

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JUNE 1983

VOLUME 87 NUMBER 6



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28801

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NATIONAL
OCEANIC AND
ATMOSPHERIC ADMINISTRATION

NATIONAL
ENVIRONMENTAL SATELLITE, DATA
AND INFORMATION SERVICE

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CLIMATIC DATA CENTER
ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JUNE 1983

MARYLAND
HIGHEST TEMPERATURE 99
LOWEST TEMPERATURE 39
GREATEST TOTAL PRECIPITATION 11.27
LEAST TOTAL PRECIPITATION 1.24
GREATEST 1 DAY PRECIPITATION 5.91

JUNE 28
JUNE 2

JUNE 20

LAUREL 3 W
HANCOCK FRUIT LAB
GLENN DALE BELL STN
LA PLATA 1 H
PATUXENT RIVER

DELAWARE
HIGHEST TEMPERATURE 98
LOWEST TEMPERATURE 47
GREATEST TOTAL PRECIPITATION 6.49
LEAST TOTAL PRECIPITATION 3.23
GREATEST 1 DAY PRECIPITATION 3.81

JUNE 27
JUNE 2

JUNE 21

LEWES
MILFORD 2 WSW
GEORGETOWN 5 SW
WILMINGTON PORTER RESVR
DOVER

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | TEMPERATURE (°F) | | | | | | | | | | | PRECIPITATION (IN) | | | | | | | |
|---------------------------|--------------------|--------------------|---------|--------------------------|-----------------|----------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|--------------------|-------|--------------------------|----------------------|------------|----------------------------|------|----------------|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | HIGHEST DATE | LOWEST DATE | HEATING DEGREE DAYS | COOLING DEGREE DAYS | NO. OF DAYS | | | | TOTAL | DEPARTURE FROM NORMAL | GREATEST DAY DATE | SNOW SLEET | | | |
| | | | | | | | | | 90 OR ABOVE MAX | 32 OR BELOW MIN | 32 OR BELOW MIN | 0 OR BELOW | | | | TOTAL | MAX. DEPTH ON GROUND | DATE | .10 OR MORE |
| MARYLAND | | | | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | 79.0 | 61.5 | 70.3 | | 89 24 | 46 5 | 14 | 179 | 0 | 0 | 0 | 0 | 2.22 | -1.28 | 7529 | .0 | .0 | .0 | 5 2 0 |
| PRINCESS ANNE | 83.2 | 57.6 | 70.4 | -1.3 | 92 14 | 46 2 | 7 | 174 | 5 | 0 | 0 | 0 | 2.12 | -1.28 | 7220 | .0 | .0 | .0 | 5 2 0 |
| SALISBURY | 83.0 | 61.4 | 72.2 | -1.4 | 92 14 | 52 30+ | 2 | 226 | 2 | 0 | 0 | 0 | 4.09 | -1.43 | 1.4021 | .0 | .0 | .0 | 6 7 4 |
| SALISBURY FAA AP | 80.9 | 60.1 | 70.5 | -1.1 | 89 14+ | 52 30+ | 1 | 184 | 0 | 0 | 0 | 0 | 3.98 | -1.56 | .9821 | .0 | .0 | .0 | 8 3 3 |
| SNOW HILL 4 N | 83.0 | 60.4 | 71.7 | .1 | 91 28+ | 54 30+ | 3 | 213 | 5 | 0 | 0 | 0 | 2.26 | -1.54 | .5129 | .0 | .0 | .0 | 8 3 3 |
| --DIVISIONAL DATA--> | | | 71.0 | -1.0 | | | 6 | | | | | | 2.89 | -1.54 | | .0 | .0 | .0 | 7 2 0 |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | 84.3 | 63.3 | 73.8 | 1.3 | 92 25+ | 55 30+ | 1 | 272 | 10 | 0 | 0 | 0 | 3.01 | -1.56 | 1.2721 | .0 | .0 | .0 | 4 3 1 |
| DENTON 2 E | 85.5 | 60.7 | 73.1 | .5 | 95 14+ | 47 3 | 3 | 256 | 10 | 0 | 0 | 0 | 4.75 | 1.09 | 2.0920 | .0 | .0 | .0 | 7 2 2 |
| ROYAL OAK 2 SSW | 82.6 | 64.3 | 73.5 | .0 | 91 13 | 54 10 | 1 | 262 | 2 | 0 | 0 | 0 | 5.98 | 1.55 | 2.6920 | .0 | .0 | .0 | 6 3 2 |
| VIENNA | 86.3 | 62.6 | 74.5 | 1.5 | 95 14 | 54 30 | 2 | 294 | 13 | 0 | 0 | 0 | 3.16 | -1.40 | 1.3521 | .0 | .0 | .0 | 5 2 1 |
| --DIVISIONAL DATA--> | | | 73.7 | .8 | | | | | | | | | 4.23 | .75 | | .0 | .0 | .0 | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | 81.2 | 62.2 | 71.7 | .1 | 90 27 | 49 2 | 9 | 219 | 1 | 0 | 0 | 0 | 1.24 | -2.54 | .62 4 | .0 | .0 | .0 | 4 1 0 |
| MECHANICSVILLE 1 SE | 83.1 | 59.1 | 71.1 | | 91 27 | 45 2 | 8 | 196 | 5 | 0 | 0 | 0 | 4.35 | | 1.1022 | .0 | .0 | .0 | 7 4 2 |
| OWINGS FERRY LANDING | | | | | | | | | | | | | | | | M | M | M | |
| PATUXENT RIVER | 83.1 | 65.0 | 74.1 | | 93 24 | 53 2 | 2 | 278 | 5 | 0 | 0 | 0 | 7.40 | | 5.9120 | .0 | .0 | .0 | 4 2 1 |
| SOLOMONS | 82.9 | 63.4 | 73.2 | -.8 | 94 28 | 52 2 | 2 | 255 | 5 | 0 | 0 | 0 | 2.14 | -1.12 | 1.5021 | .0 | .0 | .0 | 4 1 1 |
| --DIVISIONAL DATA--> | | | 72.5 | .1 | | | | | | | | | 3.78 | .15 | | .0 | .0 | .0 | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 83.7 | 63.2 | 73.5 | | 92 14 | 51 2 | 2 | 263 | 9 | 0 | 0 | 0 | 5.14 | | 2.0220 | .0 | .0 | .0 | 7 3 2 |
| BALTIMORE WSO AP | 82.4 | 61.8 | 72.1 | -.1 | 93 13 | 50 2 | 6 | 228 | 4 | 0 | 0 | 0 | 5.23 | 1.47 | 2.0020 | .0 | .0 | .0 | 6 3 3 |
| BELTSVILLE | 82.9 | 60.0 | 71.5 | 1.2 | 93 28 | 48 2 | 13 | 215 | 7 | 0 | 0 | 0 | 8.22 | 4.33 | 2.5721 | .0 | .0 | .0 | 7 4 3 |
| COLLEGE PARK | 84.2 | 62.4 | 73.3 | .4 | 94 28 | 52 2 | 3 | 260 | 9 | 0 | 0 | 0 | 7.94 | 3.49 | 2.17 7 | .0 | .0 | .0 | 6 5 3 |
| DALECARLIA RESVR D C | 85.9 | 62.1 | 74.0 | 1.2 | 94 28+ | 47 2 | 7 | 283 | 11 | 0 | 0 | 0 | 7.10 | 3.42 | 1.7229+ | .0 | .0 | .0 | 7 5 3 |
| GLENN DALE BELL STN | 84.4 | 58.0 | 71.2 | .0 | 92 27+ | 44 2 | 11 | 203 | 8 | 0 | 0 | 0 | 11.27 | 7.40 | 5.8720 | .0 | .0 | .0 | 6 3 3 |
| LAUREL 3 W | 85.4 | 63.6 | 74.5 | 1.9 | 99 28 | 52 2 | 1 | 289 | 10 | 0 | 0 | 0 | 6.06 | 2.17 | 1.8519 | .0 | .0 | .0 | 8 3 3 |
| NATIONAL ARBORETUM D C | 84.1 | 61.8 | 73.0 | -.4 | 93 28+ | 52 10 | 4 | 249 | 10 | 0 | 0 | 0 | 5.04 | 1.09 | 1.78 7 | .0 | .0 | .0 | 6 3 2 |
| UPPER MARLBORO 3 NNW | 83.6 | 60.3 | 72.0 | | 92 29+ | 47 2 | 7 | 220 | 7 | 0 | 0 | 0 | 4.31 | .47 | 1.1329 | .0 | .0 | .0 | 7 4 2 |
| --DIVISIONAL DATA--> | | | 72.8 | .9 | | | | | | | | | 6.63 | 2.83 | | .0 | .0 | .0 | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | |
| CENTREVILLE | 85.1 | 59.1 | 72.1 | | 93 14 | 50 30+ | 0 | 221 | 10 | 0 | 0 | 0 | 5.32 | | 2.1429 | .0 | .0 | .0 | 6 3 2 |
| CHESTERTOWN | 83.9 | 62.4 | 73.2 | .9 | 93 14 | 51 10 | 2 | 254 | 10 | 0 | 0 | 0 | 4.29 | .05 | 1.3520 | .0 | .0 | .0 | 8 4 1 |
| MILLINGTON 2 NNW | | | | | | | | | | | | | | | | M | M | M | |
| --DIVISIONAL DATA--> | | | 72.7 | .6 | | | | | | | | | 4.81 | .95 | | .0 | .0 | .0 | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 83.5 | 60.5 | 72.0 | | 91 14+ | 49 1 | 6 | 223 | 8 | 0 | 0 | 0 | 5.81 | | 3.2621 | .0 | .0 | .0 | 6 2 2 |
| BALTIMORE WSO CI | 84.7 | 67.2 | 76.0 | .7 | 96 27 | 56 10 | 0 | 337 | 10 | 0 | 0 | 0 | 6.15 | 2.44 | 3.0219 | M | M | M | 4 4 3 |
| BENSON POLICE BARRACKS | 85.2 | 57.8 | 71.5 | .9 | 93 27+ | 48 10+ | 10 | 211 | 11 | 0 | 0 | 0 | 4.88 | .58 | 1.6829 | .0 | .0 | .0 | 4 2 2 |
| BOYDS 2 NW | 82.6 | 60.3 | 71.5 | | 90 27+ | 48 2 | 5 | 205 | 2 | 0 | 0 | 0 | 5.09 | | 1.4121 | .0 | .0 | .0 | 7 4 2 |
| CATOCTIN MOUNTAIN PARK | 77.1 | 59.7 | 68.4 | | 85 28 | 46 2 | 26 | 135 | 0 | 0 | 0 | 0 | 4.79 | | 1.0418 | .0 | .0 | .0 | 7 6 1 |
| CLARKSVILLE 3 NNE | 84.2 | 58.6 | 71.4 | .7 | 94 27 | 45 2 | 13 | 210 | 6 | 0 | 0 | 0 | 5.35 | | 1.5420 | .0 | .0 | .0 | 8 3 3 |
| CONOWINGO DAM | 82.5 | 60.0 | 71.3 | | 92 27 | 47 2 | 11 | 208 | 5 | 0 | 0 | 0 | 7.28 | 2.99 | 2.6619 | .0 | .0 | .0 | 7 3 3 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | TOTAL | DAY OF MONTH | | | | | | | | | | | | | | |
|---------------------------|-------|--------------|-----|-----|-----|-----|------|-----|------|-----|----|----|-----|----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| MARYLAND | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | 2.22 | | | | .25 | | .02 | .30 | .03 | | | | | | | |
| PRINCESS ANNE | 2.13 | .35 | .11 | .10 | | | | | .24 | | | | | | | |
| SALISBURY | 4.05 | .55 | .08 | | .11 | | | | .20 | | | | | | | |
| SALISBURY FAA AP | 3.81 | .43 | | T | .18 | | | T | .25 | | | | | | | |
| SNOW HILL 4 N | 2.26 | .50 | .07 | | .14 | | T | T | .23 | | | | | | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | 3.01 | .05 | .05 | | .57 | | | | .15 | | | | | | | |
| DENTON 2 E | 4.75 | .08 | .01 | | .35 | T | | T | .18 | | | | .00 | | T | |
| ROYAL OAK 2 SSW | 5.98 | .18 | | | .64 | | | T | .17 | | | | | | | T |
| VIENNA | 3.16 | .03 | .04 | .04 | .22 | | | | .15 | | | | | | | .35 |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | 1.24 | T | | .07 | .62 | | | T | T | | | | | | .04 | |
| MECHANICSVILLE 1 SE | 4.35 | .12 | | | | .47 | | | .78 | | | | | | | .11 |
| OWINGS FERRY LANDING | M | | | | | | | | | | | | | | | |
| PATUXENT RIVER | 7.40 | .10 | | .05 | .03 | | | | .17 | | | | | | | |
| SOLOMONS | 2.14 | | .08 | | | | | | .22 | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 5.14 | T | T | | .49 | .25 | | | 1.06 | | | | | | | |
| BALTIMORE WSO AP | 5.23 | T | | .10 | .20 | | 1.40 | | .01 | | | | | | | |
| BELTSVILLE | 8.22 | T | .01 | | .27 | .81 | | | 2.23 | | | | | | | |
| COLLEGE PARK | 7.34 | | T | | .35 | .02 | | | 2.17 | | | | | | | T |
| DALECARLIA RESVR D C | 7.10 | .02 | | .06 | .25 | .09 | | | 1.43 | | | | | | .66 | .02 |
| GLENN DALE BELL STN | 11.27 | T | | | .42 | .23 | | | 2.15 | | | | | | | |
| LAUREL 3 W | 6.06 | .40 | | .22 | .10 | | 1.70 | | | | | | | | | |
| NATIONAL ARBORETUM D C | 5.04 | | .02 | | .38 | .03 | | | 1.78 | | | | | | .02 | |
| UPPER MARLBORO 3 NNW | 4.31 | | | | .57 | T | | | .73 | | | | | | .20 | .17 |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | |
| CENTREVILLE | 5.32 | .05 | | | .40 | | | | .70 | | | | | | | |
| CHESTERTOWN | 4.29 | .07 | | .27 | .03 | | | .06 | .55 | .05 | | | | | | |
| MILLINGTON 2 HNW | M | | | | | | | | | | | | | | | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 5.81 | T | .19 | | | | | .48 | .13 | | | | | | | |
| BALTIMORE WSO CI | 6.15 | | | | .06 | | | .54 | .05 | | | | | | | |
| BENSON POLICE BARRACKS | 4.88 | | | | .33 | .02 | | | .25 | | | | | | | |
| BOYDS 2 NW | 5.02 | | | | .55 | | | .34 | 1.31 | | | | | | | |
| BRIGHTON DAM | 4.96 | | | .20 | .10 | | 1.40 | | | | | | | | | |
| CATOCTIN MOUNTAIN PARK | 4.79 | | | .08 | .59 | .72 | | | | | | | | | | |
| CLARKSVILLE 3 NNE | 5.35 | T | | .02 | .28 | .16 | | .02 | 1.42 | | | | | | | |
| CONOWINGO DAM | 7.28 | .07 | | .15 | .40 | T | | | .14 | | | | | | | |
| DAMASCUS 2 SW | M | | | | | | | | | | | | | | | |
| EMMITSBURG 2 SE | 5.53 | T | | T | .56 | .09 | | | .08 | | | | | | | T |
| FREDRICK POLICE BRKS | 4.32 | .04 | | | .14 | .06 | | T | .04 | | | | | | | |
| FREDERICK 3 E | 3.14 | T | | T | .14 | .11 | | | .26 | | | | | | | |
| PARKTON 2 SW | 4.93 | T | | .10 | .28 | | | .04 | .01 | | | | | | | |
| POTOMAC FILTER PLANT | 4.11 | | | .16 | | | 1.11 | | | | | | | | | .28 |
| TOWSON | 4.41 | .05 | | .01 | .10 | | | .01 | | | | | | | | |
| UNIONVILLE | 6.61 | | | .04 | T | .23 | | | .12 | | | | | | | |
| WESTMINSTER POLICE BRK | 2.79 | | | | .09 | T | | | T | | | | | | | .36 |
| WOODSTOCK | 4.35 | | | .04 | .24 | .11 | | | .22 | | | | | | | T |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JUNE 1983

| 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 | | | | | .30 | .05 | .51 | | | | | | | .75 | .01 | |
| PRINCESS ANNE | | | | | .72 | .50 | .08 | | | | | | | .03 | | |
| SALISBURY | | | | | .90 | 1.40 | .01 | | | | | | | .57 | | |
| SALISBURY FAA AP | | | | .75 | .54 | .98 | | | .01 | .23 | | | .32 | .35 | | |
| SNOW HILL 4 N | | | | | .26 | .20 | .32 | | | .03 | | | | .51 | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | | | | | .85 | 1.27 | | | | | | | | .07 | | |
| DENTON 2 E | .03 | .13 | 1.30 | | 2.09 | .13 | T | | | | | | | .45 | | |
| ROYAL OAK 2 SSW | | | | | 2.69 | 1.85 | | | | T | | | | .45 | | |
| VIENNA | | | .85 | | .07 | 1.35 | | | | .06 | | | | | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | | | | .06 | .11 | .18 | | | | | | | | .16 | | |
| MECHANICSVILLE 1 SE | - | - | - | - | .70 | 1.02 | 1.10 | | | | | | | .05 | | |
| OWINGS FERRY LANDING | | | | | | | | | | | | | | | | |
| PATUXENT RIVER | | | | .02 | 5.91 | .99 | | | | | | | .02 | .06 | | |
| SOLOMONS | | | * | * | .02 | 1.50 | .15 | | | | | | | .17 | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | | | | .39 | 2.02 | .59 | | | | | | | | .34 | | |
| BALTIMORE WSO AP | | | .02 | 1.28 | 2.00 | .09 | | | | | | | .11 | .02 | | |
| BELTSVILLE | | | | .20 | 1.74 | 2.57 | .04 | | | | | | .04 | .31 | T | |
| COLLEGE PARK | | | | 1.14 | 1.99 | .71 | .02 | | | | | | .01 | .93 | T | |
| DALECARLIA RESVR D C | | | .07 | .18 | .88 | 1.72 | | | | | | | | 1.72 | | |
| GLENN DALE BELL STN | | | | .07 | 5.87 | 2.28 | | | | | | | | .25 | | |
| LAUREL 3 W | | | .11 | 1.85 | 1.57 | | | | | | | | .11 | | | |
| NATIONAL ARBORETUM D C | | | | .49 | .23 | 1.29 | .01 | | | | | | | .77 | .02 | |
| UPPER MARLBORO 3 NNW | | | | .03 | .38 | 1.07 | .03 | | | | | | | 1.13 | | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | |
| CENTREVILLE | .08 | | | .10 | .40 | 1.45 | | | | | | | | 2.14 | | |
| CHESTERTOWN | | .30 | | .25 | 1.35 | .52 | | | T | | | | .20 | .62 | .02 | |
| MILLINGTON 2 WNW | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | | | | | .45 | 3.26 | T | | | | | | | 1.30 | | |
| BALTIMORE WSO CI | | | | 3.02 | 1.43 | | | | | | | | 1.00 | .05 | | |
| BENSON POLICE BARRACKS | | | .03 | .42 | .46 | 1.67 | .02 | | | | | | | 1.68 | | |
| BOYDS 2 NW | | | | .65 | .31 | 1.41 | | | | | | | | .45 | | |
| BRIGHTON DAM | | | .90 | .12 | 2.00 | .10 | | | | | | | | | | |
| CATOCTIN MOUNTAIN PARK | | | 1.04 | .67 | .17 | .78 | | | | | | | .14 | .54 | | |
| CLARKSVILLE 3 NNE | | | .23 | .15 | 1.54 | 1.36 | .01 | | | | | | | .16 | | |
| CONOWINGO DAM | | | | 2.66 | 2.14 | .11 | | | | | | | 1.53 | .08 | | |
| DAMASCUS 2 SW | | | | | | | | | | | | | | | | |
| EMMITSBURG 2 SE | | | 2.45 | .42 | .35 | .62 | | | | | | | T | .96 | | |
| FREDRICK POLICE BRKS | | | 1.80 | .22 | .73 | .89 | | | | | | | | .40 | | |
| FREDERICK 3 E | | | .48 | .36 | .60 | .86 | | | | | | | | .31 | | |
| PARKTON 2 SW | .02 | | .13 | 1.67 | 1.20 | .07 | | | | | | | 1.30 | .13 | | |
| POTOMAC FILTER PLANT | | | .32 | 1.40 | .48 | .22 | | | | | | | | .14 | | |
| TOWSON | | | .58 | .08 | .88 | 1.12 | | | | | | | | 1.58 | | |
| UNIONVILLE | | | .64 | .89 | 1.46 | 2.24 | | | | | | | | .62 | | |
| WESTMINSTER POLICE BRK | .02 | .01 | .12 | 1.01 | .40 | .39 | | | | | | | | .76 | | |
| HOODSTOCK | | | T | .20 | .77 | 2.15 | | | | | | | | .62 | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX
6

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JUNE 1983

| 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 | 3.23 | | .02 | | .50 | .04 | | | | | | | | | |
| EDGEMONT | | 6.88 | .03 | T | | .32 | 1.51 | | | T | | | | | | .10 |
| FROSTBURG 2 | | 3.89 | .01 | .03 | | .52 | .08 | | | .03 | | | | | | T |
| HAGERSTOWN | | 4.06 | | | .11 | .23 | .31 | | | | | | | | | |
| HANCOCK FRUIT LAB | | 3.20 | .09 | | .07 | .30 | .26 | .03 | .14 | | | | | | | |
| ALLEGHENY PLATEAU | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 08 | 3.90 | .02 | .03 | | .88 | .15 | | | .25 | | | | | | |
| MERRILL | | 3.30 | | .08 | | .73 | .10 | | | | | | | | | .05 |
| OAKLAND 1 SE | | 2.47 | .03 | | .26 | .54 | .01 | | | .13 | | | | | | |
| SAVAGE RIVER DAM | | 1.93 | | .01 | | .77 | .05 | | | | | | | | | T |
| DELAWARE | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | 01 | 3.49 | T | T | .18 | | T | | | .10 | | | | | | |
| NEWARK UNIVERSITY FARM | | 3.61 | .02 | | | .48 | | T | | .01 | .14 | | | | | |
| WILMINGTON WSO AP | | 3.94 | .01 | | .19 | .10 | | | .01 | .11 | .03 | | | | | |
| WILMINGTON PORTER RESVR | R | 3.23 | .02 | | .26 | .29 | | | T | .07 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 02 | 3.46 | .14 | | | .46 | | | T | | | .18 | | | | |
| DOVER | | 5.61 | .05 | | | .24 | | | .03 | .03 | | | | | | .15 |
| GEORGETOWN 5 SW | | 6.49 | | .51 | | .34 | .06 | | | | | | | | | .13 |
| LEWES | | 4.39 | .01 | .18 | .29 | | | | | | | | | | | .19 |
| MILFORD 2 WSW | | 4.74 | .28 | T | | .38 | | | .12 | .03 | | | | | | .16 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | |
|--|--------------|-----|-------------|--------------|------------|--------------|----------|----|----|-----|----|-----|----------|--------------|------------|----|
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| APPALACHIAN MOUNTAIN CUMBERLAND 2 EDGEMONT FROSTBURG 2 HAGERSTOWN HANCOCK FRUIT LAB | | .04 | T .53 | 1.32 2.62 | .44 .31 | .63 .74 | T .15 | | | | | | | .07 .64 | .07 .13 | |
| ALLEGHENY PLATEAU 08 MC HENRY 2 NW MERRILL OAKLAND 1 SE SAVAGE RIVER DAM | | .12 | 1.35 .84 | .27 .52 | .06 .51 | .56 .40 | .03 | | | | | .01 | T .02 | .08 .06 | .10 .12 | |
| DELAWARE | | | | | | | | | | | | | | | | |
| NORTHERN MIDDLETOWN 1 HSW NEWARK UNIVERSITY FARM WILMINGTON HSO AP WILMGTN PORTER RESVR | | | .16 | .13 .27 | .16 .47 | 1.74 1.07 | .01 | | | | | | | 1.17 1.15 | .01 | |
| SOUTHERN BRIDGEVILLE 1 NH DOVER GEORGETOWN 5 SW LEWES MILFORD 2 HSW | | T | | T .18 | .08 .19 | 2.20 3.81 | | | | .20 | | | | .20 .78 | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVERAGE | |
|---------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | MAX 73 | 73 | 75 | 75 | 76 | 72 | 81 | 73 | 71 | 71 | 71 | 81 | 85 | 81 | 80 | 79 | 80 | 79 | 78 | 75 | 77 | 80 | 78 | 89 | 87 | 87 | 88 | 88 | 84 | 84 | 84 | 79.0 |
| | MIN 60 | 58 | 52 | 49 | 46 | 47 | 60 | 58 | 59 | 58 | 57 | 62 | 68 | 64 | 65 | 65 | 67 | 65 | 68 | 67 | 69 | 65 | 60 | 65 | 71 | 63 | 71 | 69 | 64 | 52 | 61.5 | |
| PRINCESS ANNE | MAX 77 | 72 | 78 | 75 | 82 | 81 | 81 | 78 | 77 | 78 | 81 | 85 | 91 | 92 | 88 | 87 | 90 | 88 | 87 | 86 | 74 | 81 | 83 | 86 | 86 | 86 | 88 | 90 | 90 | 79 | 83.2 | |
| | MIN 57 | 46 | 52 | 64 | 55 | 57 | 69 | 57 | 53 | 54 | 49 | 54 | 59 | 57 | 57 | 55 | 54 | 52 | 61 | 65 | 66 | 64 | 51 | 56 | 67 | 52 | 62 | 72 | 62 | 48 | 57.6 | |
| SALISBURY | MAX 75 | 73 | 77 | 77 | 81 | 81 | 82 | 78 | 73 | 78 | 82 | 87 | 91 | 92 | 89 | 88 | 89 | 88 | 86 | 84 | 73 | 81 | 83 | 87 | 87 | 86 | 88 | 88 | 88 | 78 | 83.0 | |
| | MIN 62 | 52 | 56 | 63 | 61 | 61 | 70 | 59 | 57 | 54 | 54 | 59 | 65 | 65 | 62 | 64 | 63 | 64 | 67 | 67 | 66 | 65 | 56 | 62 | 66 | 57 | 55 | 76 | 63 | 52 | 61.4 | |
| SALISBURY FAA AP | MAX 65 | 72 | 77 | 75 | 81 | 81 | 80 | 77 | 72 | 76 | 81 | 86 | 89 | 89 | 86 | 86 | 87 | 85 | 85 | 82 | 75 | 79 | 82 | 86 | 85 | 85 | 87 | 86 | 73 | 76 | 80.9 | |
| | MIN 54 | 51 | 56 | 65 | 59 | 60 | 68 | 58 | 56 | 55 | 52 | 56 | 62 | 63 | 64 | 65 | 62 | 62 | 65 | 68 | 67 | 58 | 55 | 60 | 60 | 56 | 67 | 73 | 55 | 51 | 60.1 | |
| SNOW HILL 4 N | MAX 70 | 74 | 78 | 76 | 84 | 81 | 83 | 76 | 71 | 76 | 83 | 90 | 91 | 90 | 89 | 90 | 89 | 87 | 87 | 87 | 71 | 79 | 83 | 89 | 87 | 85 | 89 | 91 | 87 | 76 | 83.0 | |
| | MIN 58 | 51 | 57 | 65 | 60 | 59 | 69 | 58 | 55 | 56 | 51 | 57 | 63 | 62 | 60 | 64 | 61 | 60 | 62 | 66 | 68 | 63 | 54 | 58 | 67 | 53 | 66 | 74 | 63 | 51 | 60.4 | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | MAX 73 | 72 | 77 | 76 | 80 | 81 | 82 | 78 | 79 | 76 | 81 | 88 | 91 | 92 | 91 | 89 | 92 | 92 | 89 | 88 | 75 | 82 | 83 | 91 | 92 | 86 | 90 | 91 | 90 | 81 | 84.3 | |
| | MIN 59 | 56 | 57 | 63 | 63 | 62 | 67 | 61 | 62 | 55 | 56 | 60 | 59 | 66 | 65 | 66 | 65 | 66 | 68 | 67 | 66 | 66 | 58 | 65 | 72 | 62 | 71 | 77 | 64 | 55 | 63.3 | |
| DENTON 2 E | MAX 73 | 75 | 78 | 75 | 83 | 83 | 81 | 82 | 79 | 80 | 86 | 91 | 95 | 95 | 93 | 94 | 93 | 89 | 86 | 78 | 89 | 83 | 86 | 90 | 87 | 93 | 91 | 91 | 85 | 81 | 85.5 | |
| | OBS 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | MIN 54 | 57 | 47 | 62 | 59 | 61 | 66 | 61 | 52 | 50 | 55 | 60 | 64 | 64 | 63 | 65 | 64 | 65 | 68 | 69 | 65 | 64 | 55 | 55 | 64 | 55 | 68 | 77 | 63 | 50 | 60.7 | |
| | OBS 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| ROYAL OAK 2 SSW | MAX 72 | 72 | 77 | 76 | 81 | 81 | 78 | 80 | 77 | 76 | 83 | 88 | 91 | 90 | 87 | 87 | 89 | 87 | 83 | 81 | 73 | 84 | 83 | 87 | 87 | 86 | 88 | 88 | 87 | 79 | 82.6 | |
| | MIN 58 | 56 | 59 | 63 | 62 | 66 | 67 | 60 | 60 | 54 | 61 | 64 | 68 | 67 | 68 | 69 | 66 | 68 | 70 | 68 | 66 | 65 | 59 | 65 | 70 | 58 | 74 | 78 | 63 | 56 | 64.3 | |
| VIENNA | MAX 77 | 72 | 79 | 78 | 85 | 85 | 84 | 81 | 80 | 80 | 83 | 90 | 94 | 95 | 91 | 90 | 92 | 92 | 90 | 84 | 88 | 84 | 90 | 92 | 89 | 89 | 90 | 92 | 90 | 83 | 86.3 | |
| | MIN 58 | 53 | 59 | 64 | 65 | 62 | 70 | 60 | 60 | 53 | 58 | 62 | 65 | 65 | 65 | 64 | 63 | 71 | 69 | 65 | 67 | 65 | 55 | 65 | 66 | 56 | 70 | 70 | 63 | 51 | 62.6 | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | MAX 67 | 70 | 77 | 75 | 79 | 82 | 79 | 75 | 75 | 77 | 82 | 86 | 87 | 87 | 87 | 86 | 88 | 86 | 83 | 80 | 74 | 79 | 82 | 86 | 85 | 85 | 90 | 88 | 86 | 74 | 81.2 | |
| | MIN 55 | 49 | 58 | 63 | 59 | 61 | 66 | 62 | 58 | 53 | 58 | 60 | 63 | 63 | 66 | 65 | 64 | 65 | 68 | 68 | 68 | 66 | 58 | 61 | 64 | 57 | 67 | 77 | 65 | 60 | 62.2 | |
| MECHANICSVILLE 1 SE | MAX 72 | 72 | 75 | 76 | 85 | 85 | 82 | 75 | 76 | 78 | 85 | 85 | 90 | 90 | 89 | 88 | 89 | 89 | 85 | 82 | 77 | 77 | 84 | 90 | 88 | 86 | 91 | 90 | 84 | 79 | 83.1 | |
| | MIN 54 | 45 | 55 | 58 | 55 | 57 | 64 | 65 | 58 | 56 | 60 | 58 | 60 | 59 | 75 | 60 | 60 | 60 | 63 | 63 | 60 | 60 | 58 | 56 | 58 | 50 | 63 | 70 | 60 | 52 | 59.1 | |
| OWINGS FERRY LANDING | MAX 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | M | |
| | MIN 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | M | |
| PATUXENT RIVER | MAX 74 | 73 | 79 | 80 | 82 | 80 | 78 | 81 | 77 | 78 | 86 | 88 | 92 | 92 | 86 | 87 | 87 | 85 | 85 | 82 | 77 | 83 | 80 | 93 | 87 | 86 | 92 | 90 | 76 | 76 | 83.1 | |
| | MIN 56 | 53 | 67 | 66 | 64 | 66 | 66 | 61 | 58 | 58 | 59 | 62 | 69 | 68 | 68 | 67 | 65 | 67 | 69 | 70 | 68 | 67 | 63 | 66 | 68 | 61 | 72 | 76 | 65 | 65 | 65.0 | |
| SOLOMONS | MAX 77 | 74 | 73 | 78 | 77 | 81 | 80 | 82 | 80 | 75 | 80 | 86 | 87 | 91 | 88 | 83 | 85 | 89 | 87 | 85 | 81 | 75 | 85 | 80 | 90 | 86 | 92 | 94 | 93 | 74 | 82.9 | |
| | MIN 61 | 52 | 58 | 65 | 60 | 63 | 68 | 59 | 62 | 55 | 58 | 64 | 59 | 67 | 69 | 66 | 67 | 67 | 67 | 68 | 66 | 66 | 62 | 65 | 66 | 62 | 65 | 68 | 59 | 63 | 61 | 63.4 |
| | OBS 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | MAX 73 | 74 | 76 | 76 | 82 | 83 | 80 | 79 | 79 | 76 | 83 | 85 | 91 | 92 | 91 | 90 | 90 | 87 | 83 | 80 | 77 | 83 | 83 | 91 | 91 | 87 | 91 | 91 | 88 | 78 | 83.7 | |
| | MIN 57 | 51 | 58 | 65 | 60 | 64 | 64 | 64 | 61 | 56 | 61 | 64 | 67 | 65 | 65 | 65 | 63 | 71 | 68 | 68 | 66 | 66 | 57 | 64 | 64 | 62 | 62 | 77 | 63 | 57 | 63.2 | |
| BALTIMORE WSO AP | MAX 71 | 73 | 78 | 77 | 82 | 82 | 77 | 79 | 73 | 78 | 87 | 88 | 93 | 91 | 88 | 90 | 89 | 87 | 83 | 80 | 69 | 82 | 84 | 89 | 85 | 86 | 92 | 89 | 75 | 76 | 82.4 | |
| | MIN 52 | 50 | 53 | 63 | 59 | 60 | 64 | 62 | 58 | 53 | 57 | 64 | 65 | 66 | 68 | 65 | 67 | 69 | 67 | 67 | 65 | 63 | 57 | 63 | 66 | 55 | 65 | 69 | 62 | 60 | 61.8 | |
| BELTSVILLE | MAX 72 | 72 | 73 | 79 | 77 | 82 | 84 | 76 | 79 | 74 | 84 | 88 | 89 | 91 | 90 | 89 | 90 | 90 | 87 | 85 | 80 | 69 | 81 | 85 | 90 | 85 | 87 | 93 | 90 | 75 | 82.9 | |
| | MIN 50 | 48 | 52 | 62 | 56 | 57 | 63 | 60 | 55 | 51 | 55 | 63 | 61 | 62 | 65 | 64 | 64 | 65 | 65 | 66 | 66 | 62 | 55 | 59 | 64 | 54 | 62 | 75 | 62 | 58 | 60.0 | |
| COLLEGE PARK | MAX 74 | 73 | 75 | 80 | 78 | 84 | 86 | 78 | 80 | 76 | 80 | 89 | 92 | 92 | 92 | 91 | 92 | 92 | 88 | 84 | 81 | 74 | 83 | 87 | 91 | 86 | 88 | 94 | 91 | 76 | 84.2 | |
| | MIN 53 | 52 | 54 | 65 | 58 | 59 | 65 | 62 | 58 | 53 | 58 | 64 | 64 | 64 | 67 | 66 | 66 | 68 | 67 | 67 | 68 | 64 | 57 | 61 | 66 | 57 | 65 | 78 | 63 | 62 | 62.4 | |
| DALECARLIA RESVR D C | MAX 71 | 74 | 80 | 79 | 84 | 85 | 83 | 80 | 81 | 80 | 89 | 90 | 93 | 91 | 91 | 91 | 92 | 89 | 86 | 89 | 77 | 82 | 86 | 91 | 90 | 89 | 94 | 94 | 92 | 84 | 85.9 | |
| | MIN 52 | 47 | 55 | 63 | 58 | 61 | 65 | 61 | 58 | 53 | 59 | 63 | 64 | 68 | 67 | 67 | 66 | 68 | 67 | 67 | 65 | 63 | 58 | 63 | 64 | 57 | 65 | 74 | 62 | 62 | 62.1 | |
| GLENN DALE BELL STN | MAX 72 | 74 | 79 | 76 | 83 | 85 | 83 | 80 | 80 | 79 | 88 | 92 | 92 | 90 | 91 | 91 | 89 | 88 | 83 | 82 | 77 | 82 | 85 | 90 | 90 | 86 | 92 | 89 | 88 | 76 | 84.4 | |
| | MIN 50 | 44 | 50 | 63 | 54 | 56 | 63 | 58 | 58 | 49 | 54 | 55 | 60 | 60 | 63 | 62 | 62 | 64 | 65 | 62 | 64 | 62 | 52 | 57 | 60 | 52 | 52 | 74 | 60 | 55 | 58.0 | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVERAGE |
|---------------------------|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| LAUREL 3 W | MAX OBS | 73 | 75 | 78 | 79 | 84 | 83 | 86 | 82 | 81 | 79 | 88 | 91 | 93 | 94 | 92 | 93 | 91 | 89 | 87 | 83 | 72 | 84 | 87 | 90 | 86 | 93 | 94 | 99 | 79 | 77 | 85.4 |
| | MIN OBS | 59 | 52 | | 58 | 60 | 60 | 64 | 65 | 57 | 57 | 53 | 64 | 65 | 72 | 72 | 70 | 68 | 67 | 66 | 66 | 65 | 62 | | 67 | 68 | 63 | 76 | | 61 | 61 | 63.6 |
| NATIONAL ARBORETUM D C | MAX MIN | 75 | 73 | 75 | 79 | 78 | 82 | 85 | 79 | 81 | 76 | 81 | 87 | 90 | 93 | 93 | 91 | 91 | 92 | 90 | 85 | 82 | 71 | 83 | 85 | 91 | 88 | 87 | 93 | 90 | 76 | 84.1 |
| UPPER MARLBORO 3 NNW | MAX MIN | 77 | 74 | 75 | 79 | 77 | 83 | 84 | 79 | 80 | 74 | 79 | 87 | 90 | 92 | 90 | 89 | 90 | 89 | 88 | 85 | 82 | 74 | 81 | 85 | 91 | 87 | 87 | 92 | 92 | 75 | 83.6 |
| NORTHERN EASTERN SHORE 05 | MAX MIN | 53 | 47 | 55 | 63 | 57 | 60 | 64 | 61 | 58 | 50 | 55 | 60 | 61 | 62 | 64 | 63 | 63 | 65 | 65 | 67 | 66 | 63 | 55 | 58 | 63 | 54 | 64 | 73 | 62 | 57 | 60.3 |
| CENTREVILLE | MAX MIN | 79 | 78 | 79 | 77 | 80 | 84 | 82 | 84 | 80 | 79 | 84 | 88 | 91 | 93 | 90 | 90 | 90 | 89 | 81 | 85 | 73 | 85 | 87 | 90 | 89 | 90 | 91 | 90 | 90 | 86 | 85.1 |
| CHESTERTOWN | MAX MIN | 55 | 54 | 50 | 62 | 57 | 59 | 58 | 57 | 55 | 56 | 56 | 54 | 63 | 64 | 64 | 65 | 64 | 65 | 64 | 67 | 60 | 53 | 57 | 60 | 59 | 61 | 60 | 62 | 63 | 50 | 59.1 |
| MILLINGTON 2 WNW | MAX MIN | 73 | 73 | 78 | 76 | 83 | 84 | 79 | 80 | 74 | 79 | 85 | 90 | 92 | 93 | 91 | 91 | 92 | 91 | 88 | 82 | 71 | 84 | 85 | 91 | 85 | 86 | 91 | 90 | 79 | 81 | 83.9 |
| NORTHERN CENTRAL 06 | MAX MIN | 56 | 53 | 60 | 63 | 59 | 62 | 65 | 63 | 55 | 51 | 59 | 64 | 67 | 67 | 66 | 68 | 67 | 68 | 67 | 66 | 64 | 63 | 55 | 65 | 65 | 55 | 69 | 74 | 62 | 54 | 62.4 |
| ABERDEEN PHILLIPS FLD | MAX MIN OBS | 74 | 74 | 76 | 76 | 80 | 82 | 82 | 78 | 78 | 78 | 83 | 87 | 91 | 91 | 90 | 90 | 89 | 89 | 84 | 84 | 76 | 82 | 83 | 90 | 90 | 82 | 90 | 90 | 88 | 79 | 83.5 |
| BALTIMORE WSO CI | MAX MIN | 49 | 50 | 56 | 60 | 55 | 58 | 64 | 61 | 54 | 52 | 57 | 63 | 64 | 65 | 66 | 65 | 66 | 67 | 68 | 68 | 63 | 62 | 54 | 61 | 63 | 55 | 64 | 73 | 60 | 52 | 60.5 |
| BENSON POLICE BARRACKS | MAX MIN OBS | 73 | 76 | 80 | 79 | 86 | 84 | 81 | 82 | 74 | 79 | 88 | 90 | 93 | 93 | 90 | 91 | 91 | 88 | 84 | 80 | 70 | 86 | 86 | 95 | 87 | 90 | 96 | 92 | 77 | 80 | 84.7 |
| BOYDS 2 NW | MAX MIN | 58 | 57 | 62 | 66 | 66 | 66 | 66 | 67 | 58 | 56 | 64 | 70 | 74 | 74 | 74 | 74 | 76 | 72 | 70 | 69 | 66 | 65 | 66 | 70 | 73 | 67 | 72 | 69 | 63 | 67 | 67.2 |
| CATOCTIN MOUNTAIN PARK | MAX MIN OBS | 72 | 74 | 77 | 78 | 82 | 83 | 79 | 83 | 82 | 80 | 85 | 91 | 93 | 91 | 91 | 91 | 91 | 91 | 86 | 81 | 79 | 86 | 88 | 91 | 91 | 86 | 93 | 91 | 89 | 80 | 85.2 |
| DAMASCUS 2 SW | MAX MIN OBS | 48 | 48 | 53 | 60 | 56 | 57 | 60 | 59 | 50 | 48 | 53 | 58 | 62 | 62 | 58 | 62 | 62 | 62 | 64 | 64 | 59 | 55 | 51 | 59 | 64 | 52 | 59 | 71 | 67 | 51 | 57.8 |
| CLARKSVILLE 3 NNE | MAX MIN | 78 | 72 | 77 | 78 | 81 | 82 | 75 | 79 | 77 | 78 | 86 | 87 | 89 | 90 | 89 | 88 | 89 | 85 | 82 | 82 | 74 | 81 | 85 | 89 | 87 | 85 | 90 | 88 | 81 | 74 | 82.6 |
| CONOWINGO DAM | MAX MIN | 51 | 48 | 54 | 61 | 57 | 59 | 61 | 59 | 52 | 52 | 58 | 62 | 65 | 66 | 65 | 65 | 65 | 65 | 65 | 66 | 55 | 62 | 58 | 61 | 63 | 57 | 65 | 72 | 61 | 60 | 60.3 |
| EMMITSBURG 2 SE | MAX MIN OBS | 66 | 67 | 71 | 69 | 76 | 77 | 78 | 73 | 73 | 74 | 80 | 83 | 82 | 82 | 83 | 83 | 82 | 76 | 77 | 74 | 71 | 75 | 79 | 83 | 83 | 78 | 84 | 85 | 80 | 70 | 77.1 |
| FREDRICK POLICE BRKS | MAX MIN | 50 | 46 | 56 | 57 | 55 | 61 | 59 | 55 | 49 | 50 | 61 | 64 | 69 | 65 | 67 | 67 | 65 | 60 | 61 | 64 | 59 | 58 | 59 | 59 | 63 | 56 | 67 | 72 | 57 | 59 | 59.7 |
| PARKTON 2 SW | MAX MIN | 71 | 73 | 78 | 79 | 83 | 85 | 78 | 80 | 79 | 80 | 89 | 89 | 90 | 90 | 90 | 91 | 89 | 85 | 85 | 81 | 80 | 82 | 86 | 89 | 89 | 87 | 94 | 90 | 87 | 75 | 84.2 |
| TOWSON | MAX MIN | 46 | 45 | 49 | 63 | 53 | 56 | 62 | 58 | 54 | 49 | 54 | 59 | 60 | 60 | 63 | 61 | 63 | 67 | 65 | 66 | 64 | 62 | 53 | 58 | 61 | 52 | 59 | 75 | 61 | 59 | 58.6 |
| UNIONVILLE | MAX MIN OBS | 70 | 79 | 81 | 79 | 64 | 87 | 84 | 79 | 75 | 78 | 85 | 90 | 91 | 91 | 89 | 89 | 89 | 83 | 82 | 79 | 68 | 85 | 84 | 90 | 83 | 84 | 92 | 88 | 78 | 79 | 82.5 |
| WESTMINSTER POLICE BRK | MAX MIN | 50 | 47 | 56 | 62 | 57 | 58 | 60 | 60 | 55 | 54 | 56 | 62 | 68 | 64 | 65 | 64 | 66 | 68 | 66 | 66 | 63 | 60 | 58 | 60 | 61 | 53 | 63 | 64 | 61 | 54 | 60.0 |
| WOODSTOCK | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M M |
| | MAX MIN | 68 | 73 | 74 | 76 | 80 | 82 | 80 | 79 | 77 | 77 | 89 | 88 | 89 | 89 | 90 | 89 | 88 | 85 | 79 | 80 | 78 | 82 | 83 | 89 | 90 | 85 | 91 | 91 | 87 | 76 | 82.8 |
| | MIN | 44 | 47 | 55 | 60 | 53 | 58 | 63 | 56 | 48 | 49 | 55 | 60 | 59 | 58 | 62 | 62 | 62 | 64 | 64 | 57 | 63 | 55 | 54 | 59 | 62 | 50 | 61 | 72 | 59 | 59 | 57.7 |
| | MAX MIN | 69 | 73 | 77 | 76 | 82 | 85 | 79 | 80 | 81 | 79 | 88 | 91 | 91 | 92 | 91 | 90 | 91 | 89 | 85 | 84 | 79 | 83 | 86 | 90 | 89 | 84 | 93 | 94 | 88 | 75 | 84.5 |
| | MIN | 47 | 50 | 53 | 62 | 58 | 61 | 66 | 61 | 56 | 56 | 60 | 63 | 64 | 61 | 62 | 68 | 66 | 65 | 66 | 67 | 66 | 64 | 60 | 63 | 61 | 57 | 67 | 74 | 62 | 65 | 61.7 |
| | MAX MIN | 71 | 72 | 76 | 75 | 79 | 81 | 76 | 78 | 71 | 78 | 86 | 88 | 90 | 90 | 88 | 89 | 87 | 80 | 81 | 78 | 67 | 81 | 84 | 88 | 82 | 83 | 91 | 85 | 75 | 75 | 80.8 |
| | MIN | 47 | 45 | 50 | 60 | 53 | 59 | 60 | 56 | 46 | 46 | 53 | 58 | 60 | 62 | 63 | 62 | 64 | 64 | 62 | 65 | 61 | 55 | 53 | 59 | 56 | 50 | 60 | 63 | 58 | 52 | 56.7 |
| | MAX MIN | 72 | 73 | 77 | 78 | 84 | 85 | 82 | 80 | 80 | 80 | 88 | 90 | 90 | 93 | 90 | 90 | 89 | 89 | 85 | 83 | 77 | 84 | 85 | 91 | 92 | 86 | 94 | 90 | 89 | 79 | 84.8 |
| | MIN | 52 | 50 | 54 | 60 | 56 | 63 | 61 | 60 | 56 | 51 | 58 | 62 | 66 | 69 | 67 | 68 | 67 | 67 | 67 | 67 | 63 | 60 | 57 | 66 | 68 | 66 | 67 | 75 | 60 | 57 | 62.0 |
| | MAX MIN OBS | 70 | 72 | 76 | 76 | 80 | 83 | 76 | 78 | 77 | 78 | 85 | 89 | 89 | 90 | 88 | 89 | 89 | 83 | 81 | 80 | 78 | 83 | 86 | 89 | 88 | 83 | 91 | 89 | 83 | 75 | 82.5 |
| | MIN | 45 | | 45 | 62 | 50 | 55 | 61 | 55 | 48 | 46 | 51 | 52 | 51 | 56 | 59 | 60 | 60 | 65 | 61 | 65 | 63 | 62 | 52 | 57 | 58 | 49 | 58 | 71 | 60 | 60 | 56.4 |
| | MAX MIN | 72 | 72 | 78 | 75 | 81 | 84 | 81 | 77 | 77 | 77 | 87 | 88 | 89 | 90 | 90 | 91 | 91 | 90 | 81 | 81 | 77 | 82 | 85 | 88 | 88 | 85 | 92 | 90 | 87 | 78 | 83.5 |
| | MIN | 50 | 47 | 56 | 61 | 59 | 59 | 58 | 58 | 50 | 49 | 58 | 64 | 68 | 69 | 65 | 66 | 66 | 65 | 62 | 64 | 61 | 59 | 57 | 66 | 64 | 57 | 68 | 72 | 58 | 58 | 60.5 |
| | MAX MIN | 70 | 75 | 78 | 78 | 84 | 84 | 79 | 81 | 79 | 82 | 90 | 91 | 92 | 91 | 90 | 91 | 90 | 87 | 84 | 81 | 74 | 84 | 87 | 90 | 89 | 87 | 93 | 92 | 87 | 77 | 84.6 |
| | MIN | 47 | 47 | 50 | 62 | 55 | 57 | 62 | 59 | 55 | 49 | 54 | 62 | 62 | 63 | 64 | 62 | 64 | 66 | 64 | 65 | 64 | 60 | 55 | 60 | 63 | 54 | 61 | 75 | 61 | 59 | 59.4 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | | DAY OF MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AVERAGE | | | | |
|-------------------------|------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|--|--|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | 31 | | | |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | MAX | 72 | 74 | 73 | 79 | 85 | 89 | 86 | 81 | 77 | 87 | 91 | 92 | 92 | 91 | 91 | 92 | 88 | 83 | 82 | 80 | 73 | 83 | 89 | 91 | 88 | 90 | 96 | 91 | 86 | 75 | | 84.9 | | | |
| | MIN | 42 | 45 | 54 | 53 | 55 | 55 | 52 | 48 | 51 | 56 | 56 | 61 | 61 | 62 | 65 | 65 | 65 | 65 | 66 | 64 | 64 | 56 | 57 | 60 | 55 | 55 | 61 | 64 | 64 | 62 | | 58.0 | | | |
| FROSTBURG 2 | MAX | 65 | 58 | 67 | 68 | 71 | 78 | 81 | 68 | 73 | 69 | 80 | 83 | 83 | 84 | 84 | 84 | 85 | 82 | 79 | 76 | 79 | 63 | 74 | 82 | 83 | 77 | 84 | 87 | 80 | 61 | | 76.3 | | | |
| | MIN | 45 | 41 | 42 | 46 | 47 | 53 | 51 | 52 | 45 | 42 | 53 | 52 | 53 | 58 | 56 | 57 | 57 | 53 | 57 | 54 | 58 | 56 | 51 | 49 | 59 | 50 | 49 | 59 | 59 | 57 | | 52.0 | | | |
| HAGERSTOWN | MAX | 69 | 74 | 75 | 77 | 81 | 83 | 79 | 80 | 79 | 80 | 89 | 90 | 90 | 90 | 90 | 91 | 90 | 83 | 83 | 82 | 78 | 80 | 86 | 91 | 89 | 87 | 94 | 91 | 86 | 75 | | 83.7 | | | |
| | MIN | 49 | 46 | 56 | 61 | 56 | 64 | 60 | 57 | 49 | 55 | 60 | 64 | 63 | 63 | 65 | 67 | 64 | 63 | 67 | 63 | 63 | 61 | 57 | 62 | 64 | 55 | 65 | 71 | 60 | 64 | | 60.5 | | | |
| HANCOCK FRUIT LAB | MAX | 70 | 72 | 72 | 76 | 83 | 84 | 82 | 79 | 79 | 77 | 86 | 89 | 89 | 89 | 87 | 89 | 89 | 82 | 81 | 82 | 78 | 81 | 84 | 89 | 89 | 87 | 87 | 92 | 90 | 87 | | 83.4 | | | |
| | MIN | 44 | 39 | 51 | 51 | 51 | 53 | 61 | 50 | 42 | 51 | 59 | 62 | 52 | 57 | 59 | 60 | 59 | 64 | 65 | 64 | 64 | 63 | 55 | 58 | 59 | 49 | 57 | 72 | 60 | 60 | | 56.4 | | | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | MAX | 63 | 55 | 65 | 65 | 68 | 76 | 79 | 65 | 70 | 70 | 77 | 80 | 82 | 81 | 82 | 80 | 81 | 80 | 77 | 79 | 77 | 64 | 73 | 82 | 81 | 75 | 83 | 85 | 78 | 62 | | 74.5 | | | |
| | MIN | 45 | 42 | 45 | 52 | 50 | 51 | 51 | 42 | 46 | 50 | 54 | 59 | 62 | 61 | 60 | 58 | 56 | 57 | 60 | 59 | 58 | 57 | 53 | 56 | 57 | 53 | 59 | 63 | 61 | 57 | | 54.5 | | | |
| OAKLAND 1 SE | MAX | 63 | 65 | 66 | 68 | 76 | 79 | 77 | 72 | 72 | 78 | 81 | 82 | 82 | 83 | 82 | 83 | 79 | 78 | 79 | 77 | 72 | 73 | 82 | 83 | 82 | 84 | 86 | 85 | 77 | 73 | | 77.3 | | | |
| | MIN | 44 | 43 | 45 | 57 | 45 | 46 | 54 | 43 | 40 | 45 | 44 | 49 | 50 | 51 | 52 | 51 | 53 | 53 | 58 | 61 | 59 | 58 | 45 | 50 | 51 | 45 | 53 | 64 | 58 | 58 | | 50.8 | | | |
| SAVAGE RIVER DAM | MAX | 66 | 60 | 68 | 66 | 73 | 78 | 83 | 70 | 73 | 70 | 80 | 85 | 84 | 83 | 85 | 83 | 84 | 83 | 79 | 79 | 70 | 65 | 74 | 82 | 84 | 79 | 86 | 85 | 81 | 62 | | 76.7 | | | |
| | MIN | 47 | 43 | 45 | 51 | 49 | 49 | 51 | 48 | 41 | 46 | 51 | 54 | 56 | 56 | 56 | 55 | 55 | 59 | 61 | 61 | 61 | 59 | 52 | 52 | 57 | 50 | 53 | 51 | 61 | 60 | | 53.0 | | | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSH | MAX | 73 | 72 | 78 | 80 | 82 | 85 | 83 | 78 | 78 | 77 | 87 | 89 | 91 | 92 | 92 | 91 | 91 | 88 | 84 | 79 | 80 | 81 | 85 | 90 | 90 | 88 | 91 | 91 | 87 | 87 | | 84.7 | | | |
| | MIN | 54 | 51 | 58 | 61 | 58 | 58 | 64 | 62 | 52 | 50 | 56 | 60 | 65 | 64 | 64 | 65 | 67 | 67 | 66 | 68 | 62 | 62 | 54 | 62 | 65 | 54 | 54 | 75 | 62 | 54 | | 60.5 | | | |
| NEWARK UNIVERSITY FARM | MAX | 73 | 73 | 79 | 78 | 82 | 84 | 80 | 78 | 84 | 79 | 87 | 91 | 92 | 93 | 92 | 96 | 91 | 86 | 85 | 78 | 69 | 84 | 88 | 90 | 89 | 84 | 93 | 88 | 85 | 79 | | 84.3 | | | |
| | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | 51 | 50 | 50 | 61 | 50 | 57 | 59 | 62 | 53 | 49 | 56 | 62 | 65 | 66 | 63 | 64 | 68 | 65 | 67 | 66 | 62 | 58 | 53 | 62 | 64 | 52 | 63 | 75 | 60 | 53 | | 59.5 | | | |
| | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WILMINGTON WSO AP | RMAX | 74 | 74 | 77 | 77 | 82 | 81 | 78 | 80 | 74 | 77 | 87 | 90 | 91 | 90 | 87 | 89 | 88 | 84 | 84 | 78 | 68 | 85 | 85 | 91 | 85 | 83 | 93 | 88 | 73 | 78 | | 82.6 | | | |
| | MIN | 52 | 50 | 57 | 64 | 59 | 61 | 65 | 63 | 56 | 49 | 56 | 63 | 67 | 68 | 65 | 66 | 68 | 68 | 69 | 67 | 62 | 59 | 55 | 64 | 60 | 54 | 64 | 64 | 62 | 54 | | 61.0 | | | |
| WILMINGTON PORTER RESVR | MAX | 72 | 72 | 75 | 75 | 80 | 81 | 77 | 77 | 72 | 77 | 86 | 89 | 90 | 91 | 88 | 89 | 88 | 86 | 84 | 77 | 66 | 83 | 85 | 89 | 82 | 82 | 91 | 85 | 78 | 78 | | 81.5 | | | |
| | MIN | 53 | 55 | 58 | 62 | 62 | 63 | 62 | 63 | 54 | 51 | 58 | 61 | 73 | 69 | 64 | 67 | 68 | 68 | 69 | 66 | 61 | 60 | 59 | 65 | 65 | 59 | 68 | 62 | 60 | 57 | | 62.1 | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | MAX | 72 | 73 | 77 | 75 | 83 | 84 | 81 | 80 | 78 | 79 | 86 | 90 | 93 | 93 | 92 | 93 | 92 | 90 | 87 | 82 | 72 | 81 | 86 | 91 | 87 | 88 | 91 | 92 | 86 | 78 | | 84.4 | | | |
| | MIN | 56 | 48 | 56 | 61 | 58 | 58 | 64 | 58 | 56 | 50 | 53 | 58 | 65 | 62 | 60 | 63 | 62 | 62 | 66 | 66 | 63 | 62 | 50 | 60 | 64 | 53 | 66 | 75 | 60 | 48 | | 59.4 | | | |
| DOVER | MAX | 73 | 73 | 78 | 78 | 81 | 84 | 83 | 79 | 80 | 77 | 87 | 90 | 92 | 92 | 87 | 89 | 87 | 86 | 80 | 77 | 77 | 83 | 84 | 89 | 91 | 88 | 91 | 91 | 90 | 77 | | 83.8 | | | |
| | MIN | 55 | 52 | 55 | 62 | 62 | 60 | 66 | 60 | 56 | 53 | 62 | 66 | 67 | 66 | 63 | 68 | 66 | 68 | 70 | 69 | 65 | 63 | 55 | 62 | 71 | 57 | 69 | 75 | 62 | 52 | | 62.6 | | | |
| GEORGETOWN 5 SW | MAX | 64 | 68 | 73 | 78 | 76 | 82 | 82 | 80 | 78 | 70 | 77 | 84 | 89 | 91 | 91 | 89 | 90 | 91 | 89 | 87 | 83 | 73 | 79 | 85 | 89 | 85 | 86 | 90 | 91 | 73 | | 82.1 | | | |
| | MIN | 60 | 49 | 53 | 62 | 59 | 60 | 68 | 60 | 56 | 52 | 52 | 57 | 63 | 62 | 60 | 62 | 61 | 61 | 68 | 67 | 65 | 63 | 54 | 62 | 64 | 54 | 73 | 75 | 62 | 49 | | 60.4 | | | |
| LEWES | MAX | 74 | 74 | 79 | 84 | 88 | 86 | 81 | 79 | 74 | 73 | 86 | 86 | 94 | 92 | 87 | 88 | 88 | 85 | 86 | 83 | 71 | 78 | 81 | 93 | 90 | 83 | 98 | 90 | 88 | 88 | | 84.2 | | | |
| | MIN | 67 | 50 | 63 | 64 | 60 | 61 | 67 | 60 | 57 | 56 | 56 | 63 | 68 | 66 | 63 | 65 | 64 | 70 | 68 | 67 | 66 | 64 | 51 | 63 | 70 | 57 | 69 | 75 | 62 | 52 | | 62.8 | | | |
| MILFORD 2 WSH | MAX | 72 | 73 | 78 | 78 | 82 | 84 | 82 | 79 | 78 | 77 | 86 | 91 | 92 | 93 | 91 | 93 | 91 | 88 | 88 | 79 | 73 | 81 | 85 | 92 | 89 | 86 | 92 | 93 | 90 | 77 | | 84.4 | | | |
| | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | 57 | 47 | 56 | 62 | 59 | 59 | 66 | 60 | 58 | 53 | 54 | 61 | 65 | 63 | 61 | 65 | 65 | 64 | 69 | 69 | 66 | 65 | 51 | 54 | 65 | 54 | 66 | 80 | 62 | 49 | | 60.8 | | | |
| | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | | DAY OF MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL OR 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 | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELTSVILLE | WIND | 8 | 13 | 26 | 31 | 12 | 9 | 25 | 27 | 13 | 19 | 8 | 6 | 4 | 2 | 5 | 11 | 13 | 17 | 8 | 6 | 13 | 12 | 13 | 5 | 15 | 13 | 4 | 8 | 13 | 5 | |
| | EVAP | 17 | 12 | 20 | 21 | 35 | 21 | - | 17 | 24 | 23 | 22 | 19 | 24 | 20 | 26 | 27 | 26 | 31 | 24 | 11 | - | 6 | 24 | 26 | 26 | 30 | 22 | 24 | 19 | 10 | |
| | MAX | 86 | 74 | 86 | 86 | 82 | 93 | 92 | 87 | 82 | 89 | 93 | 96 | 101 | 111 | 101 | 99 | - | 96 | 96 | 97 | 87 | 75 | 85 | 97 | 95 | 96 | 101 | 96 | 84 | | |
| | MIN | 61 | 55 | 55 | 63 | 66 | 64 | 67 | 66 | 62 | 59 | 58 | 68 | 67 | 68 | 71 | 70 | - | 70 | 70 | 70 | 70 | 66 | 67 | 66 | 68 | 65 | 66 | 65 | 66 | 65 | |
| UPPER MARLBORO 3 NNW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WIND | 18 | 5 | 9 | 22 | 4 | 7 | 24 | 8 | 12 | 19 | 7 | 8 | 6 | 5 | 7 | 5 | 7 | 6 | 7 | 6 | 10 | 24 | 8 | 5 | 7 | 18 | 9 | 18 | 28 | 12 | |
| | EVAP | 21 | 13 | 23 | 17 | 10 | 25 | 31 | 10 | 35 | 25 | 23 | 24 | 29 | 22 | 28 | 27 | 27 | 28 | 23 | 21 | 16 | 9 | 27 | 25 | 24 | 33 | 27 | 17 | 26 | 15 | |
| | MAX | 83 | 75 | 84 | 83 | 78 | 92 | 91 | 87 | 88 | 86 | 90 | 96 | 96 | 99 | 97 | 97 | 93 | 98 | 97 | 92 | 85 | 75 | 90 | 94 | 94 | 92 | 93 | 97 | 92 | 80 | |
| | MIN | 60 | 55 | 55 | 63 | 63 | 64 | 67 | 67 | 61 | 59 | 59 | 63 | 67 | 69 | 70 | 71 | 71 | 71 | 71 | 71 | 68 | 65 | 62 | 66 | 67 | 64 | 64 | 70 | 66 | 65 | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAVAGE RIVER DAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WIND | 26 | 24 | 21 | 20 | 19 | 23 | 32 | 33 | 36 | 33 | 24 | 17 | 22 | 24 | 23 | 25 | 26 | 17 | 17 | 14 | 19 | 37 | 45 | 16 | 48 | 41 | 20 | 25 | 32 | 38 | |
| | EVAP | 22 | 12 | 12 | 5 | 3 | 10 | 36 | 15 | 26 | 18 | 4 | 25 | 17 | 13 | 20 | 17 | 13 | 14 | - | 20 | - | 15 | 12 | 21 | 22 | 9 | - | 0 | 20 | 6 | |
| | MAX | 72 | 62 | 70 | 64 | 73 | 88 | 86 | 77 | 81 | 78 | 83 | 89 | 88 | 85 | 93 | 89 | 80 | 85 | 82 | 84 | 83 | 66 | 80 | 94 | 92 | 95 | 96 | 93 | 81 | 74 | |
| | MIN | 53 | 48 | 47 | 55 | 56 | 56 | 56 | 56 | 51 | 51 | 57 | 57 | 60 | 60 | 61 | 60 | 60 | 61 | 62 | 65 | 65 | 60 | 58 | 58 | 61 | 55 | 55 | 60 | 65 | 60 | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GEORGETOWN 5 SW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WIND | 64 | 14 | 44 | 22 | 83 | 47 | 71 | 63 | 29 | 65 | 38 | 62 | 42 | 35 | 26 | 38 | 30 | 29 | 34 | 27 | 22 | 45 | 41 | 32 | 63 | 59 | 46 | 14 | 25 | 46 | |
| | EVAP | 21 | 11 | 25 | 15 | 17 | 31 | 18 | 22 | 20 | 26 | 19 | 30 | 29 | 32 | 25 | 28 | 22 | 14 | 43 | 16 | - | 25 | 29 | 27 | 25 | 42 | 32 | 38 | 44 | 16 | |
| | MAX | 72 | 72 | 76 | 82 | 81 | 92 | 90 | 90 | 90 | 86 | 88 | 92 | 96 | 99 | 98 | 100 | 93 | 101 | 94 | 95 | 90 | 78 | 80 | 97 | 96 | 92 | 96 | 96 | 96 | 83 | |
| | MIN | 62 | 56 | 55 | 69 | 66 | 66 | 67 | 65 | 62 | 59 | 59 | 61 | 65 | 72 | 69 | 70 | 71 | 72 | 71 | 74 | 69 | 68 | 60 | 66 | 70 | 65 | 70 | 73 | 67 | 60 | |

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
JUNE 1983

| STATION | INDEX NO. | DIVISION | COUNTY | LATITUDE | LONGITUDE | ELEVATION (IN FEET) | OBSERVATION TIME AND TABLES | | | | OBSERVER | | |
|------------------------|-----------|----------|--------------|----------|-----------|------------------------|-----------------------------------|--------|------|------------------------|----------|-------------------------|------------------------|
| | | | | | | | LOCAL STD TIME | | | | | | |
| | | | | | | | TEMP | PRECIP | EVAP | SPECIAL (SEE NOTES) | | | |
| MARYLAND | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 0015 | 06 | HARFORD | 39 28 | 76 10W | 57 | 16 | 16 | | C | H | ROSS AVIATION INC | |
| ANNAPOLIS POLICE BRKS | 0193 | 04 | ANNE ARUNDEL | 38 59 | 76 30W | 25 | 17 | 17 | | | H | ANNAPOLIS POLICE BRKS | |
| ASSATEAGUE STATE PARK | 0335 | 01 | WORCESTER | 38 14 | 75 8W | | 17 | 17 | | | H | ASSATEAGUE STATE PARK | |
| BALTIMORE WSO AP | 0446 | 04 | ANNE ARUNDEL | 39 11 | 76 40W | 196 | MID | MID | | | H | NATL WEATHER SERVICE | |
| BALTIMORE WSO CI | 0470 | 06 | BALTO CITY | 39 17 | 76 37W | 91 | MID | MID | | | C | OCMI COMMANDING OFFICER | |
| BELTSVILLE | 0700 | 04 | PRN GEORGES | 39 2 | 76 53W | 120 | | 8 | 8 | | B | U S DEPT OF AGRICULTURE | |
| BENSON POLICE BARRACKS | 0732 | 06 | HARFORD | 39 30 | 76 23W | 369 | | 17 | 17 | | C | MARYLAND STATE POLICE | |
| BOYDS 2 NW | 1032 | 06 | MONTGOMERY | 39 13 | 77 20W | 580 | | 18 | 18 | | | HUNTER F STALEY | |
| BRIGHTON DAM | 1125 | 06 | MONTGOMERY | 39 12 | 77 1W | 330 | | MID | | | | WASH SUB SANY COMM | |
| CAMBRIDGE WTR TRMT PL | 1385 | 02 | DORCHESTER | 38 34 | 76 4W | 5 | 16 | 16 | | | H | WASTEWATER TRMT PLANT | |
| CATOCTIN MOUNTAIN PARK | 1530 | 06 | FREDERICK | 39 39 | 77 29W | 1610 | | 17 | 17 | | C | CATOCTIN MOUNTAIN PARK | |
| CENTREVILLE | 1627 | 05 | QUEEN ANNES | 39 3 | 76 4W | 60 | | 17 | 17 | | H | MICHAEL B CATE | |
| CHESTERTOWN | 1750 | 05 | KENT | 39 13 | 76 4W | 40 | 23 | 23 | | | H | THOMAS W ELIASON JR | |
| CLARKSVILLE 3 NNE | 1862 | 06 | HOWARD | 39 15 | 76 56W | 365 | | 17 | 17 | | C | UNIVERSITY OF MARYLAND | |
| COLLEGE PARK | 1995 | 04 | PRN GEORGES | 38 59 | 76 57W | 90 | | 9 | 9 | | C | UNIVERSITY OF MARYLAND | |
| CONOWINGO DAM | 2060 | 06 | HARFORD | 39 39 | 76 10W | 40 | MID | MID | | | H | SUSQUEHANNA ELECTRIC CO | |
| CRISFIELD SOMERS COVE | 2215 | 01 | SOMERSET | 37 59 | 75 52W | 8 | | 17 | 17 | | | INACTIVE 03/31/83 | |
| CUMBERLAND 2 | 2282 | 07 | ALLEGANY | 39 38 | 78 45W | 700 | | 18 | 7 | | H | TIMOTHY B THOMAS | |
| DALECARLIA RESVR D C | 2325 | 04 | | 38 56 | 77 7W | 146 | | 17 | 17 | | | U S CORPS OF ENGINEERS | |
| DAMASCUS 2 SW | 2335 | 06 | MONTGOMERY | 39 16 | 77 14W | 720 | | 19 | 19 | | H | RICHARD W SCHWERDT | |
| DENTON 2 E | 2523 | 02 | CAROLINE | 38 53 | 75 48W | 50 | | 17 | 17 | | H | ARTHUR REINHOLD | |
| EDGEMONT | 2770 | 07 | WASHINGTON | 39 40 | 77 33W | 905 | | | 7 | | | JOHN W HARNE | |
| EMMITSBURG 2 SE | 2906 | 06 | FREDERICK | 39 41 | 77 18W | 416 | | 17 | 17 | | H | MRS LUCILLE K BEALE | |
| FREDRICK POLICE BRKS | 3348 | 06 | FREDERICK | 39 25 | 77 26W | 380 | | 17 | 17 | | H | MARYLAND STATE POLICE | |
| FREDERICK 3 E | 3355 | 06 | FREDERICK | 39 24 | 77 22W | 385 | | | 7 | | | MISS I MARY STALEY | |
| FROSTBURG 2 | 3415 | 07 | ALLEGANY | 39 40 | 78 56W | 2170 | | 7 | 7 | | H | LEE K CLOSE | |
| GLENN DALE BELL STN | 3675 | 04 | PRN GEORGES | 38 58 | 76 48W | 150 | | 16 | 16 | | H | USDA PLT INTRODUCT STN | |
| HAGERSTOWN | 3975 | 07 | WASHINGTON | 39 39 | 77 44W | 660 | | 18 | 18 | | | HAGERSTOWN RESERVOIR | |
| HANCOCK FRUIT LAB | 4030 | 07 | WASHINGTON | 39 42 | 78 11W | 428 | | 16 | 16 | | C | H | SHARPSBURG RESEARCH C |
| LA PLATA 1 W | 5080 | 03 | CHARLES | 38 32 | 77 0W | 140 | | 18 | 18 | | H | C RUSSELL LEVERING | |
| LAUREL 3 W | 5111 | 04 | PRN GEORGES | 39 6 | 76 54W | 400 | MID | MID | | | | WASH SUB SANY COMM | |
| MC HENRY 2 NW | 5832 | 08 | GARRETT | 39 35 | 79 22W | 2680 | | 8 | 8 | | C | H | JOSEPH F JOHENNING |
| MECHANICSVILLE 1 SE | 5865 | 03 | ST MARYS | 38 26 | 76 43W | 160 | | 17 | 17 | | | MRS EDITH R BENNETT | |
| MERRILL | 5894 | 08 | GARRETT | 39 36 | 79 5W | 1790 | | | 9 | | | DELWOOD E MERRILL | |
| MILLINGTON 2 WNW | 5985 | 05 | KENT | 39 16 | 75 52W | 30 | | 17 | 17 | | H | MRS GERALDINE CONNOLLEY | |
| NATIONAL ARBORETUM D C | 6350 | 04 | | 38 54 | 76 59W | 50 | | 8 | 8 | | H | U S NATL ARBORETUM | |
| OAKLAND 1 SE | 6620 | 08 | GARRETT | 39 24 | 79 24W | 2420 | | 17 | 17 | | H | MS CARA M WEBER | |
| OWINGS FERRY LANDING | 6770 | 03 | CALVERT | 38 41 | 76 40W | 160 | | 17 | 17 | | H | JAMES E BOURNE JR | |
| PARKTON 2 SW | 6844 | 06 | BALTIMORE | 39 38 | 76 42W | 600 | | 23 | 23 | | C | H | JOHN R FOX |
| PATUXENT RIVER | 6915 | 03 | ST MARY'S | 38 20 | 76 25W | 38 | MID | MID | | | C | NAVAL WEATHER SERVICE | |
| POTOMAC FILTER PLANT | 7272 | 06 | MONTGOMERY | 39 2 | 77 15W | 270 | | | MID | | | POTOMAC WATER FILT PLT | |
| PRINCESS ANNE | 7330 | 01 | SOMERSET | 38 13 | 75 41W | 20 | | 17 | 17 | | H | MARYLAND ST COLLEGE FRM | |
| ROCKVILLE 3 NE | 7705 | 06 | MONTGOMERY | 39 7 | 77 6W | 400 | | 16 | 16 | | H | INACTIVE 03/31/83 | |
| ROYAL OAK 2 SSW | 7806 | 02 | TALBOT | 38 43 | 76 11W | 10 | | 18 | 18 | | H | JOHN L SWAINE JR | |
| SALISBURY | 8000 | 01 | WICOMICO | 38 22 | 75 35W | 10 | | 17 | 17 | | | CITY OF SALISBURY | |
| SALISBURY FAA AP | 8005 | 01 | WICOMICO | 38 20 | 75 31W | 48 | MID | MID | | | H | FAA | |
| SAVAGE RIVER DAM | 8065 | 08 | GARRETT | 39 31 | 79 8W | 1495 | | 8 | 8 | | B | C | U S CORPS OF ENGINEERS |
| SNOW HILL 4 N | 8380 | 01 | WORCESTER | 38 14 | 75 23W | 28 | | 18 | 18 | | H | CURTIS E SHOCKLEY | |
| SOLOMONS | 8405 | 03 | CALVERT | 38 19 | 76 27W | 12 | | 8 | 8 | | | H | CHESAPEAKE BIOL LAB |
| TOWSON | 8877 | 06 | BALTIMORE | 39 23 | 76 34W | 390 | | 18 | 18 | | | H | BENDIX FRIEZ |
| UNIONVILLE | 9030 | 06 | FREDERICK | 39 27 | 77 11W | 430 | | 18 | 18 | | C | H | GEORGE P VON EIFF JR |
| UPPER MARLBORO 3 NNW | 9070 | 04 | PRN GEORGES | 38 52 | 76 47W | 98 | | 8 | 8 | | B | H | TOBACCO EXP FARM |
| VIENNA | 9140 | 02 | DORCHESTER | 38 29 | 75 50W | 12 | | 18 | 18 | | H | DEL MARVA POWER & LIGHT | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

MARYLAND AND
DELAWARE
JUNE 1983

| STATION | INDEX NO. | DIVISION | COUNTY | LATITUDE | LONGITUDE | ELEVATION (IN FEET) | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|-------------------------|-----------|----------|------------|----------|-----------|------------------------|-----------------------------------|--------|------|------------------------|--|
| | | | | | | | LOCAL STD TIME | | | | |
| | | | | | | | TEMP | PRECIP | EVAP | SPECIAL (SEE NOTES) | |
| WESTMINSTER POLICE BRK | 9440 | 06 | CARROLL | 39 33 | 76 58W | 765 | 17 | 17 | | | MARYLAND STATE POLICE JOHN A HILTZ |
| WOODSTOCK | 9750 | 06 | BALTIMORE | 39 20 | 76 52W | 460 | 18 | 18 | | H | |
| DELAWARE | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 1330 | 02 | SUSSEX | 38 45 | 75 37W | 50 | 17 | 17 | | H | WILLIAM M RAY STATE DIV OF HIGHWAYS UNIV OF DEL SUBSTATION BOARD OF PUBLIC WORKS PIONEER HIBRED CORN CO MRS BERNARD FRANKEL UNIV OF DELAWARE |
| DOVER | 2730 | 02 | KENT | 39 9 | 75 31W | 30 | 17 | 17 | | H | |
| GEORGETOWN 5 SW | 3570 | 02 | SUSSEX | 38 38 | 75 27W | 45 | 8 | 8 | 8C | H | |
| LEWES | 5320 | 02 | SUSSEX | 38 46 | 75 8W | 15 | 17 | 17 | | H | |
| MIDDLETOWN 1 NSW | 5852 | 01 | NEW CASTLE | 39 26 | 75 45W | 60 | 16 | 16 | | H | |
| MILFORD 2 NSW | 5915 | 02 | SUSSEX | 38 54 | 75 28W | 30 | 17 | 17 | | H | |
| NEWARK UNIVERSITY FARM | 6410 | 01 | NEW CASTLE | 39 40 | 75 44W | 90 | 17 | 17 | 17C | H | |
| WILMINGTON WSO AP | R 9595 | 01 | NEW CASTLE | 39 40 | 75 36W | 79 | MID | MID | | C HJ | |
| WILMINGTON PORTER RESVR | 9605 | 01 | NEW CASTLE | 39 46 | 75 32W | 274 | MID | MID | | H | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JUNE 1983

DEFINITIONS

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

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

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

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

DIVISIONS: Areas within a state of similar climatological characteristics.

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

LETTERS AND SYMBOLS USED IN THE DATA TABLES

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

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

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

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

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

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

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

// Gage equipped with a windshield.

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

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

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

R Amounts from recording gage.

T Trace. An amount too small to measure.

LETTERS AND SYMBOLS USED IN THE STATION INDEX TABLE

R Amounts from recording gage.

// Gage equipped with a windshield.

AR Observation made "after rain" has occurred.

C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording gage unless indicated by an R.

G Observations appear in "Soil Temperatures" table.

J Station also published as a Local Climatological Data publication.

H Observations appear in "Snowfall and Snow on Ground" table.

MID Observation time is midnight.

SR Observation time near sunrise.

SS Observation time near sunset.

VAR Observation time varies.

MO Gage read once monthly, usually the last day.

OC Gage readings vary from a few weeks to several months.

WI Gage read weekly or irregularly.

WM Gage read weekly and last day of month.

Thermometers located in a rooftop shelter.

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

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

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

SUBSCRIPTION, PRICE AND ORDERING INFORMATION AVAILABLE FROM:
THE NATIONAL CLIMATIC DATA CENTER, FEDERAL BUILDING,
ASHEVILLE, N.C. 28801 (ATTN: PUBLICATIONS)

USCOMM-NOAA-ASHEVILLE, N.C. JUNE 1983-0895

NOTE: Special Weather Summaries are provided by the State Climatologist for inclusion in the published Climatological Data Bulletin. These summaries are not included in the archived microfiche copies of the CD bulletin.

M A R Y L A N D A N D D E L A W A R E - J U N E 1 9 8 3

SPECIAL WEATHER SUMMARY

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

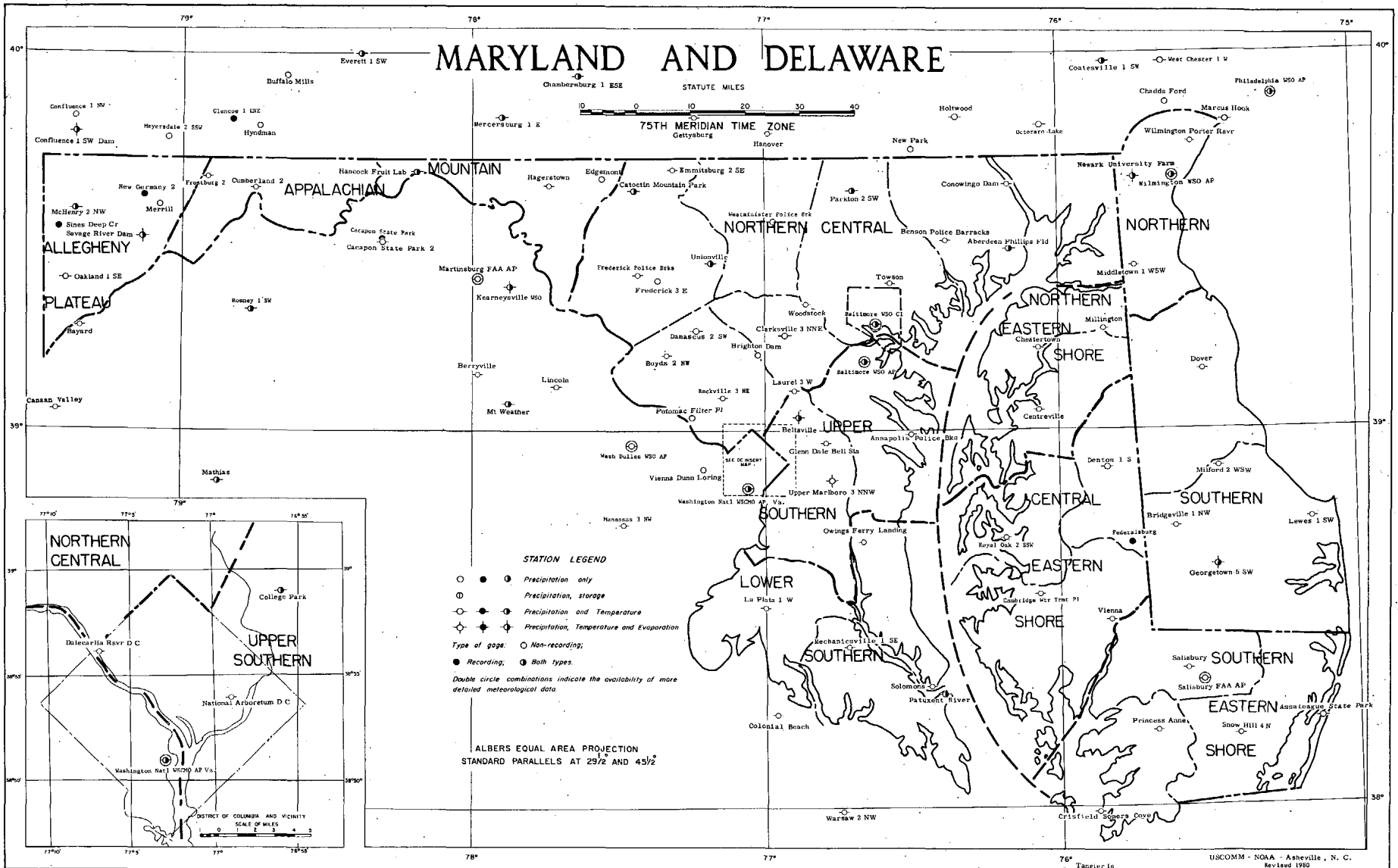
The month's temperatures averaged a little above normal. In Maryland temperatures averaged 72.1° (normal 71.0°), while in Delaware they averaged 72.2° (normal 71.6°). The longest continuous warm spell was eight days, 12th to 19th, when daily temperatures at the National Weather Service offices averaged 5° above normal at Baltimore Airport and 6° above normal at both Wilmington Airport and Washington National Airport. Cool periods were short, one or two days within these time periods, 1st to 2nd, 9th to 10th, 21st to 23rd and 29th to 30th; otherwise, daily temperatures were near normal. Highest temperatures ranged mostly in the low to mid 90's except in the mid to upper 80's in the Garrett County area; lowest temperatures ranged from upper 30's to mid 40's in western Maryland and from the 40's to mid 50's elsewhere.

Monthly rainfall averaged 4.42 inches in Maryland (normal 3.81 inches) and 5.31 inches in Delaware (normal 3.66 inches). This was Delaware's wettest June since 1972, the month of Tropical Storm Agnes. Heaviest totals were found in central and north-central Maryland, where many exceeded 5 inches. Very heavy totals were reported at the following weather stations of Maryland: Seabrook, 12.88 inches; Glenn Dale, 11.27 inches, and Bowie (North), 8.53 inches, all three stations in northern Prince George's County; Henderson, 9.04 inches, Caroline County; and Charlesville, 8.10 inches, Frederick County. Maryland's least totals, less than 2.50 inches, were found in western and southern areas, including the southern Eastern Shore. La Plata recorded only 1.24 inches for the month and Nanjemoy 1.59 inches; both stations are located in Charles County. In Delaware, most monthly totals were less than 4 inches in the north and over 5 inches in the south.

Severe thunderstorms gave some very heavy rainfall during the period, 17th to 21st: Seabrook, 5.05 inches on the 19th and 3.00 inches on the 20th; Glenn Dale, 5.87 inches on the 20th and 2.28 inches on the 21st; Charlesville, 4.52 inches on the 18th and 2.04 inches on the 20th; and Henderson, 1.33 inches on the 19th and 4.95 inches on the 21st. On the 28th, flooding resulting from a severe thunderstorm in the Broad Branch area of Rock Creek Park in the District of Columbia caused one death by drowning when a man was swept from his automobile.

Based on the record at the National Weather Service offices, June had more than the usual number of clear days (with long-term average in parenthesis): Baltimore, MD, 14(8); Washington, DC, 13(8); and Wilmington, DE, 16(7).

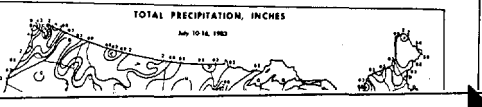
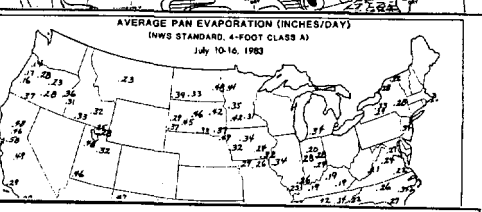
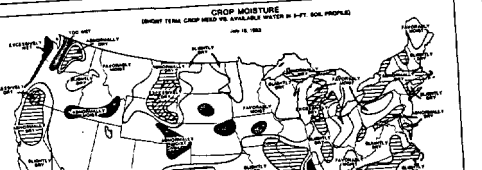
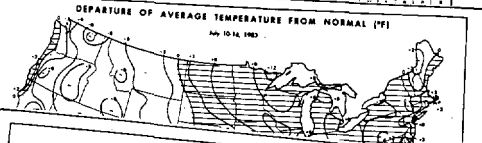
MARYLAND AND DELAWARE



SUBSCRIBE TO THE

Weather Data for the Week Ending July 16, 1983

| STATE AND STATION | TEMPERATURE °F | | | | | PRECIPITATION | | | | | RELATIVE HUMIDITY % | | | | | NUMBER OF DAYS | | | | |
|-------------------|----------------|-----|---------|------------|------------|---------------|----------|-----------|---------|---------|---------------------|---------|---------|---------|---------|----------------|---------|---------|--|--|
| | MAX | MIN | AVERAGE | WIND CHILL | FEELS LIKE | TOTAL | WET DAYS | WET HOURS | WET MIN | WET SEC | WET MIN | WET SEC | WET MIN | WET SEC | WET MIN | WET SEC | WET MIN | WET SEC | | |
| ALABAMA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ALASKA | 68 | 48 | 58 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ARIZONA | 102 | 72 | 87 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ARKANSAS | 92 | 68 | 80 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CALIFORNIA | 88 | 62 | 75 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| COLORADO | 82 | 52 | 67 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| CONNECTICUT | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| DELAWARE | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| FLORIDA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| GEORGIA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ILLINOIS | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| INDIANA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| IOWA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| KANSAS | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| KENTUCKY | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Louisiana | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MAINE | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MARYLAND | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MASSACHUSETTS | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MICHIGAN | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MINNESOTA | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MISSISSIPPI | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MISSOURI | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| MONTANA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEBRASKA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEVADA | 102 | 72 | 87 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEW HAMPSHIRE | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEW JERSEY | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEW MEXICO | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NEW YORK | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NORTH CAROLINA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| NORTH DAKOTA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| OHIO | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| OKLAHOMA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| OREGON | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| PENNSYLVANIA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| RHODE ISLAND | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SOUTH CAROLINA | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| SOUTH DAKOTA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| TENNESSEE | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| TEXAS | 92 | 72 | 82 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| UTAH | 102 | 72 | 87 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| VIRGINIA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WASHINGTON | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WEST VIRGINIA | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WISCONSIN | 72 | 52 | 62 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| WYOMING | 82 | 62 | 72 | | | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |



WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration,
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service
and World Agricultural and
Agricultural Outlook Board

Volume 70, No. 29 WASHINGTON, DC July 19, 1983

National Weather Summary
July 10-16



THURSDAY...After early morning cool weather over the northern Plains and Rockies, and over much of the northeast, hot weather dominated much of the southern Plains, the Southwest, and much of the East. There were a few very light showers from Arizona to Colorado, along the western slopes of the Appalachians, and in the northwest. A disturbance in northeastern Mexico triggered showers and thunderstorms in southeastern Texas.

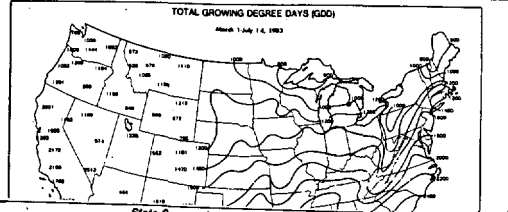
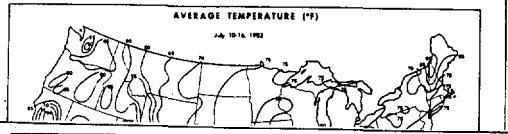
FRIDAY...It was another cool morning in much of the Rockies, the Northwest, and in the Great Lakes area. However, unusually hot weather continued the area. However, unusually hot weather continued the area. However, unusually hot weather continued the area. However, unusually hot weather continued the area.

Contents

| | |
|---|--------|
| National Weather Summary | Page 1 |
| Precipitation & Pan Evaporation | 2 |
| Crop Moisture & Crop Moisture Index | 3 |
| Drought Severity & Drought Severity Index | 4 |
| Temperature & Humidity | 5 |
| Growing Degree Days | 6 |
| Average Pan Evaporation & Departure | 7 |
| Weather Data for Selected Cities | 10 |
| International Agricultural Summary | 11 |
| Crop Progress & July Crop Production | 12 |
| Highlights | 13 |
| State Summaries of Weather & Agriculture | 14 |
| International Crop & Weather Summary | 15 |
| Normal Total Precipitation for August | 16 |
| Subscription & Mailing Permit Information | 17 |

SUNDAY...A disturbance moving through Montana and southern Canada triggered severe weather through most of the State. Another system moved through the same area, bringing heavy rain to the northeast, which has been extremely dry. The disturbance and heavy rain, both in the northeast and northeastern parts of the Nation were unusually cool. But afternoon high temperatures in the central portion reached into the high 80s.

MONDAY...Usually cool weather continued in the northeast and over the Plateau and the Rockies. The cool weather began moving over the northern Plains. Very warm weather pushed northward through the central Mississippi Valley and into Michigan. Hot weather was in central California and reached



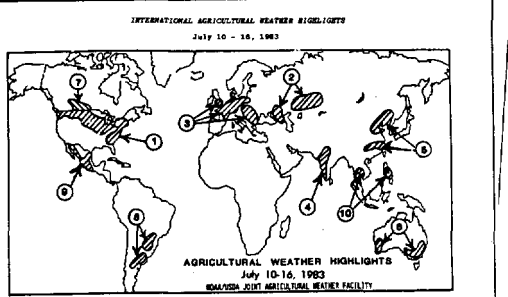
State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each month by the State Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.00 to 1.50 in. All two-...
ARKANSAS: Cooler than normal week. Warm...
CALIFORNIA: Another dry week with variable...
ALABAMA: Clouds and rain across northern valleys...
ARIZONA: Clear and hot across southern valleys...
ARKANSAS: Clear and hot across southern valleys...
ALABAMA: Clear and hot across southern valleys...
ARIZONA: Clear and hot across southern valleys...
ARKANSAS: Clear and hot across southern valleys...
ALABAMA: Clear and hot across southern valleys...
ARIZONA: Clear and hot across southern valleys...
ARKANSAS: Clear and hot across southern valleys...

CROP PROGRESS
FOR 1983 (ENDING JULY 17, 1983)

| STATE | WHEAT | CORN | SORGHUM | SOYBEANS | COLE | COTTON |
|------------|-------|------|---------|----------|------|--------|
| CALIF | 100 | 100 | 100 | 100 | 100 | 100 |
| COLO | 100 | 100 | 100 | 100 | 100 | 100 |
| ILL | 100 | 100 | 100 | 100 | 100 | 100 |
| IND | 100 | 100 | 100 | 100 | 100 | 100 |
| IOWA | 100 | 100 | 100 | 100 | 100 | 100 |
| KANSAS | 100 | 100 | 100 | 100 | 100 | 100 |
| MO | 100 | 100 | 100 | 100 | 100 | 100 |
| NEBRASKA | 100 | 100 | 100 | 100 | 100 | 100 |
| NEVADA | 100 | 100 | 100 | 100 | 100 | 100 |
| NEW MEXICO | 100 | 100 | 100 | 100 | 100 | 100 |
| OHIO | 100 | 100 | 100 | 100 | 100 | 100 |
| OKLAHOMA | 100 | 100 | 100 | 100 | 100 | 100 |
| TEXAS | 100 | 100 | 100 | 100 | 100 | 100 |



- UNITED STATES**... Hot, dry weather in the Corn Belt and eastern states is causing some soil moisture shortage and localized crop stress, as the critical reproductive stage begins. Rain over the Northeast are finally relieving dryness in eastern Montana. Abundant sunshine favors wheat harvest in the central and northern Plains.
- USSR**... In European USSR, showers are benefiting crops in many areas, but more rain is needed in the southeast for corn in the reproductive stage. In the New Lands, scattered precipitation and unseasonably warm temperatures are stressing spring grains in the heading stage.
- EUROPE**... crop...

Keep current. If you would like to keep up to date on weather and crop progress all year, subscribe to the **Weekly Weather and Crop Bulletin**. Send a \$25 check payable to the Department of Commerce-NOAA to: Agricultural Weather Facility, USDA, South Building, Room 5844, Washington, DC 20250.

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