 | 58 | 53 | 67 | 59 | 45 | 60 | 57 | 59 | 62 | 52 | 42 | 42 | 47 | 62 | 58 | 53 | 63 |    |         |  | 55.9 |      |
| CENTRAL EASTERN SHORE 02  |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |      |      |
| CAMBRIDGE WTR TRMT PL     | MAX 85       | 89 | 87 | 84 | 79 | 79 | 83 | 80 | 79 | 85 | 84 | 82 | 87 | 88 | 88 | 87 | 85 | 84 | 88 | 89 | 70 | 68 | 70 | 75 | 74 | 76 | 75 | 77 | 75 | 76 |    |         |  | 80.9 |      |
|                           | MIN 71       | 73 | 72 | 58 | 56 | 53 | 57 | 62 | 56 | 55 | 59 | 58 | 63 | 64 | 59 | 69 | 63 | 54 | 60 | 61 | 60 | 61 | 51 | 51 | 53 | 58 | 58 | 56 | 49 | 62 |    |         |  | 59.4 |      |
| DENTON 2 E                | MAX 84       | 87 | 85 | 82 | 78 | 85 | 81 | 75 | 82 | 83 | 88 | 89 | 88 | 85 | 88 | 88 | 82 | 88 | 79 | 72 | 65 | 66 | 71 | 76 | 77 | 69 | 76 | 79 | 71 | 71 |    |         |  | 79.7 |      |
|                           | MIN 66       | 71 | 68 | 49 | 44 | 45 | 45 | 45 | 52 | 50 | 54 | 53 | 55 | 57 | 52 | 64 | 53 | 44 | 44 | 52 | 55 | 56 | 47 | 41 | 44 | 49 | 56 | 50 | 50 | 58 |    |         |  | 52.6 |      |
| ROYAL OAK 2 SSW           | MAX 82       | 86 | 82 | 80 | 78 | 81 | 84 | 75 | 77 | 80 | 83 | 85 | 83 | 82 | 84 | 85 | 74 | 85 | 77 | 72 | 70 | 65 | 70 | 75 | 78 | 63 | 75 | 76 | 78 | 63 |    |         |  | 78.0 |      |
|                           | MIN 72       | 73 | 69 | 55 | 50 | 51 | 56 | 60 | 56 | 56 | 62 | 59 | 62 | 65 | 61 | 69 | 57 | 52 | 58 | 62 | 57 | 60 | 53 | 48 | 54 | 54 | 62 | 57 | 57 | 60 |    |         |  | 58.9 |      |
| VIENNA                    | MAX 82       | 85 | 85 | 84 | 78 | 84 | 81 | 75 | 78 | 81 | 84 | 86 | 86 | 85 | 87 | 87 | 83 | 87 | 82 | 82 | 72 | 71 | 70 | 75 | 76 | 72 | 74 | 72 | 75 | 70 |    |         |  | 79.6 |      |
|                           | MIN 66       | 67 | 71 | 54 | 52 | 50 | 56 | 60 | 55 | 55 | 58 | 58 | 62 | 63 | 56 | 68 | 59 | 54 | 60 | 62 | 59 | 59 | 62 | 48 | 50 | 50 | 63 | 58 | 55 | 56 |    |         |  | 58.2 |      |
| LOWER SOUTHERN 03         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |      |      |
| LA PLATA 1 W              | MAX 82       | 87 | 80 | 77 | 78 | 81 | 81 | 79 | 76 | 85 | 86 | 85 | 83 | 83 | 83 | 84 | 75 | 86 | 80 | 67 | 66 | 64 | 68 | 73 | 74 | 66 | 73 | 71 | 72 | 67 |    |         |  | 77.1 |      |
|                           | MIN 71       | 73 | 68 | 54 | 51 | 50 | 54 | 63 | 61 | 64 | 56 | 59 | 58 | 62 | 62 | 66 | 55 | 52 | 52 | 60 | 57 | 58 | 48 | 45 | 54 | 53 | 60 | 53 | 53 | 61 |    |         |  | 57.8 |      |
| MECHANICSVILLE 1 SE       | MAX 78       | 88 | 84 | 75 | 72 | 80 | 80 | 75 | 75 | 79 | 80 | 84 | 82 | 80 | 84 | 84 | 82 | 85 | 79 | 68 | 63 | 62 | 66 | 70 | 70 | 70 | 78 | 71 | 70 | 70 |    |         |  | 76.1 |      |
|                           | MIN 68       | 68 | 65 | 59 | 46 | 50 | 66 | 60 | 58 | 52 | 65 | 65 | 60 | 58 | 62 | 66 | 55 | 58 | 50 | 58 | 55 | 55 | 48 | 42 | 45 | 55 | 55 | 56 | 55 | 57 |    |         |  | 57.1 |      |
| OWINGS FERRY LANDING      | MAX          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |      | M    |
|                           | MIN          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |      | M    |
| PATUXENT RIVER            | MAX 85       | 90 | 85 | 79 | 73 | 82 | 83 | 76 | 78 | 84 | 85 | 84 | 82 | 80 | 83 | 85 | 76 | 90 | 77 | 75 | 70 | 66 | 71 | 73 | 76 | 71 | 77 | 76 | 76 | 69 |    |         |  | 78.8 |      |
|                           | MIN 70       | 73 | 67 | 62 | 57 | 57 | 60 | 65 | 62 | 61 | 62 | 61 | 64 | 64 | 63 | 69 | 56 | 56 | 65 | 63 | 60 | 57 | 52 | 49 | 55 | 61 | 61 | 59 | 59 | 58 |    |         |  | 60.9 |      |
| SOLOMONS                  | MAX 84       | 90 | 84 | 81 | 78 | 84 | 84 | 75 | 78 | 84 | 83 | 82 | 81 | 81 | 82 | 86 | 78 | 90 | 75 | 72 | 70 | 70 | 66 | 71 | 76 | 77 | 77 | 78 | 76 | 76 |    |         |  | 79.0 |      |
|                           | MIN 70       | 72 | 72 | 63 | 60 | 61 | 64 | 63 | 61 | 61 | 64 | 65 | 67 | 65 | 64 | 69 | 59 | 61 | 63 | 64 | 59 | 59 | 62 | 48 | 56 | 59 | 57 | 58 | 57 | 60 |    |         |  | 61.9 |      |
| UPPER SOUTHERN 04         |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |  |      |      |
| ANNAPOLIS POLICE BRKS     | MAX 82       | 87 | 86 | 86 | 78 | 81 | 81 | 77 | 78 | 83 | 84 | 86 | 85 | 83 | 84 | 85 | 85 | 87 | 81 | 71 | 67 | 67 | 70 | 71 | 81 | 74 | 76 | 73 | 76 | 74 |    |         |  | 79.3 |      |
|                           | MIN 71       | 73 | 69 | 56 | 54 | 54 | 59 | 64 | 62 | 59 | 62 | 63 | 64 | 65 | 66 | 69 | 61 | 56 | 59 | 62 | 60 | 58 | 49 | 49 | 56 | 59 | 61 | 57 | 58 | 61 |    |         |  | 60.5 |      |
| BALTIMORE WSO AP          | MAX 82       | 91 | 82 | 81 | 81 | 86 | 84 | 69 | 76 | 84 | 85 | 86 | 84 | 81 | 84 | 86 | 73 | 85 | 74 | 65 | 67 | 61 | 69 | 72 | 73 | 67 | 74 | 72 | 75 | 67 |    |         |  | 77.2 |      |
|                           | MIN 71       | 70 | 66 | 55 | 52 | 54 | 61 | 62 | 61 | 57 | 57 | 60 | 61 | 62 | 60 | 68 | 53 | 51 | 52 | 57 | 57 | 54 | 47 | 46 | 54 | 54 | 59 | 53 | 54 | 55 |    |         |  | 57.4 |      |
| BELTSVILLE                | MAX 87       | 83 | 89 | 82 | 80 | 79 | 84 | 81 | 70 | 80 | 84 | 86 | 87 | 85 | 83 | 86 | 88 | 76 | 87 | 76 | 75 | 69 | 59 | 70 | 74 | 74 | 69 | 77 | 74 | 75 |    |         |  | 79.0 |      |
|                           | MIN 62       | 71 | 66 | 50 | 46 | 47 | 48 | 63 | 58 | 53 | 54 | 57 | 57 | 61 | 58 | 67 | 61 | 53 | 47 | 48 | 58 | 55 | 57 | 47 | 42 | 48 | 51 | 51 | 52 | 59 |    |         |  | 54.7 |      |
| COLLEGE PARK              | MAX 88       | 82 | 91 | 83 | 79 | 81 | 84 | 83 | 70 | 77 | 85 | 87 | 88 | 87 | 85 | 85 | 86 | 74 | 86 | 77 | 66 | 71 | 60 | 70 | 74 | 75 | 69 | 76 | 73 | 75 |    |         |  | 79.0 |      |
|                           | MIN 70       | 73 | 69 | 54 | 50 | 51 | 57 | 64 | 60 | 57 | 57 | 60 | 60 | 63 | 61 | 70 | 57 | 50 | 53 | 61 | 57 | 58 | 51 | 45 | 52 | 54 | 58 | 54 | 55 | 62 |    |         |  | 58.1 |      |
| DALECARLIA RESVR D C      | MAX 79       | 89 | 88 | 80 | 80 | 83 | 81 | 80 | 77 | 84 | 86 | 88 | 86 | 86 | 84 | 85 | 83 | 86 | 75 | 73 | 69 | 67 | 70 | 73 | 76 | 72 | 76 | 74 | 75 | 72 |    |         |  | 79.2 |      |
|                           | MIN 67       | 72 | 67 | 52 | 51 | 50 | 57 | 56 | 60 | 57 | 56 | 58 | 60 | 62 | 63 | 66 | 52 | 51 | 49 | 48 | 55 | 54 | 44 | 44 | 50 | 53 | 58 | 52 | 51 | 60 |    |         |  | 55.9 |      |
| GLENN DALE BELL STN       | MAX 87       | 90 | 88 | 82 | 80 | 84 | 84 | 79 | 78 | 83 | 88 | 86 | 88 | 83 | 85 | 86 | 85 | 85 | 81 | 74 | 67 | 66 | 70 | 74 | 75 | 75 | 75 | 75 | 74 | 66 |    |         |  | 79.8 |      |
|                           | MIN 64       | 69 | 63 | 47 | 40 | 42 | 45 | 61 | 55 | 52 | 52 | 53 | 56 | 59 | 56 | 62 | 48 | 41 | 42 | 55 | 54 | 54 | 44 | 40 | 49 | 49 | 50 | 49 | 48 | 54 |    |         |  | 51.8 |      |
| LAUREL 3 W                | MAX 84       | 78 | 78 | 66 | 67 | 72 | 71 | 68 | 73 | 78 | 81 | 81 | 84 | 79 | 79 | 81 | 80 | 85 | 78 | 69 | 70 | 74 | 74 | 65 | 76 | 73 | 75 | 67 | 73 | 75 | 67 |         |  |      | 74.7 |
|                           | MIN 68       | 64 | 65 | 58 | 55 | 65 | 56 | 57 | 65 | 62 | 62 | 63 | 65 | 54 | 63 | 66 | 61 | 55 | 52 | 59 | 56 | 54 | 49 | 50 | 55 | 55 | 59 | 57 | 56 | 58 |    |         |  | 58.8 |      |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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           |              |              |
| NATIONAL ARBORETUM D C    | MAX<br>MIN   | 88<br>61 | 84<br>71 | 92<br>68 | 83<br>54 | 80<br>50 | 82<br>51 | 85<br>54 | 82<br>57 | 72<br>59 | 78<br>59 | 84<br>59 | 88<br>60 | 90<br>61 | 86<br>61 | 85<br>60 | 85<br>62 | 87<br>59 | 76<br>52 | 85<br>50 | 77<br>55 | 68<br>55 | 69<br>57 | 61<br>48 | 71<br>45 | 74<br>46 | 76<br>54 | 69<br>56 | 76<br>53 | 73<br>53 | 75<br>54     | 79.4<br>56.0 |              |
| UPPER MARLBORO 3 NNW      | MAX<br>MIN   | 86<br>60 | 82<br>70 | 89<br>64 | 83<br>48 | 80<br>45 | 78<br>46 | 84<br>50 | 80<br>60 | 76<br>56 | 84<br>52 | 80<br>54 | 85<br>54 | 86<br>55 | 85<br>59 | 87<br>54 | 85<br>61 | 87<br>50 | 76<br>45 | 88<br>45 | 76<br>47 | 65<br>52 | 65<br>53 | 75<br>43 | 65<br>40 | 71<br>40 | 74<br>41 | 75<br>47 | 70<br>54 | 76<br>48 | 75<br>50     | 75<br>51     | 78.4<br>51.8 |
| NORTHERN EASTERN SHORE 05 |              |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |              |              |
| CENTREVILLE               | MAX<br>MIN   | 87<br>60 | 89<br>67 | 85<br>65 | 80<br>50 | 79<br>46 | 83<br>47 | 82<br>54 | 75<br>55 | 83<br>51 | 86<br>57 | 88<br>56 | 87<br>54 | 86<br>57 | 85<br>59 | 87<br>59 | 86<br>67 | 83<br>57 | 87<br>50 | 83<br>49 | 87<br>54 | 70<br>57 | 66<br>59 | 71<br>49 | 71<br>49 | 76<br>49 | 79<br>51 | 73<br>53 | 76<br>61 | 76<br>54 | 75<br>55     | 75<br>59     | 80.3<br>55.4 |
| CHESTERTOWN               | MAX<br>MIN   | 81<br>68 | 88<br>67 | 81<br>62 | 78<br>54 | 79<br>50 | 83<br>52 | 82<br>57 | 72<br>59 | 78<br>57 | 83<br>56 | 86<br>60 | 88<br>58 | 89<br>57 | 84<br>60 | 86<br>58 | 87<br>68 | 73<br>53 | 85<br>51 | 77<br>50 | 65<br>58 | 69<br>56 | 61<br>49 | 69<br>46 | 75<br>46 | 78<br>50 | 68<br>52 | 75<br>61 | 75<br>54 | 78<br>54 | 67<br>58     | 78.0<br>56.5 |              |
| MILLINGTON 2 WNW          | MAX<br>MIN   | 81<br>69 | 87<br>72 | 86<br>66 | 79<br>52 | 78<br>47 | 83<br>49 | 79<br>53 | 79<br>55 | 79<br>59 | 83<br>53 | 84<br>60 | 90<br>58 | 87<br>56 | 85<br>58 | 86<br>57 | 87<br>55 | 78<br>54 | 87<br>45 | 78<br>50 | 68<br>59 | 67<br>55 | 63<br>58 | 70<br>48 | 75<br>43 | 76<br>45 | 71<br>51 | 76<br>50 | 76<br>51 | 68<br>53 | 78.7<br>54.5 |              |              |
| NORTHERN CENTRAL 06       |              |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |              |              |
| ABERDEEN PHILLIPS FLD     | MAX<br>MIN   | 84<br>69 | 86<br>71 | 85<br>66 | 81<br>53 | 77<br>50 | 83<br>54 | 81<br>59 | 75<br>61 | 77<br>59 | 82<br>54 | 84<br>59 | 87<br>60 | 86<br>60 | 83<br>61 | 83<br>59 | 86<br>68 | 86<br>55 | 81<br>48 | 80<br>53 | 70<br>58 | 67<br>56 | 67<br>55 | 69<br>48 | 72<br>43 | 74<br>52 | 73<br>55 | 74<br>60 | 74<br>50 | 76<br>57 | 75<br>60     | 78.6<br>57.1 |              |
| BALTIMORE WSO CI          | MAX<br>MIN   | 82<br>73 | 90<br>72 | 84<br>68 | 80<br>63 | 79<br>58 | 85<br>61 | 80<br>68 | 70<br>65 | 78<br>66 | 85<br>65 | 85<br>67 | 87<br>69 | 85<br>71 | 82<br>70 | 85<br>69 | 88<br>72 | 75<br>62 | 86<br>60 | 74<br>58 | 70<br>61 | 68<br>61 | 62<br>57 | 70<br>55 | 73<br>55 | 76<br>59 | 68<br>64 | 76<br>61 | 68<br>60 | 69<br>62 | 69<br>62     | 78.1<br>63.6 |              |
| BENSON POLICE BARRACKS    | MAX<br>MIN   | 84<br>66 | 86<br>68 | 87<br>64 | 82<br>51 | 79<br>46 | 84<br>49 | 84<br>55 | 75<br>56 | 87<br>53 | 81<br>50 | 87<br>55 | 87<br>55 | 86<br>56 | 84<br>60 | 83<br>56 | 88<br>65 | 86<br>51 | 81<br>45 | 79<br>47 | 73<br>52 | 68<br>52 | 64<br>51 | 68<br>44 | 71<br>42 | 75<br>46 | 75<br>49 | 75<br>54 | 74<br>49 | 71<br>57 | 60<br>60     | 79.2<br>53.3 |              |
| BOYDS 2 NW                | MAX<br>MIN   | 81<br>65 | 89<br>67 | 86<br>64 | 76<br>51 | 79<br>47 | 82<br>51 | 81<br>56 | 77<br>56 | 76<br>58 | 82<br>55 | 85<br>55 | 85<br>59 | 82<br>58 | 81<br>60 | 82<br>60 | 80<br>48 | 80<br>50 | 70<br>50 | 68<br>47 | 65<br>53 | 68<br>42 | 71<br>43 | 79<br>49 | 71<br>50 | 74<br>52 | 76<br>50 | 69<br>52 | 72<br>51 | 69<br>53 | 77.9<br>54.0 |              |              |
| CATOCTIN MOUNTAIN PARK    | MAX<br>MIN   | 73<br>65 | 81<br>66 | 73<br>61 | 70<br>53 | 75<br>52 | 78<br>57 | 80<br>61 | 70<br>58 | 70<br>58 | 75<br>60 | 78<br>62 | 79<br>64 | 79<br>64 | 75<br>63 | 79<br>65 | 76<br>60 | 75<br>55 | 71<br>48 | 68<br>46 | 68<br>58 | 64<br>51 | 64<br>50 | 59<br>44 | 63<br>49 | 67<br>50 | 61<br>52 | 65<br>53 | 65<br>54 | 66<br>53 | 66<br>55     | 71.1<br>56.3 |              |
| CLARKSVILLE 3 NNE         | MAX<br>MIN   | 82<br>69 | 92<br>71 | 90<br>66 | 79<br>47 | 80<br>43 | 84<br>45 | 84<br>50 | 76<br>62 | 78<br>56 | 85<br>51 | 86<br>54 | 89<br>55 | 87<br>54 | 84<br>57 | 83<br>56 | 84<br>63 | 81<br>65 | 84<br>55 | 76<br>43 | 74<br>49 | 67<br>56 | 66<br>45 | 69<br>40 | 74<br>48 | 74<br>48 | 71<br>48 | 74<br>49 | 72<br>49 | 74<br>50 | 73<br>55     | 79.1<br>53.3 |              |
| CONOWINGO DAM             | MAX<br>MIN   | 78<br>69 | 85<br>70 | 80<br>57 | 75<br>52 | 78<br>54 | 83<br>54 | 82<br>60 | 74<br>57 | 75<br>60 | 84<br>57 | 87<br>60 | 85<br>58 | 84<br>60 | 80<br>58 | 82<br>62 | 84<br>58 | 72<br>69 | 82<br>52 | 74<br>50 | 63<br>59 | 68<br>56 | 61<br>56 | 68<br>49 | 73<br>46 | 74<br>52 | 67<br>58 | 74<br>58 | 73<br>58 | 76<br>56 | 67<br>56     | 76.3<br>56.8 |              |
| DAMASCUS 2 SW             | MAX<br>MIN   | 78<br>67 | 87<br>69 | 79<br>65 | 75<br>52 | 78<br>49 | 81<br>53 | 80<br>59 | 68<br>61 | 73<br>59 | 81<br>58 | 85<br>60 | 83<br>61 | 81<br>62 | 81<br>63 | 79<br>63 | 74<br>50 | 79<br>52 | 73<br>49 | 65<br>49 | 67<br>55 | 61<br>44 | 65<br>46 | 71<br>46 | 64<br>53 | 73<br>51 | 64<br>55 | 73<br>55 | 69<br>53 | 67<br>52 | 67<br>54     | 74.9<br>56.5 |              |
| EMMITSBURG 2 SE           | MAX<br>MIN   | 80<br>68 | 90<br>69 | 89<br>65 | 79<br>48 | 77<br>43 | 83<br>45 | 74<br>45 | 76<br>60 | 82<br>56 | 85<br>50 | 86<br>56 | 85<br>55 | 84<br>61 | 84<br>63 | 81<br>49 | 83<br>78 | 74<br>50 | 71<br>47 | 68<br>56 | 67<br>46 | 69<br>41 | 71<br>47 | 72<br>50 | 73<br>50 | 70<br>52 | 72<br>50 | 70<br>55 | 72<br>50 | 70<br>55 | 77.5<br>53.5 |              |              |
| FREDRICK POLICE BRKS      | MAX<br>MIN   | 86<br>69 | 90<br>70 | 89<br>68 | 78<br>54 | 78<br>50 | 82<br>53 | 83<br>57 | 77<br>64 | 76<br>62 | 83<br>59 | 85<br>58 | 86<br>62 | 85<br>61 | 82<br>60 | 85<br>65 | 84<br>50 | 83<br>48 | 78<br>47 | 73<br>47 | 73<br>56 | 70<br>56 | 69<br>47 | 67<br>48 | 71<br>54 | 73<br>55 | 73<br>57 | 73<br>57 | 74<br>55 | 70<br>58 | 70<br>58     | 78.3<br>57.2 |              |
| PARKTON 2 SW              | MAX<br>MIN   | 76<br>67 | 86<br>68 | 79<br>53 | 75<br>49 | 77<br>43 | 81<br>48 | 75<br>55 | 65<br>53 | 74<br>53 | 82<br>58 | 84<br>56 | 85<br>57 | 82<br>58 | 79<br>59 | 81<br>57 | 84<br>60 | 71<br>48 | 81<br>46 | 72<br>44 | 61<br>44 | 66<br>56 | 58<br>53 | 65<br>44 | 69<br>42 | 70<br>50 | 63<br>49 | 72<br>53 | 70<br>51 | 65<br>51 | 65<br>51     | 74.0<br>53.1 |              |
| ROCKVILLE 3 NE            | MAX<br>MIN   | 80<br>65 | 86<br>60 | 84<br>60 | 80<br>50 | 81<br>47 | 80<br>45 | 76<br>44 | 79<br>49 | 75<br>47 | 77<br>40 | 80<br>50 | 80<br>55 | 85<br>56 | 82<br>55 | 83<br>54 | 82<br>48 | 85<br>45 | 80<br>48 | 81<br>50 | 63<br>48 | 68<br>50 | 67<br>40 | 69<br>40 | 72<br>45 | 75<br>40 | 78<br>50 | 75<br>45 | 75<br>50 | 70<br>54 | 77.6<br>49.5 |              |              |
| TOWSON                    | MAX<br>MIN   | 82<br>70 | 88<br>71 | 85<br>67 | 79<br>54 | 78<br>53 | 85<br>55 | 85<br>58 | 74<br>59 | 76<br>59 | 83<br>58 | 86<br>59 | 87<br>61 | 86<br>62 | 86<br>63 | 83<br>53 | 85<br>52 | 81<br>56 | 83<br>49 | 78<br>52 | 71<br>56 | 68<br>55 | 65<br>48 | 69<br>49 | 71<br>54 | 73<br>58 | 74<br>60 | 73<br>56 | 75<br>55 | 71<br>60 | 78.4<br>58.0 |              |              |
| UNIONVILLE                | MAX<br>MIN   | 81<br>68 | 88<br>69 | 84<br>64 | 80<br>47 | 77<br>42 | 81<br>45 | 76<br>50 | 73<br>62 | 75<br>60 | 82<br>52 | 85<br>53 | 86<br>54 | 84<br>57 | 81<br>59 | 83<br>46 | 80<br>47 | 77<br>39 | 72<br>55 | 67<br>55 | 69<br>40 | 65<br>42 | 67<br>40 | 70<br>48 | 74<br>48 | 70<br>55 | 73<br>55 | 70<br>55 | 72<br>50 | 70<br>50 | 76.4<br>52.4 |              |              |
| WESTMINSTER POLICE BRK    | MAX<br>MIN   | 89<br>67 | 86<br>68 | 88<br>65 | 78<br>55 | 78<br>52 | 81<br>55 | 82<br>62 | 75<br>59 | 76<br>57 | 82<br>58 | 84<br>58 | 85<br>64 | 84<br>61 | 83<br>62 | 81<br>60 | 83<br>64 | 82<br>52 | 78<br>47 | 73<br>53 | 73<br>56 | 66<br>53 | 66<br>46 | 69<br>47 | 72<br>53 | 70<br>52 | 71<br>56 | 78<br>55 | 72<br>53 | 71<br>56 | 77.3<br>56.7 |              |              |
| WOODSTOCK                 | MAX<br>MIN   | 81<br>69 | 88<br>71 | 84<br>66 | 77<br>50 | 79<br>47 | 84<br>49 | 79<br>50 | 84<br>62 | 76<br>58 | 85<br>54 | 85<br>54 | 86<br>58 | 83<br>58 | 81<br>58 | 82<br>59 | 84<br>67 | 80<br>52 | 82<br>47 | 75<br>49 | 71<br>59 | 67<br>58 | 69<br>46 | 71<br>43 | 72<br>52 | 69<br>50 | 75<br>58 | 71<br>51 | 74<br>58 | 70<br>53 | 77.3<br>55.5 |              |              |
| APPALACHIAN MOUNTAIN 07   |              |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |              |              |
| CUMBERLAND 2              | MAX<br>MIN   | 87<br>66 | 89<br>60 | 80<br>47 | 79<br>45 | 84<br>46 | 88<br>50 | 82<br>60 | 79<br>62 | 85<br>60 | 84<br>58 | 89<br>59 | 92<br>58 | 92<br>60 | 87<br>63 | 87<br>52 | 83<br>47 | 78<br>42 | 73<br>43 | 76<br>50 | 75<br>50 | 69<br>46 | 60<br>40 | 69<br>41 | 78<br>51 | 69<br>52 | 69<br>52 | 69<br>48 | 75<br>48 | 75<br>50 | 75<br>50     | 79.8<br>52.4 |              |
| FROSTBURG 2               | MAX<br>MIN   | 80<br>58 | 80<br>61 | 80<br>55 | 69<br>47 | 67<br>44 | 74<br>41 | 76<br>50 | 75<br>56 | 77<br>50 | 78<br>54 | 80<br>52 | 82<br>58 | 83<br>56 | 81<br>59 | 77<br>61 | 74<br>45 | 74<br>49 | 65<br>41 | 69<br>48 | 68<br>46 | 64<br>40 | 55<br>40 | 53<br>40 | 62<br>40 | 67<br>48 | 54<br>49 | 61<br>48 | 66<br>47 | 66<br>47 | 70.9<br>49.6 |              |              |
| HAGERSTOWN                | MAX<br>MIN   | 81<br>68 | 90<br>63 | 86<br>64 | 79<br>52 | 80<br>46 | 86<br>51 | 85<br>58 | 73<br>59 | 80<br>61 | 82<br>58 | 85<br>58 | 87<br>60 | 86<br>61 | 85<br>63 | 81<br>66 | 84<br>64 | 81<br>51 | 76<br>53 | 74<br>45 | 74<br>58 | 71<br>50 | 67<br>45 | 66<br>45 | 70<br>45 | 72<br>51 | 70<br>50 | 72<br>54 | 72<br>55 | 71<br>50 | 71<br>53     | 77.8<br>55.5 |              |

SEE REFERENCE NOTES FOLLOWING STATION INDEX  
10

# DAILY TEMPERATURES (°F)

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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   |         |
| HANCOCK FRUIT LAB       | MAX          | 83 | 88 | 85 | 72 | 71 | 81 | 78 | 73 | 78 | 75 | 84 | 86 | 82 | 82 | 81 | 83 | 80 | 72 | 74 | 72 | 70 | 69 | 64 | 70 | 72 | 68 | 70 | 70 | 73 | 73   | 76.0    |
|                         | MIN          | 64 | 63 | 55 | 49 | 40 | 44 | 51 | 56 | 59 | 54 | 51 | 60 | 52 | 55 | 61 | 64 | 54 | 40 | 50 | 36 | 42 | 54 | 42 | 40 | 42 | 47 | 52 | 53 | 46 | 50   | 50.9    |
| ALLEGHENY PLATEAU 08    |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| MC HENRY 2 NW           | MAX          | 77 | 74 | 75 | 65 | 66 | 72 | 73 | 70 | 72 | 75 | 76 | 78 | 80 | 81 | 78 | 75 | 74 | 70 | 68 | 65 | 63 | 65 | 51 | 48 | 63 | 68 | 52 | 55 | 55 | 62   | 68.2    |
|                         | MIN          | 60 | 63 | 52 | 48 | 45 | 47 | 53 | 56 | 56 | 55 | 58 | 58 | 58 | 60 | 62 | 61 | 43 | 44 | 55 | 50 | 49 | 50 | 40 | 41 | 45 | 49 | 48 | 48 | 48 | 48   | 51.7    |
| OAKLAND 1 SE            | MAX          | 75 | 78 | 70 | 70 | 75 | 76 | 74 | 78 | 77 | 78 | 79 | 82 | 82 | 81 | 77 | 75 | 74 | 74 | 70 | 66 | 64 | 58 | 52 | 64 | 70 | 65 | 58 | 58 | 64 | 70   | 71.1    |
|                         | MIN          | 60 | 65 | 55 | 40 | 38 | 45 | 50 | 56 | 53 | 54 | 51 | 51 | 50 | 54 | 62 | 58 | 41 | 44 | 37 | 48 | 46 | 45 | 39 | 37 | 44 | 44 | 50 | 51 | 48 | 51   | 48.9    |
| SAVAGE RIVER DAM        | MAX          | 80 | 79 | 80 | 71 | 70 | 76 | 78 | 75 | 75 | 80 | 78 | 83 | 83 | 84 | 84 | 80 | 78 | 78 | 67 | 69 | 69 | 66 | 55 | 56 | 65 | 70 | 58 | 63 | 63 | 66   | 72.7    |
|                         | MIN          | 62 | 63 | 56 | 47 | 42 | 45 | 47 | 54 | 59 | 56 | 53 | 53 | 55 | 55 | 59 | 60 | 47 | 46 | 40 | 41 | 48 | 48 | 42 | 41 | 41 | 48 | 51 | 53 | 53 | 53   | 50.6    |
| DELAWARE                |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| NORTHERN 01             |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| MIDDLETOWN 1 WSW        | MAX          | 86 | 87 | 87 | 81 | 77 | 81 | 78 | 76 | 78 | 84 | 87 | 85 | 86 | 84 | 86 | 85 | 84 | 86 | 81 | 75 | 67 | 64 | 69 | 75 | 75 | 74 | 75 | 76 | 76 | 71   | 79.2    |
|                         | MIN          | 67 | 70 | 65 | 50 | 46 | 48 | 55 | 58 | 53 | 52 | 59 | 57 | 60 | 61 | 55 | 67 | 54 | 46 | 48 | 58 | 55 | 57 | 56 | 45 | 48 | 52 | 60 | 52 | 54 | 59   | 55.6    |
| NEWARK UNIVERSITY FARM  | MAX          | 85 | 89 | 86 | 80 | 87 | 82 | 81 | 72 | 76 | 83 | 87 | 88 | 88 | 85 | 85 | 85 | 84 | 86 | 79 | 73 | 67 | 64 | 68 | 75 | 73 | 75 | 75 | 76 | 76 | 73   | 79.4    |
|                         | MIN          | 66 | 72 | 66 | 51 | 49 | 50 | 57 | 60 | 54 | 54 | 55 | 58 | 57 | 64 | 59 | 68 | 54 | 47 | 49 | 59 | 55 | 57 | 51 | 45 | 49 | 53 | 61 | 56 | 60 | 56.4 |         |
| WILMINGTON WSO AP       | MAX          | 81 | 88 | 82 | 77 | 77 | 82 | 78 | 70 | 77 | 82 | 86 | 86 | 85 | 81 | 83 | 85 | 73 | 84 | 73 | 64 | 67 | 64 | 69 | 72 | 75 | 71 | 75 | 76 | 76 | 68   | 76.9    |
|                         | MIN          | 70 | 71 | 59 | 53 | 50 | 54 | 58 | 61 | 56 | 58 | 65 | 62 | 61 | 65 | 60 | 67 | 53 | 50 | 52 | 59 | 56 | 59 | 51 | 46 | 52 | 55 | 60 | 54 | 57 | 60   | 57.8    |
| WILMINGTON PORTER RESVR | MAX          | 79 | 87 | 79 | 74 | 78 | 80 | 75 | 71 | 78 | 79 | 83 | 87 | 84 | 86 | 83 | 84 | 73 | 82 | 73 | 63 | 66 | 62 | 68 | 73 | 72 | 69 | 72 | 75 | 74 | 66   | 75.8    |
|                         | MIN          | 66 | 66 | 62 | 52 | 49 | 63 | 59 | 59 | 52 | 60 | 66 | 68 | 61 | 60 | 62 | 60 | 51 | 49 | 49 | 53 | 52 | 54 | 50 | 47 | 54 | 53 | 57 | 52 | 57 | 56   | 56.6    |
| SOUTHERN 02             |              |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |         |
| BRIDGEVILLE 1 NW        | MAX          | 83 | 86 | 83 | 82 | 77 | 84 | 82 | 73 | 80 | 83 | 86 | 88 | 86 | 82 | 87 | 85 | 79 | 88 | 86 | 74 | 65 | 66 | 70 | 75 | 74 | 71 | 76 | 77 | 74 | 68   | 79.0    |
|                         | MIN          | 65 | 71 | 67 | 50 | 46 | 47 | 50 | 57 | 49 | 50 | 53 | 52 | 55 | 58 | 52 | 64 | 56 | 45 | 55 | 58 | 55 | 57 | 49 | 42 | 44 | 52 | 60 | 56 | 52 | 60   | 54.2    |
| DOVER                   | MAX          | 86 | 86 | 87 | 80 | 78 | 82 | 81 | 74 | 77 | 85 | 90 | 90 | 83 | 82 | 84 | 83 | 81 | 88 | 85 | 74 | 66 | 66 | 69 | 74 | 80 | 70 | 75 | 76 | 76 | 73   | 79.4    |
|                         | MIN          | 68 | 71 | 68 | 52 | 57 | 54 | 56 | 59 | 55 | 56 | 64 | 59 | 56 | 60 | 57 | 66 | 58 | 56 | 55 | 60 | 57 | 58 | 52 | 48 | 50 | 52 | 60 | 56 | 57 | 60   | 57.9    |
| GEORGETOWN 5 SW         | MAX          | 84 | 83 | 84 | 84 | 84 | 78 | 80 | 77 | 73 | 78 | 82 | 86 | 87 | 85 | 80 | 85 | 82 | 84 | 87 | 76 | 71 | 67 | 69 | 69 | 75 | 76 | 73 | 74 | 76 | 73   | 78.7    |
|                         | MIN          | 67 | 70 | 57 | 50 | 46 | 45 | 50 | 56 | 48 | 50 | 55 | 62 | 54 | 58 | 53 | 53 | 58 | 45 | 53 | 61 | 58 | 59 | 52 | 43 | 45 | 51 | 61 | 54 | 54 | 57   | 54.2    |
| LEWES                   | MAX          | 85 | 86 | 87 | 81 | 76 | 78 | 80 | 73 | 76 | 85 | 85 | 84 | 82 | 77 | 80 | 78 | 74 | 88 | 83 | 71 | 70 | 68 | 72 | 74 | 74 | 72 | 74 | 74 | 73 | 71   | 77.7    |
|                         | MIN          | 66 | 67 | 69 | 54 | 50 | 52 | 55 | 61 | 53 | 56 | 63 | 59 | 62 | 59 | 56 | 65 | 64 | 50 | 62 | 62 | 60 | 60 | 54 | 58 | 57 | 60 | 64 | 58 | 61 | 63   | 59.3    |
| MILFORD 2 WSW           | MAX          | 83 | 85 | 85 | 80 | 76 | 81 | 80 | 73 | 78 | 85 | 87 | 87 | 86 | 82 | 84 | 82 | 80 | 88 | 87 | 72 | 66 | 66 | 69 | 75 | 73 | 70 | 75 | 77 | 74 | 70   | 78.5    |
|                         | MIN          | 67 | 73 | 70 | 52 | 48 | 49 | 53 | 57 | 50 | 53 | 59 | 56 | 58 | 59 | 53 | 65 | 57 | 46 | 56 | 60 | 52 | 59 | 52 | 45 | 46 | 53 | 62 | 56 | 55 | 62   | 56.1    |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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               |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| UPPER SOUTHERN 04      |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| BELTSVILLE             | WIND         | 6.4 | 5.1 | 3.3 | 2.6 | 1.2 | 1.7 | 1.0 | 3.6 | 1.1 | 8   | 1.9 | 1.2 | 1.3 | 1.7 | 1.2 | 9   | 1.9 | 1.5 | 1.5 | 2.2 | 5   | 2.9 | 1.4 | 2.8 | 1.7 | 1.2 | 5.6 | 1.7 | 1.2 | 3.1 |                    |   |
|                        | EVAP         | 2.3 | 1.1 | 2.5 | 3.0 | 1.8 | 1.9 | 1.6 | 1.8 | 5   | 1.0 | 1.5 | 2.1 | 1.8 | 1.7 | 1.0 | 9   | 2.2 | 2.0 | 1.3 | 2.1 | 4   | 6   | 3   | 1.6 | 1.0 | 4   | 1.1 | 1.4 | 8   | 1.3 |                    |   |
|                        | MAX          | 9.0 | 8.1 | 9.2 | 8.8 | 8.8 | 8.8 | 9.0 | 8.7 | 7.2 | 7.8 | 8.7 | 9.1 | 8.9 | 8.8 | 8.5 | 8.5 | 9.0 | 8.3 | 8.4 | 8.4 | 6.8 | 7.2 | 6.2 | 7.5 | 8.0 | 8.1 | 6.7 | 7.8 | 7.4 | 7.9 |                    |   |
|                        | MIN          | 6.3 | 6.9 | 6.9 | 6.0 | 5.7 | 5.7 | 5.7 | 6.2 | 6.2 | 6.1 | 6.0 | 6.4 | 6.4 | 6.3 | 6.5 | 6.5 | 5.9 | 5.5 | 5.7 | 5.7 | 5.9 | 5.9 | 5.1 | 5.1 | 5.1 | 5.6 | 5.7 | 5.8 | 5.7 | 5.8 |                    |   |
| UPPER MARLBORO 3 NNW   | WIND         | 1.4 | 1.7 | 8   | 1.1 | 4   | 3   | 2   | 1.6 | 2   | 1   | 6   | 3   | 4   | 6   | 6   | 5   | 2.0 | 1.5 | 1.6 | 1.1 | 6   | 9   | 1.0 | 1.1 | 3   | 7   | 3.4 | 4   | 7   | 2.3 |                    |   |
|                        | EVAP         | 1.9 | 1.4 | 2.3 | 2.6 | 2.3 | 1.9 | 2.0 | 1.2 | 8   | 1.2 | 1.5 | 1.6 | 1.7 | 1.4 | 1.3 | 1.0 | 2.3 | 1.9 | 1.7 | 1.3 | 6   | 1.0 | 1   | 1.7 | 1.0 | 1.0 | 2.6 | 1.4 | 1.4 | 1.0 |                    |   |
|                        | MAX          | 8.8 | 8.2 | 9.1 | 8.8 | 8.3 | 8.4 | 8.8 | 8.6 | 7.1 | 7.7 | 8.4 | 8.9 | 9.0 | 8.2 | 8.5 | 8.4 | 8.5 | 8.1 | 8.1 | 8.0 | 6.6 | 6.8 | 6.0 | 7.4 | 7.4 | 7.5 | 6.4 | 7.8 | 7.6 | 7.6 |                    |   |
|                        | MIN          | 6.1 | 6.9 | 7.1 | 6.0 | 5.6 | 5.7 | 5.3 | 5.1 | 6.2 | 6.0 | 6.0 | 6.1 | 6.4 | 6.4 | 6.4 | 6.5 | 6.0 | 5.6 | 5.6 | 5.7 | 5.8 | 5.8 | 5.7 | 5.1 | 5.1 | 5.7 | 5.7 | 5.9 | 5.8 | 5.7 |                    |   |
| ALLEGHENY PLATEAU 08   |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| SAVAGE RIVER DAM       | WIND         | -   | -   | -   | 4.7 | 3.5 | 2.3 | 2.8 | 1.1 | 2.3 | 2.2 | 2.8 | 1.9 | 1.9 | 1.6 | 1.4 | 3.3 | 6.3 | 3.1 | 4.3 | 2.1 | 2.1 | 3.3 | 3.8 | 4.4 | 1.5 | 2.3 | 2.9 | 3.3 | 3.3 | 1.0 |                    |   |
|                        | EVAP         | 5   | 5   | 1.1 | 2.3 | 8   | 0   | 2.6 | 1.3 | 1.1 | 7   | 7   | 1.8 | 1   | 2.6 | 1   | 1.6 | 1.6 | 8   | 1.1 | 1.3 | -   | 1.8 | -   | 6   | -   | 1.2 | 1   | 8   | 1.0 | 5   |                    |   |
|                        | MAX          | 7.8 | 7.9 | 8.5 | 7.1 | 7.7 | 8.4 | 8.3 | 7.5 | 7.8 | 8.0 | 7.8 | 8.2 | 8.5 | 8.5 | 8.1 | 7.9 | 7.8 | 7.9 | 6.0 | 6.9 | 6.6 | 6.0 | 5.5 | 5.5 | 6.0 | 6.8 | 6.3 | 6.1 | 6.1 | 6.8 |                    |   |
|                        | MIN          | 6.1 | 6.5 | 6.0 | 5.2 | 5.0 | 4.9 | 5.0 | 5.8 | 6.0 | 6.1 | 5.8 | 5.8 | 6.0 | 6.1 | 6.4 | 6.4 | 5.2 | 5.1 | 4.6 | 4.6 | 5.2 | 5.1 | 4.6 | 4.6 | 5.2 | 5.2 | 5.2 | 5.7 | 5.4 | 5.3 |                    |   |
| DELAWARE               |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| NORTHERN 01            |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| NEWARK UNIVERSITY FARM | WIND         | 1.4 | 2.7 | *   | *   | 7.2 | 1.0 | 1.8 | 1.6 | 9   | 1.7 | 1.8 | *   | 1.6 | 1.5 | 1.0 | 1.5 | 2.8 | *   | *   | 4.9 | 2.5 | 5.6 | 4.0 | 2.0 | 3.5 | 8.6 | *   | 2.4 | 2.9 | 3.8 |                    |   |
|                        | EVAP         | 1.0 | 1.0 | *   | *   | 5.9 | 1.4 | 1.8 | 9   | 8   | 1.2 | 2.1 | *   | 2.1 | 1.3 | 1.2 | 1.3 | 2.1 | *   | *   | 3.1 | 5   | 3   | 1.0 | 1.0 | 8   | 3   | *   | 3.0 | 1.0 | 1.0 |                    |   |
|                        | MAX          | 8.4 | 9.3 | -   | -   | 9.0 | 8.6 | 9.8 | 7.7 | 7.9 | 8.6 | 9.8 | -   | 8.6 | 8.6 | 8.5 | 8.5 | 8.4 | -   | -   | -   | 6.6 | 6.5 | 7.0 | 8.6 | 7.3 | 7.7 | -   | -   | 7.4 | 7.2 |                    |   |
|                        | MIN          | 6.8 | 6.8 | -   | -   | 5.4 | 5.7 | 5.9 | 6.3 | 5.7 | 5.7 | 6.4 | -   | 6.5 | 6.7 | 6.3 | 6.9 | 5.8 | -   | -   | -   | 5.5 | 5.3 | 5.3 | 4.9 | 5.5 | 5.4 | -   | -   | 5.7 | 5.8 |                    |   |
| SOUTHERN 02            |              |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |                    |   |
| GEORGETOWN 5 SW        | WIND         | 1.7 | 1.3 | 1.0 | 1   | 5.9 | 3.0 | 3.4 | 3.1 | 6.0 | 3.3 | 2.6 | 6.5 | 2.2 | 2.2 | 2.2 | 2.7 | 2.1 | 4.0 | 5.8 | 8.4 | 4.1 | 5.3 | 6.9 | 5.5 | 5.7 | 2.9 | 3.4 | 1.0 | 3.6 | 5.5 | 1.0                | 7 |
|                        | EVAP         | 2.5 | 1.8 | 1.4 | 4.4 | 1.4 | 1.2 | 2.2 | 1.8 | 1.5 | 1.4 | 1.7 | 2.3 | 2.0 | 1.2 | 1.7 | 1.5 | 1.3 | 1.6 | 3.3 | 2.2 | 7   | 2   | 5   | 2.1 | 1.6 | 9   | 1.0 | 2.0 | 1.0 | 1.5 |                    |   |
|                        | MAX          | 8.7 | 8.3 | 8.8 | 8.7 | 8.7 | 8.3 | 8.6 | 8.3 | 7.6 | 8.1 | 8.4 | 8.9 | 8.7 | 8.5 | 8.7 | 8.8 | 7.0 | 8.1 | 8.5 | 7.8 | 7.0 | 6.7 | 8.1 | 7.4 | 7.5 | 7.5 | 7.0 | 7.6 | 7.8 | 7.5 |                    |   |
|                        | MIN          | 6.4 | 6.7 | 6.8 | 6.1 | 6.2 | 5.6 | 6.0 | 6.0 | 5.8 | 5.7 | 5.8 | 6.1 | 6.3 | 6.4 | 6.1 | 6.0 | 6.0 | 5.6 | 5.7 | 5.6 | 6.0 | 6.0 | 5.6 | 5.2 | 5.2 | 5.5 | 5.2 | 6.0 | 5.9 | 5.8 |                    |   |

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



# STATION INDEX

MARYLAND AND  
DELAWARE  
SEPTEMBER 1982

| 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) |                        |                      |
| WESTMINSTER POLICE BRK  | 9440      | 06       | CARROLL    | 39 33    | 76 58W    | 765                    | 17                                | 17     |      |                        | MARYLAND STATE POLICE  |                      |
| WOODSTOCK               | 9750      | 06       | BALTIMORE  | 39 20    | 76 52W    | 460                    | 18                                | 18     |      | H                      | JOHN A HILTZ           |                      |
| 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     |      | H                      | STATE DIV OF HIGHWAYS  |                      |
| GEORGETOWN 5 SW         | 3570      | 02       | SUSSEX     | 38 38    | 75 27W    | 45                     | 8                                 | 8      | 8    | C                      | UNIV OF DEL SUBSTATION |                      |
| LEWES                   | 5320      | 02       | SUSSEX     | 38 46    | 75 8W     | 15                     | 17                                | 17     |      | H                      | BOARD OF PUBLIC WORKS  |                      |
| MIDDLETOWN 1 WSW        | 5852      | 01       | NEW CASTLE | 39 26    | 75 45W    | 60                     | 16                                | 16     |      | H                      | PIONEER HIBREO CORN CO |                      |
| MILFORD 2 WSW           | 5915      | 02       | SUSSEX     | 38 54    | 75 28W    | 30                     | 17                                | 17     |      | H                      | MRS BERNARD FRANKEL    |                      |
| NEWARK UNIVERSITY FARM  | 6410      | 01       | NEW CASTLE | 39 40    | 75 44W    | 90                     | 17                                | 17     | 17   | C                      | H                      | UNIV OF DELAWARE     |
| WILMINGTON WSO AP       | R 9595    | 01       | NEW CASTLE | 39 40    | 75 36W    | 79                     | MID                               | MID    |      | C                      | HJ                     | NATL WEATHER SERVICE |
| WILMINGTON 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  
SEPTEMBER 1982

## DEFINITIONS

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

**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 the time period - 1941-1970. 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 DATA TABLES

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication. No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- \* 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)
- M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. (1-7 missing values for Wind and Evaporation). M appears alone if 10 or more daily values are missing, (8 or more for Wind and Evaporation).
- R Amounts from recording gage.
- T Trace. An amount too small to measure.

## LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

- 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.
- S Station equipped with storage gage. Precipitation measurements made at irregular intervals are published in the annual issue of this bulletin. Data prior to 1977 are published in the "Storage Gage Precipitation" which was discontinued with the 1976 issue.
- 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.
- \$3 Maximum and minimum temperatures are the highest and lowest readings for the calendar day taken from hourly observations.

Additional information regarding the climate of this state may be obtained by writing to the National Climatic 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 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 THRU:  
THE NATIONAL CLIMATIC CENTER, FEDERAL BUILDING, ASHEVILLE N.C. 28801  
ATTN: PUBLICATIONS

M A R Y L A N D   A N D   D E L A W A R E   -   S E P T E M B E R   1 9 8 2

SPECIAL WEATHER SUMMARY

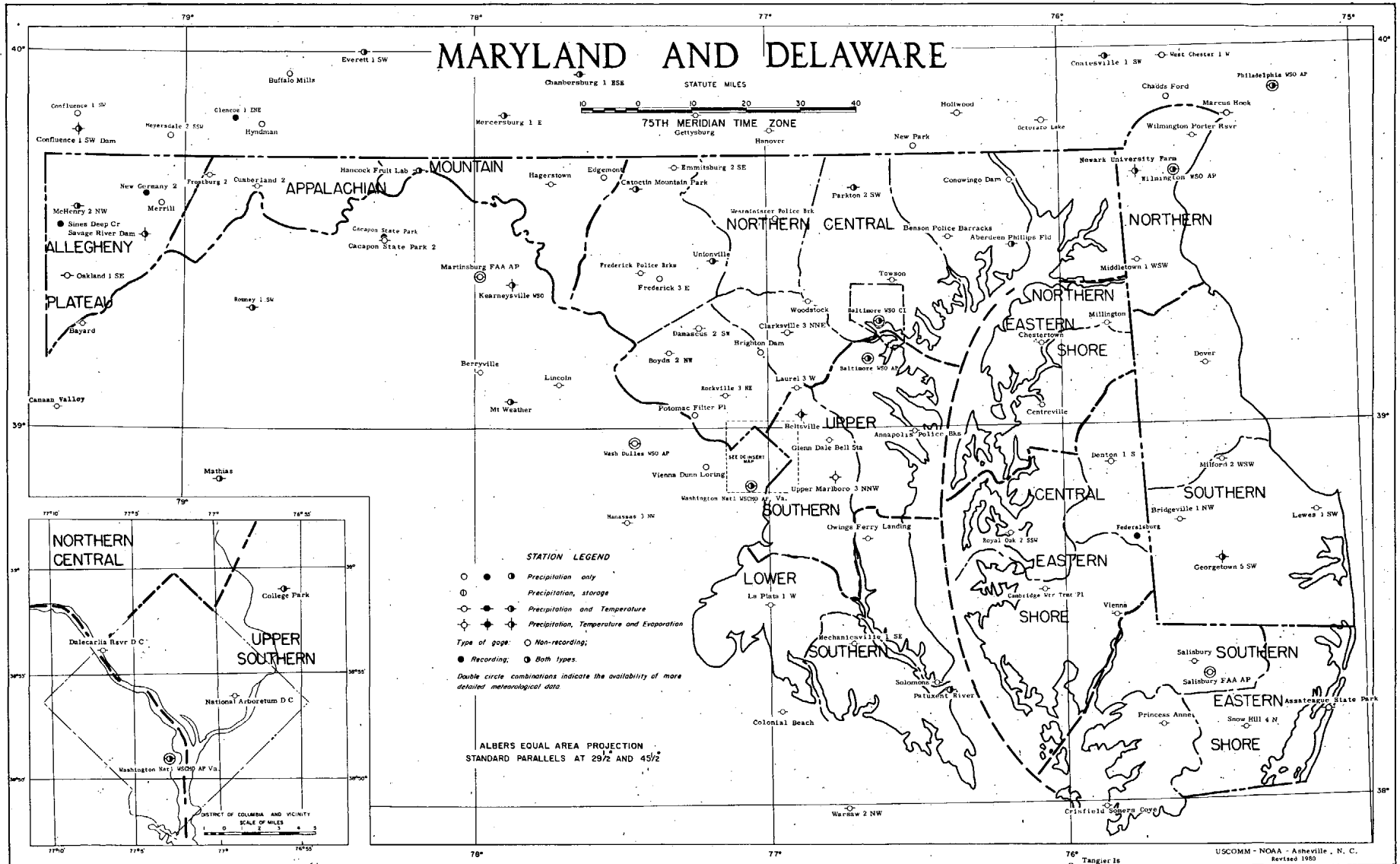
W. M. Moyer  
State Climatologist of Maryland  
University of Maryland  
Department of Agronomy  
College Park, MD 20742

Like August, September was cool and dry. A long dry period, especially in eastern Maryland and in Delaware, began in the middle of August and continued well into September, as indicated by the following rainfall totals (inches) during the 32-day period August 19th - September 19th; Cambridge, .02; Horn Point, .03; North Forestville, .19; Andrews Air Force Base, .19; Georgetown, DE, .20; Royal Oak, .32; Upper Marlboro, .32; Assateague Island, .33; Salisbury, .35; Prince Frederick, .44; Washington DC National Airport, .50; Woodstock, .52; Patuxent NAS, .54; Milford, DE, .54; Clarksville, .63; Owings Mills, .84; and Hancock, .97. Also, many stations reported no measurable rainfall from the 4th of September through the 19th. No significant storms were reported across the two-state area.

Average monthly temperatures were below normal, up to 3°. For Maryland, it was the coolest September since 1976 and for Delaware since 1981. The longest cool period extended from the 19th through the 26th; the longest warm period extended from the 10th through the 16th. Highest temperatures ranged mostly from upper 80's to low 90's, except for 80's in the Garrett County area. Lowest temperatures ranged from upper 30's to mid 40's in the west and from the 40's to low 50's elsewhere. Unlike this past August no temperature 32° or lower was reported in the two-state area.

Rainfall was generally below normal. The exceptions were a few stations with near normal totals in Garrett County and scattered across northern Maryland from Washington County eastward; in Calvert and St. Mary's Counties the two largest totals were recorded: 5.46 inches at Patuxent NAS and 5.01 inches at Solomons. Rainfall on the 22d and 26th-27th comprised most of the month's total. Patuxent NAS recorded 2.60 inches on the 22d and another 2.28 inches on the 26th. This September was the driest since 1980 for Maryland (when the State average was 2.27 inches) and since 1978 for Delaware (when the State average was but 1.10 inches).





# CLIMATE PUBLICATIONS AVAILABLE FROM THE NATIONAL CLIMATIC CENTER, ASHEVILLE, N.C.

## COMPARATIVE CLIMATIC DATA

Presents tables of monthly and annual averages, totals or extreme climate conditions for approximately 300 major population centers. This publication is particularly helpful for comparing temperature, rainfall, snowfall, wind velocities, sunshine, cloudiness and relative humidities for the principal cities. The cities are listed alphabetically by state in two sections: observed data and climatological normals. This is an annual publication.

## STORM DATA

Monthly issue presents a chronological listing, by states, of occurrences of storms and unusual weather phenomena, together with data on the paths of individual storms, deaths, injuries, and estimated property damage, and a brief narrative description of each event. A new section in the bulletin entitled "OUTSTANDING STORMS OF THE MONTH" highlights severe weather and includes descriptive photographs of storms, their tracks, and analyzed maps. The December issue includes annual summaries of tornadoes and lightning and North Atlantic tropical cyclones.

## MONTHLY CLIMATIC DATA FOR THE WORLD

Contains monthly means of temperature, pressure, precipitation, vapor pressure and sunshine for about 2,500 surface data stations worldwide. Also contains monthly mean upper air temperatures, dew point depressions and wind velocities for ten standard levels.

## LOCAL CLIMATOLOGICAL DATA

Published monthly for each first-order station. Presents daily maximum and minimum temperatures, degree day data, precipitation, station pressures, wind statistics, sunshine and sky cover data, as well as 3-hourly data for certain parameters. An annual issue is available summarizing monthly data and including up to 40 years record, and featuring a narrative climatological summary and history of the station.

## CLIMATOLOGICAL DATA

Published monthly for each state. Gives daily temperature and precipitation records, and monthly averages and totals, with departures from normal when available. Also derived statistics such as heating and cooling degree days, counts of days equaling or exceeding given temperature and precipitation thresholds, extremes, etc., are published for cooperative and first-order stations. Evaporation and soil temperature data are given for reporting stations. Seasonal snowfall, heating and cooling degree day tables included in selected tables. Annual summary also available.

## HOURLY PRECIPITATION DATA

Monthly issue presents daily, hourly and maximum short duration data for the recording gage stations for each state except Alaska. The annual issue tabulates monthly and annual totals, and annual maximum precipitation data by selected time categories.

**Comparative Climatic Data**  
For the United States  
1980  
VOLUME 84 NUMBER 13

**Local Climatological Data**  
Annual Summary With Comparative Data  
1980  
CHICAGO, ILLINOIS  
O'HARE INTERNATIONAL AIRPORT

**Local Climatological Data**  
MILWAUKEE, WISCONSIN

**CLIMATOLOGICAL DATA**  
ANNUAL SUMMARY  
JUNE 1981  
CALIFORNIA  
TEMPERATURE AND PRECIPITATION EXTREMES

**MONTHLY CLIMATIC DATA FOR THE WORLD**  
Sponsored by  
World Meteorological Organization  
FEBRUARY 1981  
VOLUME 34 NUMBER 2

**STORM DATA**  
JUNE 1981  
VOLUME 23 NUMBER 6

**HOURLY PRECIPITATION DATA**  
ANNUAL SUMMARY  
JANUARY 1981  
NEW YORK  
Hourly Precipitation Data  
VOLUME 31 NUMBER 1

**A WORLD OF INFORMATION!**  
For . . . . .

- \* Industry
- \* Research & Development
- \* Public Utilities
- \* Governmental Agencies
- \* Attorneys
- \* Construction
- \* Consultants
- \* Insurance Companies
- \* Colleges & Universities
- \* Solar Energy

**FOR MORE INFORMATION WRITE,**  
PRINTING AND PUBLICATIONS  
DISTRIBUTION SECTION  
NATIONAL CLIMATIC CENTER  
ASHEVILLE, N.C. 28801

DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
ENVIRONMENTAL DATA AND INFORMATION SERVICE  
NATIONAL CLIMATIC CENTER  
FEDERAL BUILDING  
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF COMMERCE

COM 210  
**THIRD CLASS**  
**BULK RATE**

