

CLIMATOLOGICAL DATA

MARYLAND AND DELAWARE

JULY 1981

VOLUME 85 NUMBER 7



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THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
AND IS COMPILED FROM INFORMATION RECEIVED AT THE
NATIONAL CLIMATIC CENTER, ASHEVILLE NORTH CAROLINA"
28801

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noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE / NATIONAL CLIMATIC CENTER ASHEVILLE, NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

MARYLAND AND
DELAWARE
JULY 1981

| | | | | | |
|-------------------------------|----------------------|------|------|------|----|
| HIGHEST TEMPERATURE: | BALTIMORE WSO CI | MD. | 100 | DATE | 09 |
| LOWEST TEMPERATURE: | OAKLAND 1 SE | MD. | 42 | DATE | 30 |
| GREATEST TOTAL PRECIPITATION: | UPPER MARLBORO 3 NNW | MD. | 6.45 | | |
| LEAST TOTAL PRECIPITATION: | BRIDGEVILLE 1 NW | DEL. | 1.74 | | |
| GREATEST 1 DAY PRECIPITATION: | SNOW HILL 4 N | MD. | 3.23 | DATE | 26 |

SUPPLEMENTAL DATA

| STATION | WIND DATA (SPEED IN MPH) | | | | | | | RELATIVE HUMIDITY AVERAGE (%) | | | | NUMBER OF DAYS WITH PRECIPITATION (INCHES) | | | | | | PERCENTAGE OF POSSIBLE SUNSHINE | AVERAGE SKY COVER (TENTHS) SUNRISE-SUNSET | |
|-----------------------|-----------------------------|--------------------|------------------|--------------|-----------|------|-----------|----------------------------------|----|----|-------|--|---------|---------|-----------|-----------|-------|------------------------------------|---|----|
| | RESULTANT DIRECTION | RESULTANT SPEED | AVERAGE SPEED | FASTEST MILE | | | TIME ZONE | | | | TRACE | .01-.09 | .10-.49 | .50-.99 | 1.00-1.99 | OVER 1.99 | TOTAL | | | |
| | | | | SPEED | DIRECTION | DATE | EASTERN | | | | | | | | | | | | | |
| | | | | | | | 01 | 07 | 13 | 19 | | | | | | | | | | |
| BALTIMORE WSO AP MD | 29 | 2.4 | 7.6 | 32 | W | 20 | 77 | 76 | 56 | 63 | 4 | 2 | 4 | 0 | 1 | 1 | 12 | 70 | 05 | 25 |
| WILMINGTON WSO AP DEL | 27 | 2.3 | 9.1 | 22+ | 30 | 29 | 74 | 73 | 51 | 60 | 6 | 1 | 4 | 2 | 0 | 0 | 13 | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1981

| 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 | | | NO. OF DAYS | | | | | | |
| | | | | | | | | | | | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW | | | | | TOTAL | DEPARTURE FROM NORMAL | GREATEST DAY | DATE | TOTAL | MAX. DEPTH ON GROUND | DATE | .10 OR MORE | .50 OR MORE | 1.00 OR MORE |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | 86.2 | 70.0 | 78.1 | | 98 | 8 | 5 | 8 | 0 | 413 | 9 | 0 | 0 | 0 | 3.92 | | 1.78 | 4 | .0 | 0 | | 8 | 2 | 1 | | | | |
| CRISFIELD SOMERS COVE | 87.4 | 66.7 | 78.6 | .7 | 97 | 8 | 5 | 8 | 0 | 413 | 9 | 0 | 0 | 0 | 3.55 | .35 | 1.44 | 4 | .0 | 0 | | 7 | 3 | 1 | | | | |
| PRINCESS ANNE | 88.3 | 66.9 | 76.7 | | 95 | 10+ | 5 | 0 | 0 | 399 | 9 | 0 | 0 | 0 | 3.78 | | 1.34 | 4 | .0 | 0 | | 7 | 1 | 1 | | | | |
| SALISBURY | 86.7 | 66.5 | 77.1 | .2 | 95 | 9 | 5 | 7 | 0 | 403 | 9 | 0 | 0 | 0 | 3.78 | .11 | 1.34 | 4 | .0 | 0 | | 7 | 1 | 2 | | | | |
| SALISBURY FAA AP | 85.5 | 66.1 | 75.8 | | 95 | 9 | 5 | 6 | 0 | 400 | 9 | 0 | 0 | 0 | 3.55 | | 1.06 | 4 | .0 | 0 | | 7 | 3 | 1 | | | | |
| SNOW HILL 4 N | 86.6 | 64.9 | 75.8 | .5 | 95 | 21+ | 5 | 5 | 0 | 339 | 10 | 0 | 0 | 0 | 5.14 | .77 | 3.23 | 2 | .0 | 0 | | 7 | 2 | 1 | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DENTON 2 E | 88.5 | 63.5 | 76.0 | -1.1 | 97 | 9 | 5 | 0 | 0 | 346 | 13 | 0 | 0 | 0 | 1.76 | -2.94 | 2.79 | 4 | .0 | 0 | | 6 | 1 | 0 | | | | |
| ROYAL OAK 2 SSW | 85.7 | 69.7 | 77.5 | | 95 | 9 | 6 | 0 | 0 | 395 | 9 | 0 | 0 | 0 | 5.29 | | 1.17 | 4 | .0 | 0 | | 8 | 3 | 1 | | | | |
| VIENNA | 89.4 | 65.5 | 77.5 | | 97 | 9 | 5 | 5 | 0 | 395 | 9 | 0 | 0 | 0 | 3.13 | | 1.15 | 2 | .0 | 0 | | 6 | 2 | 1 | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | 83.9 | 66.5 | 75.2 | -1.2 | 94 | 20 | 5 | 5 | 0 | 326 | 5 | 0 | 0 | 0 | 4.70 | .22 | 1.57 | 2 | .0 | 0 | | 6 | 5 | 1 | | | | |
| MECHANICSVILLE 1 SE | 86.6 | 64.4 | 75.5 | | 95 | 9 | 5 | 1 | 0 | 332 | 11 | 0 | 0 | 0 | 4.85 | | 1.00 | 2 | .0 | 0 | | 11 | 5 | 1 | | | | |
| OWINGS FERRY LANDING | 83.1 | | | | 93 | 8 | 5 | 3 | 0 | 328 | 12 | 0 | 0 | 0 | | | | | .0 | 0 | | | | | | | | |
| PATUXENT RIVER | 86.7 | 69.6 | 78.2 | | 95 | 9 | 6 | 0 | 0 | 417 | 10 | 0 | 0 | 0 | 5.68 | | 2.77 | 4 | .0 | 0 | | 5 | 3 | 2 | | | | |
| SOLOMONS | 87.5 | 70.6 | 79.1 | .4 | 95 | 10 | 6 | 0 | 0 | 444 | 0 | 0 | 0 | 0 | 4.86 | .40 | | | .0 | 0 | | | | | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 87.8 | 68.7 | 78.3 | 1.6 | 97 | 9 | 5 | 8 | 0 | 416 | 11 | 0 | 0 | 0 | 4.68 | .80 | 3.00 | 4 | .0 | 0 | | 6 | 2 | 1 | | | | |
| BALTIMORE WSO AP | 86.7 | 67.9 | 77.3 | .7 | 96 | 20+ | 5 | 6 | 0 | 388 | 12 | 0 | 0 | 0 | 4.59 | .52 | 2.30 | 4 | .0 | 0 | | 6 | 2 | 0 | | | | |
| BELTSVILLE | 86.3 | 65.0 | 75.7 | | 94 | 21+ | 5 | 3 | 0 | 338 | 8 | 0 | 0 | 0 | 3.38 | | 1.78 | 2 | .0 | 0 | | 5 | 0 | 1 | | | | |
| COLLEGE PARK | 86.8 | 67.9 | 77.4 | .5 | 96 | 20+ | 5 | 6 | 0 | 393 | 12 | 0 | 0 | 0 | 4.46 | .42 | 1.03 | 2 | .0 | 0 | | 8 | 4 | 1 | | | | |
| DALECARLIA RESVR D C | 87.2 | 66.2 | 76.7 | | 96 | 9 | 5 | 3 | 0 | 371 | 12 | 0 | 0 | 0 | 5.99 | | 2.29 | 4 | .0 | 0 | | 6 | 5 | 3 | | | | |
| GLENN DALE BELL STA | 86.6 | 63.5 | 75.1 | .7 | 94 | 19+ | 5 | 0 | 0 | 318 | 12 | 0 | 0 | 0 | 5.09 | .59 | 1.47 | 4 | .0 | 0 | | 8 | 5 | 1 | | | | |
| LAUREL 3 W | 87.0 | 68.7 | 77.9 | | 95 | 21+ | 6 | 0 | 0 | 405 | 11 | 0 | 0 | 0 | 3.48 | | 1.05 | 2 | .0 | 0 | | 7 | 2 | 4 | | | | |
| NATIONAL ARBORETUM D C | 86.5 | 67.4 | 77.0 | | 98 | 20 | 5 | 7 | 0 | 376 | 11 | 0 | 0 | 0 | 4.66 | | 1.19 | 2 | .0 | 0 | | 9 | 4 | 1 | | | | |
| UPPER MARLBORO 3 NNW | 86.0 | | | | 96 | 10 | 5 | 7 | 0 | | 12 | 0 | 0 | 0 | 6.45 | | 2.50 | 2 | .0 | 0 | | 10 | 5 | 1 | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTREVILLE | 87.9 | 66.3 | 77.1 | .7 | 95 | 21+ | 5 | 7 | 0 | 381 | 13 | 0 | 0 | 0 | 4.61 | | 2.00 | 4 | .0 | 0 | | 6 | 3 | 2 | | | | |
| CHESTERTOWN | 86.3 | 66.3 | 76.6 | | 95 | 9 | 5 | 7 | 0 | 368 | 11 | 0 | 0 | 0 | 4.95 | .74 | 1.14 | 4 | .0 | 0 | | 5 | 3 | 0 | | | | |
| MILLINGTON 2 WNW | 86.4 | 66.3 | 75.9 | .3 | 95 | 9 | 5 | 0 | 0 | 343 | 11 | 0 | 0 | 0 | 3.63 | .25 | .97 | 4 | .0 | 0 | | 7 | 3 | 0 | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 86.5 | 67.1 | 76.8 | | 95 | 10+ | 5 | 8 | 0 | 373 | 10 | 0 | 0 | 0 | 4.28 | | | | .0 | 0 | | | | | | | | |
| BALTIMORE WSO CI | 88.2 | 72.5 | 80.4 | 1.0 | 100 | 9 | 6 | 2 | 0 | 481 | 13 | 0 | 0 | 0 | | | | | .0 | 0 | | | | | | | | |
| BENSON POLICE BARRACKS | 88.9 | 64.3 | 76.4 | | 97 | 10 | 5 | 4 | 0 | 362 | 13 | 0 | 0 | 0 | 5.01 | | 2.03 | 4 | .0 | 0 | | 8 | 4 | 1 | | | | |
| BOYDS 2 NW | 84.9 | 65.5 | 74.9 | | 93 | 19 | 5 | 4 | 0 | 316 | 7 | 0 | 0 | 0 | 3.81 | | 1.49 | 3 | .0 | 0 | | 7 | 4 | 1 | | | | |
| CATOCTIN MOUNTAIN PARK | 78.0 | 63.6 | 70.8 | | 86 | 10+ | 5 | 3 | 4 | 190 | 0 | 0 | 0 | 0 | 5.39 | | 1.33 | 2 | .0 | 0 | | 9 | 6 | 2 | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND
DELAWARE
JULY 1981

| 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 | | | NO. OF DAYS | | | | | |
| | | | | | | | | | 90 OR ABOVE | 32 OR BELOW | 32 OR BELOW | 0 OR BELOW | | | | TOTAL | DEPARTURE FROM NORMAL | GREATEST DAY DATE | TOTAL | MAX. DEPTH ON GROUND | DATE | 1.0 OR MORE | .50 OR MORE | 1.00 OR MORE |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | |
| CLARKSVILLE 3 NNE | 88.5 | 80.5 | 74.5 | | 94 | 51 | 0 | 304 | 9 | 0 | 0 | 0 | 3.66 | | 1 | | | | 7 | 1 | | | | |
| CONOWINGO DAM | 88.0 | 80.5 | 73.5 | -1.7 | 92 | 50 | 0 | 304 | 9 | 0 | 0 | 0 | 3.44 | -.89 | 1 | 3 | | | 7 | 1 | | | | |
| DAMASCUS 2 SH | 88.2 | 80.5 | 73.5 | | 92 | 50 | 0 | 303 | 9 | 0 | 0 | 0 | 3.54 | | 1 | 3 | | | 8 | 1 | | | | |
| EMMITTSBURG 2 SE | 84.8 | 80.5 | 73.5 | | 92 | 50 | 0 | 303 | 9 | 0 | 0 | 0 | 3.44 | | 1 | 3 | | | 8 | 1 | | | | |
| FREDRICK POLICE BRKS | 86.9 | 80.5 | 76.7 | | 95 | 50 | 0 | 303 | 10 | 0 | 0 | 0 | 3.14 | | 1 | 3 | | | 8 | 1 | | | | |
| PARKTON 2 SW | 82.7 | 66.1 | 72.3 | | 92 | 50 | 0 | 303 | 9 | 0 | 0 | 0 | 4.03 | | 1 | 5 | | | 5 | 1 | | | | |
| ROCKVILLE 3 NE | 85.3 | 66.1 | 73.9 | | 94 | 49 | 0 | 303 | 9 | 0 | 0 | 0 | 4.03 | | 1 | 5 | | | 5 | 1 | | | | |
| TOWSON | 86.9 | 66.1 | 76.7 | | 97 | 45 | 0 | 303 | 11 | 0 | 0 | 0 | 3.84 | | 2 | 5 | | | 7 | 1 | | | | |
| UNIONVILLE | 84.0 | 66.1 | 72.9 | -1.0 | 93 | 45 | 0 | 303 | 11 | 0 | 0 | 0 | 3.84 | -.96 | 2 | 5 | | | 7 | 1 | | | | |
| WESTMINSTER POLICE BRK | 85.0 | 66.1 | 75.5 | | 98 | 50 | 0 | 303 | 11 | 0 | 0 | 0 | 3.96 | -.96 | 1 | 5 | | | 5 | 1 | | | | |
| WOODSTOCK | 85.6 | 65.2 | 75.4 | -.6 | 94 | 55 | 0 | 326 | 9 | 0 | 0 | 0 | 3.44 | -.57 | 1 | 2 | | | 7 | 1 | | | | |
| DIVISION | | | 74.9 | -.3 | | | | | | | | | 4.23 | -.12 | | | | | | | | | | |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 87.4 | 66.3 | 75.4 | | 97 | 51 | 0 | 328 | 10 | 0 | 0 | 0 | 2.33 | | 1 | 7 | | | 7 | 0 | | | | |
| FROSTBURG 2 | 77.6 | 58.8 | 67.8 | | 88 | 49 | 24 | 117 | 8 | 0 | 0 | 0 | 3.55 | | 1 | 9 | | | 8 | 0 | | | | |
| HAGERSTOWN | 85.0 | 64.1 | 74.6 | | 95 | 51 | 0 | 308 | 8 | 0 | 0 | 0 | 4.55 | | 1 | 9 | | | 7 | 1 | | | | |
| HANCOCK FRUIT LAB | 82.8 | 61.5 | 72.2 | | 90 | 47 | 2 | 232 | 1 | 0 | 0 | 0 | 5.37 | 1.95 | 1 | 4 | | | 8 | 2 | | | | |
| DIVISION | | | 72.5 | -1.3 | | | | | | | | | 3.98 | -.45 | | | | | | | | | | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 75.8 | 58.1 | 67.0 | | 84 | 46 | 3 | 105 | 0 | 0 | 0 | 0 | 5.43 | | 1 | 4 | | | 13 | 5 | | | | |
| OAKLAND 1 SE | 78.9 | 57.8 | 68.4 | 1.0 | 87 | 45 | 2 | 88 | 0 | 0 | 0 | 0 | 3.99 | -.61 | 1 | 5 | | | 13 | 4 | | | | |
| SAVAGE RIVER DAM | 79.0 | 58.7 | 68.9 | | 89 | 45 | 0 | 146 | 0 | 0 | 0 | 0 | 4.02 | | 1 | 5 | | | 9 | 4 | | | | |
| DIVISION | | | 68.1 | .5 | | | | | | | | | 4.95 | -.43 | | | | | | | | | | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | 86.0 | 65.5 | 75.8 | | 93 | 52 | 0 | 339 | 10 | 0 | 0 | 0 | 2.37 | | | 6 | | | 6 | 0 | | | | |
| NEWARK UNIVERSITY FARM | 86.8 | 65.5 | 75.8 | 1.3 | 94 | 51 | 0 | 373 | 10 | 0 | 0 | 0 | 2.14 | -.2 | 2 | 5 | | | 6 | 1 | | | | |
| WILMINGTON WSO AP | 86.3 | 67.1 | 77.1 | 1.3 | 95 | 56 | 0 | 381 | 11 | 0 | 0 | 0 | 2.52 | -.1 | 1 | 7 | | | 6 | 0 | | | | |
| WILMGTN PORTER RESVR | 84.5 | 67.5 | 76.0 | 1.0 | 93 | 58 | 0 | 350 | 6 | 0 | 0 | 0 | 3.05 | 1.61 | 1 | 6 | | | 6 | 1 | | | | |
| DIVISION | | | 76.4 | .7 | | | | | | | | | 2.52 | 1.80 | | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 87.8 | 65.9 | 76.9 | -.8 | 97 | 55 | 0 | 374 | 13 | 0 | 0 | 0 | 1.74 | 3.29 | | 5 | | | 4 | 1 | | | | |
| DOVER | 87.7 | 68.4 | 78.1 | 1.1 | 96 | 55 | 0 | 415 | 14 | 0 | 0 | 0 | 2.18 | 1.81 | | 7 | | | 7 | 0 | | | | |
| GEORGETOWN 5 SW | 87.2 | 65.0 | 76.1 | | 95 | 54 | 0 | 351 | 12 | 0 | 0 | 0 | 1.80 | | | 5 | | | 7 | 0 | | | | |
| LEWES | 87.3 | 66.7 | 77.0 | | 99 | 56 | 0 | 381 | 10 | 0 | 0 | 0 | 1.77 | | | 5 | | | 7 | 0 | | | | |
| MILFORD 2 WSW | 88.4 | 66.3 | 77.4 | | 97 | 54 | 0 | 391 | 14 | 0 | 0 | 0 | 1.98 | | | 5 | | | 6 | 1 | | | | |
| DIVISION | | | 77.1 | -.8 | | | | | | | | | 1.89 | 2.68 | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | TOTAL | DAY OF MONTH | | | | | | | | | | | | | | |
|--------------------------|-------|--------------|------|------|------|------|---|---|---|------|----|----|----|----|-----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| MARYLAND | | | | | | | | | | | | | | | | |
| SHORE | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN 01 | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | 3.99 | | .02 | | 1.78 | | | | | .20 | | | | | | |
| CRISFIELD SOMERS COVE | 3.89 | | .03 | .29 | 1.46 | | | | | .40 | | | | | | |
| PRINCESS ANNE | 2.20 | | | | .85 | | | | | .03 | | | | | | |
| SALISBURY | 3.78 | | | | 1.25 | | | | | .03 | | | | | | |
| SALISBURY FAA AP | 3.55 | | | | .72 | | | | | .02 | | | | | | |
| SNOW HILL 4 N | 5.14 | | | .01 | .65 | | | | | .22 | | | | | | |
| CENTRAL EASTERN | | | | | | | | | | | | | | | | |
| SHORE | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL 02 | | | | | | | | | | | | | | | | |
| DENTON 2 E | 1.76 | | .03 | .01 | .79 | | | | | .11 | | | | | | |
| ROYAL OAK 2 SSW | 5.29 | | .14 | .02 | 2.17 | | | | | .02 | | | | | | |
| VIENNA | 3.13 | | .12 | | .97 | | | | | .05 | | | | | .33 | |
| LOWER SOUTHERN | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | | | | | | | | | | | | | | | | |
| MECHANICSVILLE 1 SE | 4.70 | | .07 | .12 | .52 | | | | | .04 | | | | | | |
| OWINGS FERRY LANDING | 4.85 | | .20 | .10 | .72 | | | | | .20 | | | | | | |
| PATUXENT RIVER | 5.68 | | .77 | .30 | .77 | | | | | .03 | | | | | .32 | |
| SOLOMONS | 4.86 | | .02 | .21 | .01 | 2.77 | | | | .04 | | | | | .07 | |
| UPPER SOUTHERN | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | | | | | | | | | | | | | | | | |
| BALTIMORE WSO AP | 4.68 | | .21 | .20 | 3.00 | | | | | .01 | | | | | | |
| BELTSVILLE | 4.59 | | .11 | .20 | 2.30 | | | | | .02 | | | | | | |
| COLLEGE PARK | 3.38 | | .56 | .15 | .50 | | | | | * | | | | | .26 | |
| DALECARLIA RESVR D C | 4.46 | | .62 | .27 | .47 | | | | | .85 | | | | | | |
| GLENN DALE BELL STA | 5.99 | | .10 | 1.04 | 2.29 | | | | | .02 | | | | | | |
| LAUREL 3 W | 5.09 | | .26 | .13 | 1.47 | | | | | .06 | | | | | | |
| NATIONAL ARBORETUM D C | 3.48 | | .30 | .18 | .83 | | | | | | | | | | | |
| UPPER MARLBORO 3 NNW | 4.66 | | .61 | .17 | .30 | | | | | 1.19 | | | | | .18 | |
| NORTHERN EASTERN | | | | | | | | | | | | | | | | |
| SHORE | | | | | | | | | | | | | | | | |
| CENTREVILLE 05 | 4.61 | | | | 2.00 | | | | | .04 | | | | | | |
| CHESTERTOWN | 4.95 | | .07 | | 2.14 | | | | | .04 | | | | | | |
| MILLINGTON 2 WNW | 3.63 | | .38 | | .97 | | | | | .41 | | | | | | |
| NORTHERN CENTRAL | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | | | | | | | | | | | | | | | | |
| BALTIMORE WSO CI | 4.28 | | .78 | | * | | | | | * | | | | | | |
| BENSON POLICE BARRACKS | 5.01 | | .21 | .84 | 2.03 | | | | | 2.54 | | | | | | |
| BOYDS 2 NW | 3.89 | | .08 | .14 | 1.79 | | | | | | | | | | | |
| BRIGHTON DAM | 4.88 | | .23 | .45 | 2.15 | | | | | | | | | | | |
| CATOCTIN MOUNTAIN PARK | 5.39 | | 1.33 | .60 | .51 | | | | | | | | | | | |
| CLARKSVILLE 3 NNE | 3.66 | | .01 | .53 | 1.32 | | | | | .01 | | | | | | |
| CONOWINGO DAM | 3.44 | | .04 | .29 | 1.53 | | | | | .04 | | | | | | |
| DAMASCUS 2 SW | 3.52 | | .16 | .15 | 1.21 | | | | | .02 | | | | | | |
| EMMITTSBURG 2 SE | 3.77 | | .65 | .05 | .80 | | | | | .01 | | | | | | |
| FREDRICK POLICE BRKS | 5.14 | | .03 | .16 | 1.02 | | | | | .03 | | | | | .10 | |
| FREDERICK 3 E | 4.69 | | .03 | .30 | .41 | | | | | .52 | | | | | | |
| PARKTON 2 SW | 4.06 | | .07 | .42 | 1.59 | | | | | | | | | | | |
| POTOMAC FILTER PLANT | 3.89 | | .04 | .15 | 1.47 | | | | | | | | | | | |
| ROCKVILLE 3 NE | 4.64 | | .20 | .39 | 1.60 | | | | | | | | | | | |
| TOWSON | 4.82 | | .12 | .52 | 2.00 | | | | | | | | | | | |
| UNIONVILLE | 4.52 | | .07 | .19 | 1.01 | | | | | | | | | | | |
| WESTMINSTER POLICE BRK | 3.96 | | 1.31 | .11 | 1.38 | | | | | | | | | | | |
| WOODSTOCK | 3.44 | | | .31 | 1.24 | | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | |
|------------------------|--------------|-----|----|----|------|------|-----|-----|-----|------|------|------|------|------|-----|----|
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| MARYLAND | | | | | | | | | | | | | | | | |
| SHORE EASTERN 01 | | | | | | | | | | | | | | | | |
| SOUTHERN SHORE | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | | .42 | | | | | .16 | | | .07 | .42 | .10 | | | .53 | |
| CRISFIELD SOMERS COVE | | .35 | | | | .50 | .05 | | | .03 | | .18 | | | .56 | |
| PRINCESS ANNE | | .29 | | | | | .13 | .12 | | .32 | .06 | .11 | | | .29 | |
| SALISBURY | | .12 | | | | | .34 | | | .26 | .40 | .12 | | | .24 | |
| SALISBURY FAA AP | .06 | .16 | | | | .73 | | | T | .29 | 1.06 | .14 | .30 | | | |
| SNOW HILL 4 N | | .19 | | | | | .26 | | | .17 | 3.23 | .06 | | | .36 | |
| CENTRAL EASTERN 02 | | | | | | | | | | | | | | | | |
| SHORE | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| DENTON 2 E | | | | | | .18 | | | | .20 | | | .15 | .27 | | |
| ROYAL OAK 2 SSW | | | | | | .74 | .27 | | T | .67 | | .06 | .42 | .44 | | |
| VIENNA | | .10 | | | | .04 | | | | 1.15 | | | .31 | .39 | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | | | | | | | | | | | | | | | | |
| MECHANICSVILLE 1 SE | | | | | | .01 | | | .04 | .81 | | .71 | 1.57 | .77 | | |
| OWINGS FERRY LANDING | | | | | | .74 | .10 | | | .25 | | 1.00 | 1.10 | .92 | | |
| PATUXENT RIVER | .31 | | | | | .09 | | | T | .29 | | .03 | 1.13 | T | | |
| SOLOMONS | | .01 | | | | .03 | | | | * | .88 | .95 | T | .50 | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | | | | | | | | | | | | | | | | |
| BALTIMORE WSO AP | R | T | | | .47 | .23 | | | T | .54 | | | 1.08 | .39 | | |
| BELTSVILLE | | | | | T | .78 | | | | .30 | .02 | | 1.16 | T | | |
| COLLEGE PARK | | T | | | | 1.02 | T | T | .08 | .56 | .01 | .01 | | .55 | | |
| DALECARLIA RESVR D C | | | | | | .60 | | | | .24 | .28 | .04 | | .67 | | |
| GLENN DALE BELL STA | | | | | | .95 | | | .08 | .58 | .01 | .07 | | 1.19 | .01 | |
| LAUREL 3 W | | | | | .42 | | | | .08 | .84 | .05 | .05 | 1.18 | .52 | | |
| NATIONAL ARBORETUM D C | | | | | | .25 | .10 | | | .40 | | | 1.05 | | | |
| UPPER MARLBORO 3 NNW | | | | | | .96 | .18 | | | .06 | .85 | .07 | | .85 | | |
| NORTHERN EASTERN 05 | | | | | | | | | | | | | | | | |
| SHORE | | | | | | | | | | | | | | | | |
| CENTREVILLE | | | | | .03 | .52 | .11 | | .02 | .15 | | | .14 | 1.56 | | |
| CHESTERTOWN | | | | | 1.13 | .07 | | | T | .17 | | | 1.17 | | | |
| MILLINGTON 2 WNW | | | | | .14 | .64 | | | T | .19 | T | | .07 | .83 | | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | | | | | | | | | | | | | | | | |
| BALTIMORE WSO CI | R | - | - | - | .16 | .15 | | | | * | * | .07 | .21 | .37 | | |
| BENSON POLICE BARRACKS | | T | | | .07 | .71 | | | | .12 | | .01 | .21 | .68 | | |
| BOYDS 2 NW | | | | | .07 | .09 | | | | .11 | | .07 | .32 | .92 | | |
| BRIGHTON DAM | | | | | .70 | | | | .13 | .20 | | | .95 | | | |
| CATOCTIN MOUNTAIN PARK | | | | | | 1.18 | | | .54 | .14 | | .15 | .28 | .66 | | |
| CLARKSVILLE 3 NNE | | T | | | T | .32 | | | .02 | .20 | | | .28 | .70 | | |
| CONOWINGO DAM | | T | | | | .79 | | | | T | | T | .75 | | | |
| DAMASCUS 2 SW | | | | | .16 | | | | .20 | .16 | .04 | .02 | 1.22 | .02 | | |
| EMMITTSBURG 2 SE | | | | | | .95 | | | .25 | .04 | .02 | | .11 | .75 | | |
| FREDRICK POLICE BRKS | | | | | | 1.24 | | | .67 | .11 | T | .05 | .55 | 1.13 | | |
| FREDERICK 3 E | | | | | | .18 | .62 | | .72 | .11 | | .07 | .55 | .51 | | |
| PARKTON 2 SW // | | | | | .66 | .04 | | | .04 | .12 | T | .03 | .94 | .03 | | |
| POTOMAC FILTER PLANT | | | | | .48 | | | | .12 | .07 | .05 | | 1.28 | .05 | | |
| ROCKVILLE 3 NE | .01 | | | | | .77 | .01 | | .15 | .08 | | .04 | .27 | .87 | | |
| TOWSON | | | | | T | .20 | | | | .05 | | .04 | .12 | .54 | | |
| UNIONVILLE | | | | | | .76 | | | .23 | .02 | .04 | .04 | .40 | .79 | | |
| WESTMINSTER POLICE BRK | | | | | | .41 | | | .05 | .05 | | | .51 | .30 | | |
| WOODSTOCK | | | | | .04 | .30 | | | .03 | .10 | | .03 | .22 | .92 | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | TOTAL | DAY OF MONTH | | | | | | | | | | | | | | |
|-------------------------|-------|--------------|------|------|------|-----|-----|---|---|---|-----|----|----|-----|----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 2.35 | | | | | | | | | | | | | | | |
| EDGEMONT | 3.44 | T | .09 | .24 | .20 | .06 | .05 | | | | | | | | | .02 |
| FROSTBURG 2 | 4.55 | | .43 | .63 | .36 | .31 | T | | | | | | | | | |
| HAGERSTOWN | 6.55 | | .21 | .58 | .09 | .14 | .04 | | | | T | | | | | .53 |
| HANCOCK FRUIT LAB | 5.37 | .10 | .79 | .27 | .72 | T | | | | | | | | | | |
| | | | .86 | 1.43 | 1.24 | | | | | | | | | | | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 5.43 | | | | | | | | | | | | | | | |
| MERRILL | 3.97 | .62 | .15 | .10 | .02 | T | T | | | | .12 | | | | | .44 |
| OAKLAND 1 SE | 5.39 | .10 | 1.40 | .15 | | .10 | .03 | | | | | | | | | .10 |
| SAVAGE RIVER DAM | 4.02 | .28 | .11 | .04 | .02 | .15 | .03 | | | | | | | .24 | | .07 |
| | | .02 | .23 | .36 | | .32 | .05 | | | | T | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | |
|-------------------------|--------------|----|----|----|-----|------|-----|----|-----|-----|-----|-----|------|------|------|----|
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| APPALACHIAN MOUNTAIN 07 | | | | | .15 | T | | | | .42 | | .22 | .13 | | | |
| CUMBERLAND 2 | | | | | .09 | 1.08 | .80 | | | .50 | | T | .17 | | 1.31 | |
| EDGEMONT | | | | | .97 | .08 | .06 | | | .44 | .02 | | .01 | | 1.09 | |
| FROSTBURG 2 | | | | | .42 | .20 | | | .55 | .05 | .05 | | .90 | | .05 | |
| HAGERSTOWN | | | | | .42 | .28 | | | .29 | | | .08 | .33 | | .44 | |
| HANCOCK FRUIT LAB | | | | | | | | | | | | | | | | |
| ALLEGHENY PLATEAU 08 | | | | | .18 | .72 | .19 | | .12 | .52 | | .60 | .25 | 1.40 | | |
| MC HENRY 2 NW | | | | | .06 | .22 | .10 | | .39 | .15 | | .16 | .28 | .73 | | |
| MERRILL | | | | | .10 | .82 | .28 | T | .58 | .33 | .27 | .78 | 1.05 | .33 | | |
| OAKLAND 1 SE | | | | | .08 | .51 | .36 | | .02 | .55 | | .50 | .21 | .72 | | T |
| SAVAGE RIVER DAM | | | | | | | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | TOTAL | DAY OF MONTH | | | | | | | | | | | | | | |
|-------------------------|-------|--------------|-----|-----|-----|-----|-----|---|---|---|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| DELAWARE | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | 2.37 | .03 | .62 | T | .47 | .05 | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | .14 | .10 | .28 | | .49 | .04 | | | | | | | | | | |
| WILMINGTON WSO AP | .52 | .13 | .38 | T | .70 | T | | | | | | | | | | |
| WILMINGTON PORTER RESVR | 3.05 | .11 | .31 | | .76 | T | | | | | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 1.74 | | .02 | | .55 | .04 | .02 | | | | | | | | | |
| DOVER | 2.18 | | .12 | | .60 | .11 | | | | | | | | | | |
| GEORGETOWN 5 SW | 1.80 | | .01 | | .50 | .31 | .03 | | | | | | | | | |
| LEWES | 1.77 | | | .01 | .85 | .06 | .01 | | | | | | | | | |
| MILFORD 2 WSW | 1.98 | T | T | .05 | .37 | .23 | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (CONT)

MARYLAND AND
DELAWARE
JULY 1981

| STATION | DAY OF MONTH | | | | | | | | | | | | | | | |
|------------------------|--------------|-----|----|----|-----|------|-----|----|----|-----|-----|-----|-----|-----|-----|----|
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| DELAWARE | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | | | | | .20 | .29 | .22 | | | T | | | | .49 | | |
| NEWARK UNIVERSITY FARM | | | | | .37 | .29 | | | | T | | | | .22 | | |
| WILMINGTON WSO AP | R | T | | | .76 | .12 | | | T | T | | | .35 | .40 | .03 | |
| WILMGTON PORTER RESVR | T | | | | .40 | 1.13 | | | T | T | .01 | | .33 | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | | .05 | | | | | | | | .42 | | | .39 | .21 | | |
| DOVER | | | | | | .07 | .30 | | | .13 | | | .10 | .75 | | |
| GEORGETOWN 5 SW | | | | | | | .01 | | | | | | | .51 | | |
| LEWES | | .05 | | | | | | | | .14 | .33 | .10 | .18 | .24 | | |
| MILFORD 2 WSW | | T | | | T | | .24 | | | .29 | .23 | | .27 | .53 | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX
10

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND
DELAWARE
JULY 1981

| STATION | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | TOTAL | | TOTAL PRECIPITATION | |
|--|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------------------------|--|
| | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | | |
| MARYLAND SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | | | | | | | | | | | | | | T | | | | | | | | | | | | | | |
| CRISFIELD SOMERS COVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRINCESS ANNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALISBURY | | | | | | | | | | | | | | 1.0 | 1 | | | | | | | | | | | | | |
| SALISBURY FAA AP | | | | | | | | | | | | | | T | | | | | | | | | | | | | | |
| SNOW HILL 4 N | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DENTON 2 E | | | | | | | | | | | | | | 5.1 | 15 | | | | | | | | | | | | | |
| ROYAL OAK 2 SSW | | | | | | | | | | | | | | 3.8 | 3 | | | | | | | | | | | | | |
| VIENNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MECHANICSVILLE 1 SE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWINGS FERRY LANDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PATUXENT RIVER | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOLOMONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BALTIMORE WSO AP | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELTSVILLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COLLEGE PARK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DALECARLIA RESVR D C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARYLAND GLENN DALE BELL STA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAUREL 3 W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATIONAL ARBORETUM D C | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER MARLBORO 3 NNW | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTREVILLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHESTERTOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLINGTON 2 WNW | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BALTIMORE WSO CI | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENSON POLICE BARRACKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOYDS 2 NW | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRIGHTON DAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CATOCTIN MOUNTAIN PARK | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLARKSVILLE 3 NNE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONOWINGO DAM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMASCUS 2 SW | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EMMITSBURG 2 SE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FREDRICK POLICE BRKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

TOTAL SNOWFALL AND NUMBER OF DAYS
WITH ONE INCH OR MORE ON GROUND

MARYLAND AND
DELAWARE
JULY 1981

| STATION | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | TOTAL | | TOTAL PRECIPITATION |
|-------------------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------------------------|
| | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | SNOWFALL | 1 IN ON GD | |
| FREDERICK 3 E | | | | | | | | | T | | | | 5.5 | | T | | | | | | | | | | | | |
| PARKTON 2 SW | | | | | | | | | T | | 1.1 | | 5.5 | 17 | T | | | 5.7 | 3 | | | | | | | 14.3 | 20 |
| POTOMAC FILTER PLANT | | | | | | | | | | | | | 3.4 | 21 | | | | | | | | | | | | | |
| ROCKVILLE 3 NE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOWSON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UNIONVILLE | | | | | | | | | T | | | | | | | 1 | | | | | | | | | | | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WESTMINSTER POLICE BRK | | | | | | | | | T | | 1.0 | 1 | 6.3 | 3 | T | | | 5.0 | 3 | | | | | | | | |
| WOODSTOCK | | | | | | | | 1.0 | | | .8 | | 4.5 | 13 | | | | 1.0 | 1 | | | | | | | | |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | | | | | | | | | 2.0 | 2 | | 1.0 | 1 | 4.0 | 13 | 2.0 | 2 | 5.2 | 4 | | | | | | | | |
| EDGEMONT | | | | | | | | 1.0 | | | 1.0 | 3 | 2.0 | 22 | 1.7 | 2 | | | | | | | | | | | |
| FROSTBURG 2 | | | | | | | 2.5 | 1 | 10.2 | 13 | 11.5 | 16 | 28.0 | 31 | 15.7 | 16 | 33.2 | 22 | | | 1 | | | | | | |
| HAGERSTOWN | | | | | | | | | T | | 1.0 | 1 | 2.7 | 3 | 1.5 | 2 | 6.6 | 4 | | | | | | | | | |
| HANCOCK FRUIT LAB | | | | | | | | 2.0 | 2 | | | T | | 3.0 | 4 | 1.0 | 1 | 7.0 | 3 | | | | | | | | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | | | | | | | 1.0 | 2 | 10.0 | 10 | 9.5 | 17 | 27.0 | 31 | 15.0 | 17 | 32.0 | 24 | | | T | | | | | | |
| MERRILL | | | | | | | 1.0 | | 6.0 | 10 | 5.0 | 9 | 20.0 | 29 | 7.0 | 8 | 20.0 | 11 | | | | | | | | | |
| OAKLAND 1 SE | | | | | | | 1.0 | | 14.0 | 7 | 10.0 | 11 | 28.5 | 29 | 11.0 | 11 | 25.0 | 11 | | | | | | | | | |
| SAVAGE RIVER DAM | | | | | | | | | | | | T | | 9.0 | 25 | 1.0 | 2 | 12.0 | 1 | | | T | | | | | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | | | | | | | | | | .3 | | | 5.5 | | | | | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | | | | | | | | | | | | | 4.0 | 13 | | | 3.0 | | | | | | | | | | |
| WILMINGTON WSO AP | | | | | | | | | .5 | | 1.4 | | 6.5 | 15 | | | 3.0 | | | | | | | | | | |
| WILMINGTON PORTER RESVR | | | | | | | | | | | 1.0 | | 7.6 | 10 | | | 4.0 | 3 | | | | | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | | | | | | | | | | | | | 2.0 | 1 | | | 1.0 | | | | | | | | | | |
| DOVER | | | | | | | | | | | | | 4.3 | 1 | | | 1.0 | | | | | | | | | | |
| GEORGETOWN 5 SW | | | | | | | | | | | | | .4 | | | | .8 | | | | | | | | | | |
| LEWES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILFORD 2 WSW | | | | | | | | | | | | | 3.0 | | | | 2.5 | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX
12

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1981

| 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 | 80 | 80 | 78 | 79 | 86 | 80 | 90 | 98 | 96 | 90 | 88 | 93 | 89 | 93 | 82 | 83 | 83 | 86 | 95 | 91 | 90 | 86 | 85 | 85 | 84 | 80 | 87 | 83 | 87 | 82 | 83 | 86 | 86.2 | | |
| | MIN | 70 | 67 | 69 | 69 | 69 | 71 | 71 | 74 | 76 | 77 | 69 | 69 | 76 | 76 | 62 | 66 | 67 | 69 | 69 | 75 | 75 | 70 | 65 | 65 | 72 | 72 | 74 | 74 | 70 | 78 | 58 | 61 | 70.0 | | |
| CRISFIELD SOMERS COVE | MAX | 82 | 84 | 84 | 80 | 85 | 84 | 91 | 95 | 97 | 96 | 89 | 90 | 90 | 92 | 90 | 88 | 83 | 85 | 90 | 90 | 90 | 87 | 84 | 82 | 84 | 87 | 89 | 89 | 87 | 82 | 83 | 87 | 87.4 | | |
| | MIN | 65 | 67 | 67 | 68 | 73 | 65 | 74 | 74 | 69 | 73 | 70 | 79 | 78 | 65 | 67 | 67 | 67 | 69 | 71 | 75 | 71 | 67 | 69 | 69 | 68 | 71 | 76 | 72 | 71 | 60 | 63 | 69 | 7.7 | | |
| PRINCESS ANNE | MAX | 83 | 85 | 86 | 84 | 85 | 85 | 91 | 92 | 95 | 95 | 92 | 94 | 93 | 93 | 92 | 85 | 84 | 89 | 93 | 93 | 94 | 86 | 85 | 83 | 82 | 88 | 89 | 89 | 89 | 83 | 86 | 88 | 88.5 | | |
| | MIN | 66 | 65 | 64 | 63 | 64 | 71 | 65 | 65 | 76 | 75 | 62 | 60 | 70 | 71 | 64 | 52 | 65 | 60 | 60 | 71 | 77 | 66 | 58 | 54 | 61 | 68 | 73 | 67 | 72 | 52 | 53 | 64 | 4.8 | | |
| SALISBURY | MAX | 79 | 81 | 81 | 80 | 81 | 83 | 91 | 92 | 95 | 94 | 92 | 92 | 91 | 92 | 89 | 82 | 83 | 89 | 92 | 91 | 93 | 91 | 83 | 81 | 80 | 82 | 86 | 87 | 87 | 83 | 84 | 86 | 7.7 | | |
| | MIN | 66 | 65 | 65 | 68 | 65 | 70 | 71 | 71 | 76 | 77 | 69 | 67 | 73 | 78 | 62 | 61 | 65 | 63 | 65 | 71 | 74 | 68 | 62 | 61 | 65 | 67 | 71 | 69 | 71 | 57 | 59 | 67 | 5.5 | | |
| SALISBURY FAA AP | MAX | 81 | 81 | 81 | 78 | 84 | 81 | 90 | 91 | 95 | 93 | 91 | 92 | 90 | 90 | 81 | 82 | 81 | 86 | 91 | 90 | 93 | 84 | 82 | 81 | 75 | 82 | 88 | 85 | 87 | 81 | 82 | 85 | 5.5 | | |
| | MIN | 69 | 69 | 68 | 69 | 66 | 71 | 70 | 69 | 76 | 70 | 65 | 63 | 72 | 69 | 60 | 58 | 61 | 62 | 63 | 72 | 70 | 66 | 58 | 57 | 64 | 68 | 71 | 69 | 65 | 56 | 58 | 66 | 1.1 | | |
| SNOW HILL 4 N | MAX | 81 | 83 | 81 | 77 | 84 | 83 | 90 | 92 | 95 | 94 | 90 | 94 | 92 | 91 | 88 | 85 | 82 | 86 | 93 | 89 | 95 | 85 | 83 | 82 | 80 | 81 | 89 | 87 | 87 | 81 | 84 | 86 | 6.6 | | |
| | MIN | 67 | 67 | 65 | 70 | 64 | 69 | 67 | 66 | 73 | 76 | 62 | 60 | 68 | 74 | 55 | 55 | 65 | 61 | 60 | 67 | 67 | 57 | 56 | 61 | 67 | 72 | 67 | 71 | 55 | 55 | 64 | 9.9 | | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DENTON 2 E | MAX | 83 | 82 | 84 | 78 | 82 | 87 | 92 | 94 | 97 | 96 | 93 | 94 | 93 | 93 | 89 | 85 | 88 | 92 | 93 | 92 | 95 | 87 | 85 | 83 | 77 | 87 | 92 | 86 | 86 | 89 | 88 | 88 | 88.5 | | |
| | MIN | 53 | 66 | 64 | 68 | 64 | 64 | 66 | 68 | 69 | 74 | 62 | 64 | 69 | 71 | 55 | 57 | 65 | 59 | 62 | 74 | 70 | 66 | 56 | 55 | 63 | 65 | 65 | 65 | 69 | 50 | 50 | 63 | 3.5 | | |
| ROYAL OAK 2 SSW | MAX | 84 | 84 | 82 | 77 | 80 | 83 | 89 | 91 | 95 | 92 | 90 | 91 | 88 | 89 | 82 | 84 | 85 | 90 | 91 | 91 | 91 | 83 | 81 | 81 | 77 | 86 | 88 | 84 | 84 | 81 | 86 | 85 | 7.7 | | |
| | MIN | 69 | 68 | 69 | 68 | 67 | 71 | 71 | 71 | 79 | 78 | 68 | 68 | 72 | 76 | 68 | 64 | 68 | 65 | 68 | 79 | 73 | 71 | 62 | 61 | 66 | 69 | 73 | 71 | 73 | 60 | 60 | 69 | 9.2 | | |
| VIENNA | MAX | 82 | 84 | 87 | 78 | 87 | 89 | 92 | 94 | 97 | 95 | 95 | 94 | 94 | 93 | 92 | 86 | 86 | 91 | 94 | 94 | 92 | 94 | 82 | 82 | 88 | 90 | 90 | 88 | 84 | 83 | 89 | 89 | 84 | 4.4 | |
| | MIN | 55 | 58 | 60 | 70 | 67 | 70 | 71 | 71 | 69 | 77 | 70 | 66 | 65 | 75 | 61 | 61 | 65 | 62 | 61 | 61 | 72 | 60 | 58 | | 65 | 70 | 69 | 69 | 56 | 57 | 65 | 5.5 | | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | MAX | 81 | 82 | 78 | 75 | 80 | 80 | 86 | 88 | 91 | 88 | 86 | 90 | 87 | 87 | 85 | 79 | 82 | 86 | 92 | 94 | 91 | 84 | 80 | 79 | 76 | 85 | 84 | 83 | 80 | 79 | 83 | 83 | 83 | 83 | 9.9 |
| | MIN | 68 | 65 | 68 | 68 | 64 | 69 | 68 | 67 | 71 | 73 | 63 | 63 | 73 | 72 | 57 | 61 | 66 | 61 | 65 | 75 | 74 | 68 | 62 | 62 | 67 | 71 | 69 | 69 | 71 | 55 | 58 | 66 | 5.5 | | |
| MECHANICSVILLE 1 SE | MAX | 80 | 80 | 80 | 78 | 85 | 82 | 90 | 92 | 95 | 94 | 92 | 91 | 91 | 90 | 88 | 84 | 85 | 89 | 93 | 94 | 94 | 85 | 82 | 82 | 78 | 87 | 87 | 86 | 85 | 81 | 83 | 86 | 86 | 6.6 | |
| | MIN | 66 | 64 | 68 | 67 | 63 | 68 | 68 | 66 | 70 | 70 | 61 | 60 | 71 | 73 | 55 | 58 | 65 | 58 | 62 | 72 | 70 | 64 | 59 | 58 | 65 | 68 | 67 | 66 | 68 | 51 | 54 | 64 | 4.4 | | |
| OWINGS FERRY LANDING | MAX | 82 | 82 | 80 | 80 | 80 | 85 | 92 | 93 | 89 | 85 | 79 | 84 | 83 | 86 | 89 | 85 | 86 | 79 | 81 | 83 | 79 | 83 | 84 | 86 | 83 | 81 | 77 | 75 | 82 | 83 | 83 | 83 | 83 | 3.1 | |
| | MIN | 64 | 63 | 63 | 64 | 63 | 65 | 66 | 68 | 62 | 60 | 59 | | | | | | | | | | | | | | | | | | | | | | | | |
| PATUXENT RIVER | MAX | 82 | 82 | 80 | 80 | 87 | 83 | 91 | 92 | 95 | 92 | 89 | 90 | 91 | 91 | 83 | 79 | 86 | 89 | 93 | 94 | 94 | 85 | 81 | 83 | 80 | 87 | 88 | 87 | 87 | 82 | 86 | 86 | 7.7 | | |
| | MIN | 69 | 68 | 71 | 69 | 68 | 70 | 72 | 72 | 76 | 73 | 69 | 68 | 75 | 74 | 67 | 65 | 70 | 66 | 71 | 78 | 75 | 69 | 68 | 60 | 69 | 70 | 72 | 73 | 67 | 62 | 63 | 69 | 6.6 | | |
| SOLOMONS | MAX | 85 | 80 | 80 | | 85 | 82 | 91 | 93 | 95 | 95 | 91 | 92 | 93 | 92 | 91 | 84 | 85 | 84 | 94 | 94 | 94 | 86 | 85 | 84 | | | | | | | | | | | |
| | MIN | 70 | 68 | 72 | | 68 | 72 | 73 | 76 | 78 | | | | 72 | 71 | 67 | 68 | 70 | | | | 74 | 68 | 68 | | | | | | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | MAX | 83 | 83 | 82 | 80 | 81 | 84 | 92 | 94 | 97 | 96 | 94 | 92 | 92 | 92 | 88 | 85 | 86 | 88 | 94 | 94 | 93 | 86 | 83 | 83 | 81 | 87 | 89 | 88 | 85 | 84 | 87 | 87 | 87 | 8.8 | |
| | MIN | 69 | 69 | 71 | 66 | 66 | 70 | 70 | 74 | 77 | 78 | 70 | 69 | 75 | 70 | 64 | 61 | 61 | 65 | 70 | 72 | 73 | 70 | 65 | 65 | 66 | 70 | 71 | 72 | 70 | 58 | 62 | 68 | 7.7 | | |
| BALTIMORE WSO AP | MAX | 82 | 82 | 80 | 77 | 81 | 87 | 90 | 92 | 95 | 92 | 91 | 94 | 92 | 91 | 85 | 80 | 87 | 92 | 96 | 96 | 94 | 84 | 82 | 81 | 73 | 88 | 89 | 83 | 83 | 84 | 86 | 86 | 86 | 7.7 | |
| | MIN | 70 | 69 | 70 | 67 | 66 | 70 | 71 | 72 | 77 | 70 | 67 | 77 | 75 | 70 | 60 | 64 | 64 | 64 | 65 | 74 | 74 | 70 | 63 | 62 | 67 | 72 | 72 | 71 | 64 | 56 | 62 | 67 | 9.9 | | |
| BELTSVILLE | MAX | 85 | 81 | 82 | 80 | | | 85 | 89 | 90 | 94 | 91 | 89 | 93 | 89 | 89 | 83 | 79 | 87 | 90 | 94 | 94 | 91 | 82 | 80 | 78 | 88 | 88 | 87 | 83 | 80 | 81 | 86 | 86 | 3.3 | |
| | MIN | 68 | 66 | 63 | 65 | | | 69 | 69 | 76 | 74 | 64 | 62 | 70 | 68 | 53 | 58 | 61 | 59 | 63 | 76 | 69 | 66 | 58 | 58 | 66 | 69 | 69 | 67 | 70 | 53 | 55 | 65 | 0.0 | | |
| COLLEGE PARK | MAX | 87 | 83 | 82 | 79 | 78 | 81 | 87 | 91 | 93 | 96 | 91 | 90 | 94 | 91 | 91 | 84 | 80 | 87 | 92 | 96 | 95 | 93 | 83 | 81 | 79 | 79 | 89 | 89 | 85 | 83 | 88 | 86 | 88 | 8.8 | |
| | MIN | 69 | 67 | 69 | 66 | 65 | 70 | 69 | 67 | 72 | 75 | 65 | 66 | 64 | 73 | 58 | 62 | 61 | 63 | 67 | 75 | 71 | 67 | 61 | 61 | 60 | 70 | 73 | 70 | 67 | 71 | 53 | 66 | 2.2 | | |
| DALECARLIA RESVR D C | MAX | 83 | 82 | 81 | 77 | 78 | 87 | 90 | 92 | 96 | 95 | 91 | 92 | 91 | 90 | 88 | 83 | 87 | 90 | 94 | 94 | 93 | 89 | 82 | 82 | 75 | 87 | 89 | 86 | 86 | 87 | 87 | 87 | 87 | 8.2 | |
| | MIN | 64 | 61 | 66 | 65 | 65 | 69 | 69 | 67 | 72 | 75 | 65 | 66 | 64 | 73 | 58 | 62 | 61 | 63 | 67 | 75 | 71 | 67 | 61 | 61 | 60 | 70 | 73 | 70 | 67 | 71 | 53 | 66 | 2.2 | | |
| GLENN DALE BELL STA | MAX | 82 | 81 | 79 | 77 | 81 | 86 | 90 | 92 | 94 | 94 | 90 | 91 | 93 | 89 | 88 | 84 | 86 | 91 | 94 | 92 | 92 | 91 | 82 | 81 | 73 | 86 | 88 | 88 | 84 | 82 | 85 | 86 | 86 | 9.0 | |
| | MIN | 66 | 65 | 65 | 64 | 61 | 67 | 65 | 64 | 72 | 74 | 60 | 60 | 70 | 69 | 52 | 57 | 60 | 58 | 62 | 72 | 69 | 64 | 55 | 57 | 65 | 70 | 68 | 66 | 69 | 50 | 54 | 63 | 3.5 | | |
| LAUREL 3 W | MAX | 81 | 82 | 88 | 76 | 83 | 86 | 90 | 94 | 95 | 94 | 92 | 93 | 90 | 90 | 85 | 81 | 88 | 88 | 92 | 94 | 95 | 86 | 83 | 83 | 77 | 87 | 88 | 83 | 82 | 84 | 88 | 87 | 0.7 | | |
| | MIN | 64 | 68 | 66 | 65 | 69 | 65 | 67 | 76 | 78 | 76 | 75 | 71 | 74 | 70 | 60 | 64 | 74 | 66 | 68 | 74 | 80 | 76 | 60 | 65 | 69 | 70 | 69 | 64 | 61 | 64 | 68 | 7.0 | | | |
| NATIONAL ARBORETUM D C | MAX | 86 | 83 | 82 | 78 | 77 | 81 | 86 | 90 | 93 | 96 | 95 | 90 | 92 | 89 | 90 | 83 | 78 | 87 | 92 | 98 | 94 | 92 | 85 | 82 | 80 | 73 | 88 | 88 | 85 | 86 | 83 | 86 | 86 | 5.5 | |
| | MIN | 68 | 66 | 63 | 66 | 65 | 69 | 69 | 70 | 74 | 80 | 66 | 66 | 68 | 75 | 60 | 63 | 64 | 63</ | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1981

| 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 | | |
| UPPER MARLBORO 3 NNW | MAX MIN | 84 67 | 80 67 | 81 67 | 80 67 | 78 65 | 81 69 | 87 69 | 91 70 | 93 77 | 96 76 | 91 64 | 90 67 | 92 73 | 90 73 | 90 60 | 84 60 | 78 68 | 85 64 | 90 63 | 93 75 | 94 73 | 92 68 | 84 59 | 81 62 | 80 66 | 75 60 | 88 60 | 88 68 | 84 58 | 82 57 | 83 62 | 86.0 | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CENTREVILLE | MAX MIN | 83 67 | 82 67 | 83 67 | 75 67 | 79 65 | 86 69 | 92 69 | 94 70 | 95 77 | 94 76 | 95 64 | 93 67 | 91 73 | 91 73 | 83 60 | 81 60 | 86 68 | 92 64 | 94 63 | 93 75 | 95 73 | 85 68 | 87 59 | 86 62 | 84 66 | 89 60 | 90 60 | 88 68 | 85 58 | 86 57 | 89 62 | 87.9 | |
| CHESTERTOWN | MAX MIN | 82 67 | 81 67 | 83 67 | 74 65 | 80 65 | 86 70 | 90 70 | 93 70 | 95 76 | 92 72 | 91 65 | 92 69 | 90 69 | 89 64 | 84 62 | 88 65 | 88 66 | 91 65 | 93 68 | 92 70 | 91 74 | 84 67 | 81 58 | 81 64 | 82 64 | 76 65 | 88 68 | 88 68 | 81 68 | 84 69 | 84 67 | 87 60 | 86.3 |
| MILLINGTON 2 NNW | MAX MIN | 82 67 | 78 67 | 82 66 | 75 67 | 80 65 | 87 68 | 90 67 | 93 68 | 95 74 | 94 74 | 90 63 | 93 66 | 92 72 | 88 70 | 84 57 | 84 60 | 87 65 | 91 62 | 93 61 | 92 73 | 91 71 | 83 68 | 81 50 | 80 58 | 75 63 | 87 65 | 89 73 | 87 65 | 84 69 | 83 53 | 87 56 | 86.4 | |
| MARYLAND NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | MAX MIN | 84 60 | 80 68 | 80 68 | 79 67 | 77 65 | 86 68 | 90 69 | 93 73 | 95 75 | 95 76 | 90 68 | 91 69 | 91 73 | 88 73 | 87 59 | 83 60 | 84 63 | 89 64 | 92 66 | 92 73 | 90 71 | 88 61 | 82 67 | 81 61 | 79 66 | 88 68 | 88 70 | 88 73 | 82 68 | 83 58 | 86 59 | 86.5 | |
| BALTIMORE WSO CI | MAX MIN | 84 70 | 82 70 | 80 70 | 76 66 | 82 68 | 89 72 | 94 76 | 98 80 | 100 82 | 94 82 | 92 76 | 96 76 | 93 78 | 92 74 | 88 68 | 82 72 | 87 70 | 94 74 | 97 78 | 96 74 | 95 77 | 84 74 | 84 66 | 81 66 | 76 68 | 88 69 | 90 73 | 81 77 | 84 72 | 86 66 | 88 69 | 88 69 | 88.2 |
| BENSON POLICE BARRACKS | MAX MIN | 86 64 | 82 65 | 81 65 | 80 62 | 79 61 | 89 63 | 92 68 | 96 70 | 96 73 | 97 75 | 93 66 | 94 64 | 90 70 | 91 71 | 87 59 | 87 60 | 90 62 | 93 60 | 95 66 | 94 69 | 90 69 | 86 65 | 85 55 | 83 56 | 78 63 | 86 65 | 86 70 | 89 69 | 89 65 | 82 65 | 87 58 | 89 58 | 88.3 |
| BOYDS 2 NW | MAX MIN | 84 65 | 79 64 | 80 65 | 75 63 | 78 63 | 84 67 | 86 67 | 90 71 | 92 74 | 92 75 | 87 66 | 90 66 | 87 70 | 85 71 | 84 56 | 82 61 | 86 61 | 89 62 | 93 65 | 92 74 | 92 70 | 81 66 | 80 57 | 75 59 | 72 65 | 86 68 | 87 69 | 85 67 | 81 68 | 80 54 | 84 59 | 84 59 | 84.5 |
| CATOCTIN MOUNTAIN PARK | MAX MIN | 73 61 | 71 62 | 71 62 | 71 62 | 74 63 | 78 64 | 78 66 | 85 67 | 86 74 | 86 72 | 84 64 | 83 68 | 83 69 | 80 58 | 79 58 | 77 62 | 79 60 | 82 65 | 84 68 | 85 71 | 78 68 | 84 69 | 85 69 | 79 65 | 73 60 | 73 64 | 78 68 | 78 69 | 74 63 | 75 55 | 77 56 | 78 56 | 78.0 |
| CLARKSVILLE 3 NNE | MAX MIN | 82 67 | 79 65 | 78 67 | 75 64 | 79 61 | 86 62 | 89 62 | 91 65 | 94 72 | 93 74 | 89 63 | 91 61 | 91 68 | 86 70 | 85 54 | 82 58 | 85 59 | 91 62 | 94 74 | 93 71 | 92 71 | 86 65 | 80 55 | 79 56 | 75 66 | 87 70 | 87 70 | 84 62 | 82 62 | 81 51 | 85 55 | 85.5 | |
| CONOWINGO DAM | MAX MIN | 84 61 | 82 62 | 81 63 | 75 60 | 82 58 | 86 59 | 92 60 | 96 61 | 96 66 | 92 64 | 94 58 | 93 60 | 95 64 | 90 60 | 85 55 | 85 56 | 94 57 | 93 57 | 95 65 | 90 64 | 88 64 | 80 59 | 81 66 | 80 60 | 74 56 | 85 60 | 80 60 | 74 64 | 85 68 | 80 69 | 84 57 | 84 57 | 88.0 |
| DAMASCUS 2 SW | MAX MIN | 79 65 | 79 64 | 78 65 | 71 64 | 75 63 | 84 67 | 86 68 | 89 73 | 91 75 | 88 75 | 87 68 | 90 65 | 87 65 | 86 53 | 82 53 | 80 59 | 88 66 | 89 66 | 92 66 | 91 69 | 88 69 | 80 65 | 81 54 | 80 53 | 74 64 | 85 67 | 80 67 | 80 64 | 74 60 | 85 50 | 84 53 | 84 57 | 82.5 |
| EMMITSBURG 2 SE | MAX MIN | 82 61 | 77 62 | 78 65 | 78 64 | 76 61 | 86 62 | 89 66 | 92 66 | 93 74 | 90 72 | 91 63 | 90 60 | 89 69 | 87 68 | 85 56 | 84 59 | 87 57 | 89 56 | 92 60 | 91 72 | 90 69 | 85 65 | 81 54 | 79 53 | 70 64 | 84 67 | 85 68 | 85 67 | 78 64 | 83 50 | 84 53 | 84 53 | 84.8 |
| FREDRICK POLICE BRKS | MAX MIN | 85 65 | 85 66 | 78 67 | 77 65 | 78 65 | 87 69 | 90 69 | 93 75 | 95 75 | 95 78 | 92 66 | 91 65 | 90 74 | 88 74 | 87 63 | 84 64 | 87 61 | 92 62 | 93 67 | 93 72 | 93 72 | 88 69 | 82 60 | 81 61 | 80 60 | 86 64 | 87 71 | 87 60 | 82 67 | 83 55 | 85 59 | 85 66 | 86.9 |
| PARKTON 2 SW | MAX MIN | 79 62 | 78 64 | 76 66 | 72 62 | 76 60 | 84 62 | 87 65 | 91 65 | 92 70 | 89 65 | 87 62 | 89 62 | 88 67 | 85 60 | 82 54 | 78 59 | 85 60 | 89 63 | 90 70 | 88 67 | 86 67 | 79 60 | 77 52 | 78 54 | 73 64 | 83 67 | 85 67 | 76 64 | 79 60 | 81 50 | 83 56 | 82.7 | |
| ROCKVILLE 3 NE | MAX MIN | 85 66 | 82 64 | 80 66 | 75 60 | 77 60 | 87 66 | 89 64 | 92 64 | 94 72 | 93 72 | 90 60 | 91 59 | 89 63 | 85 51 | 85 56 | 81 59 | 87 58 | 88 58 | 90 61 | 90 74 | 90 64 | 83 63 | 83 54 | 79 56 | 83 65 | 80 66 | 85 67 | 84 65 | 81 49 | 81 48 | 86 48 | 85.3 | |
| TOWSON | MAX MIN | 82 57 | 82 59 | 79 63 | 78 60 | 79 62 | 88 73 | 89 74 | 91 70 | 91 67 | 94 68 | 90 68 | 92 69 | 87 71 | 87 71 | 86 61 | 82 62 | 87 64 | 90 67 | 90 70 | 91 75 | 89 68 | 91 70 | 92 69 | 89 65 | 82 60 | 85 69 | 86 74 | 84 69 | 84 69 | 80 56 | 86 63 | 86 63 | 86.9 |
| UNIONVILLE | MAX MIN | 83 62 | 78 63 | 79 66 | 73 64 | 77 59 | 85 63 | 89 63 | 91 68 | 93 68 | 90 70 | 87 59 | 86 59 | 86 64 | 83 58 | 82 55 | 85 58 | 89 60 | 91 73 | 88 68 | 91 88 | 82 64 | 81 52 | 77 56 | 71 64 | 84 68 | 85 68 | 83 64 | 79 66 | 81 52 | 81 52 | 85 52 | 84 52 | 84.0 |
| WESTMINSTER POLICE BRK | MAX MIN | 82 64 | 78 64 | 78 65 | 76 62 | 74 64 | 84 65 | 90 69 | 92 71 | 98 74 | 88 75 | 91 67 | 90 69 | 93 72 | 88 78 | 84 58 | 89 63 | 89 61 | 92 64 | 91 73 | 90 70 | 88 65 | 80 56 | 78 60 | 74 63 | 85 67 | 85 71 | 85 67 | 78 65 | 78 66 | 80 50 | 83 61 | 83 61 | 85.0 |
| WOODSTOCK | MAX MIN | 83 67 | 81 66 | 79 67 | 74 64 | 78 61 | 86 66 | 89 67 | 92 67 | 94 74 | 92 74 | 90 65 | 92 64 | 87 70 | 85 55 | 84 60 | 86 60 | 90 62 | 92 64 | 91 73 | 89 71 | 85 67 | 80 56 | 81 57 | 74 65 | 86 69 | 86 72 | 84 67 | 84 68 | 83 55 | 86 58 | 86 58 | 85.6 | |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | MAX MIN | 83 64 | 80 65 | 79 66 | 83 67 | 81 64 | 89 63 | 91 65 | 94 66 | 97 77 | 92 61 | 94 61 | 94 66 | 91 68 | 86 56 | 86 59 | 84 61 | 89 62 | 94 63 | 97 65 | 94 72 | 89 67 | 84 56 | 86 56 | 85 60 | 80 65 | 89 70 | 86 65 | 86 65 | 76 59 | 85 51 | 85 56 | 87.4 | |
| FROSTBURG 2 | MAX MIN | 80 58 | 71 58 | 72 60 | 73 60 | 75 59 | 73 61 | 81 62 | 83 61 | 86 59 | 85 71 | 81 55 | 82 54 | 86 59 | 80 64 | 77 51 | 76 58 | 71 57 | 81 50 | 85 55 | 88 68 | 85 69 | 77 59 | 74 50 | 75 51 | 62 56 | 72 59 | 81 64 | 78 62 | 75 61 | 67 49 | 75 49 | 77.6 | |
| HAGERSTOWN | MAX MIN | 83 64 | 77 64 | 77 65 | 72 65 | 77 64 | 87 65 | 89 69 | 93 64 | 95 72 | 94 74 | 91 64 | 90 63 | 89 70 | 85 70 | 85 57 | 83 61 | 88 60 | 90 63 | 92 62 | 91 68 | 89 70 | 85 65 | 80 55 | 79 60 | 82 65 | 85 67 | 86 65 | 84 66 | 83 51 | 84 56 | 84 56 | 85.0 | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX
14

DAILY TEMPERATURES (°F)

MARYLAND AND
DELAWARE
JULY 1981

| 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 | 81 | 81 | 75 | 75 | 74 | 84 | 86 | 89 | 90 | 87 | 86 | 87 | 86 | 82 | 80 | 79 | 83 | 86 | 88 | 89 | 87 | 84 | 78 | 78 | 81 | 84 | 84 | 84 | 76 | 80 | 82 | 82 | 82.8 |
| | MIN | 58 | 64 | 64 | 65 | 64 | 63 | 62 | 63 | 72 | 72 | 58 | 59 | 65 | 64 | 51 | 58 | 57 | 59 | 61 | 71 | 68 | 63 | 50 | 53 | 57 | 66 | 71 | 63 | 65 | 47 | 53 | 61.5 | |
| ALLEGHENY PLATEAU 08 MC HENRY 2 NW | MAX | 80 | 68 | 70 | 73 | 77 | 69 | 78 | 80 | 82 | 82 | 80 | 82 | 83 | 75 | 75 | 74 | 72 | 78 | 82 | 84 | 82 | 71 | 70 | 75 | 66 | 80 | 80 | 74 | 79 | 63 | 67 | 75.8 | |
| | MIN | 56 | 56 | 59 | 59 | 60 | 60 | 60 | 63 | 66 | 68 | 57 | 59 | 60 | 65 | 50 | 53 | 58 | 60 | 58 | 65 | 64 | 57 | 49 | 50 | 54 | 60 | 63 | 62 | 57 | 46 | 48 | 58.1 | |
| OAKLAND 1 SE | MAX | 69 | 73 | 74 | 79 | 79 | 79 | 82 | 85 | 85 | 82 | 83 | 85 | 83 | 78 | 77 | 74 | 79 | 84 | 87 | 84 | 78 | 74 | 77 | 77 | 81 | 82 | 78 | 82 | 67 | 73 | 76 | 78.9 | |
| | MIN | 51 | 59 | 61 | 59 | 61 | 62 | 59 | 58 | 72 | 75 | 46 | 54 | 58 | 68 | 46 | 54 | 57 | 54 | 54 | 67 | 64 | 59 | 49 | 56 | 59 | 61 | 66 | 59 | 51 | 42 | 44 | 57.8 | |
| SAVAGE RIVER DAM | MAX | 81 | 72 | 72 | 72 | 79 | 73 | 81 | 83 | 86 | 87 | 82 | 85 | 87 | 80 | 80 | 79 | 72 | 82 | 86 | 89 | 87 | 78 | 74 | 77 | 65 | 77 | 84 | 78 | 77 | 68 | 76 | 79.0 | |
| | MIN | 55 | 58 | 62 | 62 | 62 | 62 | 61 | 62 | 65 | 73 | 53 | 53 | 55 | 68 | 51 | 55 | 58 | 57 | 57 | 61 | 66 | 62 | 50 | 51 | 56 | 62 | 67 | 62 | 63 | 45 | 46 | 58.7 | |
| DELAWARE NORTHERN 01 MIDDLETOWN 1 WSW | MAX | 83 | 79 | 82 | 76 | 76 | 86 | 89 | 92 | 93 | 93 | 89 | 91 | 91 | 87 | 84 | 84 | 90 | 90 | 93 | 91 | 90 | 82 | 81 | 81 | 78 | 88 | 88 | 86 | 83 | 82 | 87 | 86.0 | |
| | MIN | 67 | 67 | 66 | 67 | 65 | 68 | 68 | 69 | 73 | 75 | 63 | 67 | 71 | 70 | 58 | 59 | 59 | 62 | 65 | 73 | 71 | 68 | 56 | 59 | 65 | 68 | 70 | 66 | 69 | 52 | 56 | 65.5 | |
| NEWARK UNIVERSITY FARM | MAX | 82 | 80 | 82 | 81 | 79 | 86 | 89 | 92 | 94 | 94 | 91 | 92 | 92 | 89 | 85 | 86 | 88 | 92 | 94 | 94 | 90 | 85 | 80 | 82 | 79 | 85 | 86 | 87 | 83 | 83 | 88 | 86.8 | |
| | MIN | 68 | 67 | 67 | 68 | 65 | 67 | 69 | 73 | 74 | 74 | 66 | 68 | 72 | 73 | 62 | 61 | 63 | 64 | 67 | 73 | 72 | 69 | 59 | 60 | 67 | 68 | 72 | 65 | 70 | 51 | 58 | 66.8 | |
| WILMINGTON WSO AP | MAX | 83 | 81 | 80 | 76 | 80 | 88 | 91 | 93 | 95 | 91 | 91 | 91 | 91 | 87 | 85 | 85 | 86 | 92 | 94 | 91 | 91 | 84 | 82 | 81 | 78 | 86 | 89 | 79 | 84 | 85 | 86 | 86.3 | |
| | MIN | 67 | 67 | 70 | 68 | 64 | 68 | 70 | 71 | 76 | 74 | 66 | 70 | 74 | 67 | 60 | 63 | 66 | 68 | 69 | 73 | 73 | 67 | 59 | 65 | 70 | 71 | 74 | 72 | 62 | 56 | 61 | 67.8 | |
| WILMINGTON PORTER RESVR | MAX | 81 | 79 | 81 | 74 | 80 | 86 | 89 | 90 | 93 | 89 | 90 | 91 | 89 | 83 | 83 | 84 | 87 | 90 | 90 | 89 | 87 | 80 | 79 | 80 | 79 | 85 | 85 | 79 | 81 | 82 | 85 | 84.5 | |
| | MIN | 67 | 67 | 68 | 63 | 67 | 66 | 72 | 72 | 75 | 74 | 71 | 72 | 76 | 70 | 62 | 63 | 65 | 66 | 71 | 71 | 71 | 67 | 59 | 61 | 67 | 68 | 71 | 67 | 61 | 58 | 66 | 67.5 | |
| SOUTHERN 02 BRIDGEVILLE 1 NW | MAX | 80 | 82 | 82 | 79 | 83 | 85 | 91 | 93 | 97 | 94 | 91 | 95 | 92 | 90 | 87 | 85 | 86 | 90 | 95 | 93 | 96 | 88 | 84 | 83 | 79 | 87 | 90 | 86 | 86 | 86 | 87 | 87.8 | |
| | MIN | 67 | 66 | 65 | 69 | 65 | 70 | 68 | 69 | 73 | 75 | 63 | 65 | 73 | 72 | 59 | 59 | 65 | 61 | 63 | 72 | 74 | 68 | 59 | 56 | 64 | 65 | 70 | 68 | 71 | 53 | 55 | 65.9 | |
| DOVER | MAX | 81 | 77 | 79 | 79 | 81 | 86 | 91 | 93 | 96 | 96 | 93 | 93 | 93 | 91 | 88 | 84 | 85 | 90 | 94 | 93 | 96 | 95 | 86 | 82 | 78 | 85 | 90 | 89 | 86 | 84 | 84 | 87.7 | |
| | MIN | 68 | 68 | 64 | 69 | 66 | 70 | 72 | 74 | 75 | 77 | 70 | 69 | 74 | 76 | 64 | 64 | 68 | 65 | 68 | 75 | 73 | 70 | 66 | 61 | 65 | 67 | 73 | 69 | 67 | 55 | 59 | 68.4 | |
| GEORGETOWN 5 SW | MAX | 79 | 81 | 83 | 83 | 78 | 83 | 84 | 90 | 93 | 95 | 93 | 92 | 94 | 93 | 92 | 84 | 85 | 85 | 89 | 93 | 92 | 94 | 87 | 83 | 85 | 76 | 86 | 89 | 86 | 85 | 90 | 87.2 | |
| | MIN | 61 | 67 | 55 | 63 | 65 | 70 | 68 | 68 | 71 | 76 | 64 | 63 | 70 | 73 | 57 | 58 | 66 | 64 | 61 | 73 | 76 | 68 | 60 | 56 | 57 | 63 | 72 | 68 | 71 | 54 | 57 | 65.0 | |
| LEWES | MAX | 81 | 77 | 81 | 75 | 84 | 88 | 88 | 95 | 98 | 97 | 89 | 92 | 95 | 91 | 85 | 83 | 84 | 85 | 93 | 93 | 99 | 93 | 85 | 84 | 80 | 86 | 86 | 86 | 87 | 82 | 84 | 87.3 | |
| | MIN | 65 | 66 | 66 | 68 | 65 | 68 | 70 | 71 | 78 | 77 | 66 | 64 | 70 | 75 | 60 | 60 | 65 | 60 | 63 | 72 | 74 | 70 | 66 | 58 | 65 | 65 | 71 | 67 | 69 | 58 | 56 | 66.7 | |
| MILFORD 2 WSW | MAX | 83 | 79 | 83 | 81 | 84 | 90 | 91 | 93 | 97 | 95 | 91 | 95 | 94 | 92 | 87 | 88 | 88 | 92 | 96 | 95 | 97 | 90 | 83 | 82 | 79 | 84 | 89 | 88 | 85 | 81 | 88.4 | | |
| | MIN | 69 | 63 | 65 | 70 | 65 | 68 | 68 | 68 | 74 | 76 | 65 | 65 | 69 | 72 | 55 | 59 | 68 | 61 | 64 | 75 | 75 | 68 | 60 | 57 | 64 | 65 | 67 | 69 | 71 | 54 | 66.3 | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1981

| STATION | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL | SEASONAL NORM |
|------------------------------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-------|---------------|
| MARYLAND SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | |
| ASSATEAGUE STATE PARK | 0 | 0 | 14 | 216 | 565 | 839 | 1078 | 738 | 701 | 284 | 159 | 1 | 4595 | |
| CRISFIELD SOMERS COVE | 0 | 0 | 8 | 222 | 565 | 774 | 1049 | 675 | 625 | 175 | 120 | 0 | | 3759 |
| PRINCESS ANNE | 0 | 0 | 25 | 232 | 587 | 832 | 1069 | 624 | 689 | 224 | 136 | 0 | 4478 | |
| SALISBURY | 0 | 0 | 18 | 265 | 567 | 837 | 1061 | 645 | 683 | 206 | 127 | 0 | 4409 | 3985 |
| SALISBURY FAA AP | 0 | 0 | 21 | 294 | 584 | 872 | 1123 | 694 | 719 | 251 | 155 | 0 | 4713 | |
| SNOW HILL 4 N | 0 | 0 | 20 | 276 | 577 | 835 | 1070 | 655 | 678 | 233 | 137 | 2 | 4483 | 4239 |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | |
| CAMBRIDGE WTR TRMT PL | 0 | 0 | 5 | 223 | 531 | 810 | 1043 | 610 | 640 | 171 | 99 | 0 | 4132 | |
| DENTON 2 E | 0 | 0 | 18 | | | | 1120 | 656 | 681 | 217 | 133 | 2 | | 4409 |
| ROYAL OAK 2 SSW | 0 | 0 | 10 | 241 | 551 | 847 | 1097 | 672 | 656 | 196 | 123 | 1 | 4394 | |
| VIENNA | 0 | 0 | | 240 | 533 | 813 | 1075 | 658 | 661 | 189 | 115 | 1 | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | |
| LA PLATA 1 W | 0 | 0 | 21 | 292 | 591 | 853 | 1098 | 677 | 683 | 190 | 161 | 1 | 4567 | 4348 |
| MECHANICSVILLE 1 SE | 0 | 0 | 35 | 358 | 629 | 769 | 1109 | | 619 | 177 | 133 | 8 | | |
| OWINGS FERRY LANDING | 0 | 1 | 0 | | | | | 699 | 650 | 227 | 129 | | | 4271 |
| PATUXENT RIVER | 0 | 0 | 10 | 239 | 535 | 819 | 1076 | 714 | 647 | 210 | 116 | 0 | 4366 | |
| SOLOMONS | | | | | | | | | | 237 | | | | 3919 |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 0 | 0 | 10 | 262 | 559 | 820 | 1047 | 691 | 647 | 183 | 94 | 1 | 4314 | 4548 |
| BALTIMORE WSO AP | 0 | 0 | 20 | 311 | 620 | 908 | 1145 | 727 | 706 | 252 | 148 | 1 | 4838 | 4729 |
| BELTSVILLE | 0 | 0 | 27 | 343 | 651 | 952 | 1189 | 780 | 748 | 304 | 191 | 4 | 5189 | |
| COLLEGE PARK | 0 | 0 | 19 | 302 | 593 | 900 | 1102 | 722 | 690 | 212 | 145 | 2 | 4687 | 4440 |
| DALECARLIA RESVR D C | 0 | 0 | 17 | 283 | 626 | 883 | 1093 | 683 | 688 | 181 | 130 | 3 | 4587 | |
| GLENN DALE BELL STA | 0 | 0 | 27 | 310 | 632 | 888 | 1099 | 692 | 711 | 204 | 168 | 4 | 4735 | 4646 |
| LAUREL 3 W | 0 | 0 | 15 | 305 | 626 | 926 | 1146 | 704 | 650 | 201 | 132 | 0 | 4705 | |
| NATIONAL ARBORETUM D C | 0 | 0 | 23 | 296 | 653 | 827 | 1108 | 718 | 674 | 236 | 154 | 2 | 4691 | |
| UPPER MARLBORO 3 NNW | 0 | 0 | 28 | 332 | 635 | 928 | 1164 | 760 | 736 | 242 | 181 | 8 | 5014 | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | |
| CENTREVILLE | 0 | 0 | 26 | | | | | | | 213 | 115 | 2 | | |
| CHESTERTOWN | 0 | 0 | 14 | 292 | 622 | 926 | 1162 | 707 | 713 | 261 | 128 | 3 | 4828 | 4516 |
| MILLINGTON 2 WNW | | | | | | | 1182 | 697 | 718 | 259 | 156 | 4 | | 4614 |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 0 | 0 | 18 | 299 | 603 | 912 | 1154 | 701 | 688 | 225 | 126 | 1 | 4727 | |
| BALTIMORE WSO CI | 0 | 0 | 6 | 255 | 557 | 880 | 977 | 676 | 612 | 174 | 85 | 1 | 4223 | 4101 |
| BENSON POLICE BARRACKS | 0 | 0 | 14 | 295 | 644 | 937 | 1132 | 714 | 700 | 216 | 117 | 2 | 4771 | |
| BOYDS 2 NW | 0 | 0 | 23 | 307 | 642 | 918 | 1145 | 694 | 709 | 232 | 141 | 5 | 4810 | |
| CATOCTIN MOUNTAIN PARK | 0 | 5 | 44 | 427 | 743 | 1033 | 1272 | 824 | 841 | 305 | 177 | 20 | 5691 | |
| CLARKSVILLE 3 NNE | 0 | 0 | 35 | 345 | 679 | 946 | | 754 | 755 | 266 | 183 | 8 | | |
| CONOWINGO DAM | 0 | 0 | 26 | 371 | 722 | | | 831 | 819 | 339 | 181 | 8 | | 5184 |
| DAMASCUS 2 SW | 0 | 0 | 31 | 350 | 677 | 960 | 1187 | 754 | 749 | 274 | 184 | 8 | 5174 | |
| EMMITTSBURG 3 SE | 0 | 0 | 34 | 343 | 696 | 978 | 1191 | 767 | 748 | 293 | 168 | 7 | 5225 | |
| FREDRICK POLICE BRKS | 0 | 0 | 15 | 271 | 616 | 892 | 1113 | 704 | 680 | 206 | 117 | 4 | 4618 | |
| PARKTON 2 SW | 2 | 2 | 54 | 405 | 729 | 1036 | 1251 | 809 | 816 | 357 | 216 | 18 | 5695 | |
| ROCKVILLE 3 NE | 1 | 0 | 14 | 317 | 652 | 943 | 1141 | 732 | 699 | 180 | 161 | 11 | 4851 | |
| TOWSON | | | | | 664 | 967 | 1164 | 805 | 757 | 238 | | | | |
| UNIONVILLE | 1 | 2 | 56 | 399 | 727 | 992 | 1242 | 752 | 776 | 291 | 194 | 9 | 5441 | 5372 |
| WESTMINSTER POLICE BRK | 0 | 0 | 27 | 314 | 668 | 959 | 1178 | 735 | 743 | 247 | 145 | 7 | 5023 | |
| WOODSTOCK | 0 | 0 | 26 | 331 | 656 | 934 | 1153 | 739 | 718 | 243 | 148 | 5 | 4953 | 5011 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY AND SEASONAL HEATING DEGREE DAYS

MARYLAND AND
DELAWARE
JULY 1981

| STATION | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | TOTAL | SEASONAL NORM |
|--|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|------------------|
| MARYLAND APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 0 | 0 | 22 | 361 | 680 | 944 | 1162 | 781 | 739 | 258 | 143 | 10 | 5100 | |
| FROSTBURG 2 | 15 | 21 | 103 | 554 | 852 | 1134 | 1394 | 1012 | 1019 | 462 | 309 | 65 | 6940 | |
| HAGERSTOWN | 0 | 0 | 30 | 343 | 686 | 972 | 1191 | 760 | 742 | 250 | 134 | 7 | 5115 | |
| HANCOCK FRUIT LAB | 3 | 4 | 61 | 466 | 791 | 975 | 1193 | 818 | 737 | 248 | 170 | 11 | 5477 | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 13 | 20 | 124 | 603 | 872 | 1173 | 1460 | 1021 | 1044 | 443 | 327 | 65 | 7165 | |
| OAKLAND 1 SE | 6 | 12 | 90 | 540 | 799 | 1084 | 1375 | 952 | 949 | 394 | 284 | 40 | 6525 | 6508 |
| SAVAGE RIVER DAM | 7 | | 88 | 541 | 824 | 1103 | 1354 | 968 | 953 | 407 | 278 | 61 | | |
| DELAWARE NORTHERN 01 | | | | | | | | | | | | | | |
| MIDDLETOWN 1 WSW | 0 | 0 | 20 | 305 | 618 | 921 | 1169 | 703 | 704 | 250 | 134 | 0 | 4824 | |
| NEWARK UNIVERSITY FARM | 0 | 0 | 21 | 332 | 619 | 926 | 1170 | 712 | 727 | 265 | 129 | 2 | 4903 | 4944 |
| WILMINGTON WSO AP | 0 | 0 | 20 | 322 | 645 | 985 | 1222 | 752 | 763 | 299 | 135 | 4 | 5147 | 4940 |
| WILMGTN PORTER RESVR | 0 | 0 | 18 | 347 | 664 | 1008 | 1216 | 765 | 778 | 308 | 145 | 5 | 5254 | 5044 |
| SOUTHERN 02 | | | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 0 | 0 | 21 | 293 | 590 | 868 | 1098 | 649 | 680 | 231 | 149 | 2 | 4581 | 4495 |
| DOVER | 0 | 0 | 14 | 257 | 557 | 877 | 1105 | 685 | 677 | 217 | 144 | 0 | 4533 | 4357 |
| GEORGETOWN 5 SW | 0 | 0 | 30 | 313 | 612 | 908 | 1144 | 702 | 743 | 270 | 178 | 3 | 4903 | |
| LEWES | | | | | | | | | | | | | | |
| MILFORD 2 WSW | 0 | 0 | 17 | 264 | 570 | 876 | 1100 | 655 | 675 | 216 | 129 | 1 | 4503 | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

MARYLAND AND
DELAWARE
JULY 1981

| 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 | 31 | | | | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER SOUTHERN BELTSVILLE 04 | EVAP | 30 | 30 | 22 | 15 | * | 05 | 18 | 22 | 30 | 31 | 33 | 22 | 22 | 37 | 22 | 09 | 19 | 26 | 24 | 32 | 22 | 24 | 22 | 22 | 24 | 22 | 06 | 07 | 22 | 15 | 31 | 22 | 6.78 | |
| | WIND | 56 | 41 | 13 | 12 | - | 33 | 11 | 33 | 42 | 44 | 33 | 10 | 38 | 64 | 32 | 11 | 11 | 17 | 18 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 8.77B |
| | MAX | 93 | 81 | 11 | 12 | - | 92 | 79 | 92 | 97 | 98 | 98 | 99 | 99 | 92 | 92 | 99 | 99 | 94 | 94 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 91.7 |
| | MIN | 68 | 69 | 69 | 70 | 69 | 73 | 73 | 73 | 75 | 77 | 77 | 79 | 79 | 63 | 62 | 67 | 68 | 72 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 69.5 |
| UPPER MARLBORO 3 NNW | EVAP | 28 | - | 10 | 10 | - | 07 | 11 | 33 | 27 | 27 | 27 | 22 | 22 | 32 | 29 | 06 | 20 | 22 | 28 | 36 | 22 | 22 | 22 | 22 | 09 | 07 | 13 | 22 | 11 | 30 | 22 | 6.40B | | |
| | WIND | 57 | 15 | 11 | 12 | 4 | 11 | 11 | 11 | 10 | 15 | 15 | 12 | 10 | 16 | 16 | 18 | 16 | 16 | 18 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 4.27 | |
| | MAX | 90 | 88 | 88 | 84 | 80 | 80 | 90 | 90 | 99 | 100 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 94 | 94 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 90.0 | |
| | MIN | 68 | 68 | 69 | 70 | 69 | 69 | 72 | 79 | 73 | 73 | 77 | 79 | 79 | 63 | 62 | 66 | 69 | 69 | 69 | 71 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 74 | 68.7 | |
| ALLEGHENY PLATEAU SAVAGE RIVER DAM 08 | EVAP | 23 | 05 | * | 09 | 12 | 05 | 19 | 14 | 17 | 17 | 24 | 22 | 12 | 23 | 20 | 01 | 27 | 11 | 15 | 11 | 09 | 33 | 04 | 00 | 16 | 09 | 11 | 20 | 20 | 21 | 4.55 | | | |
| | WIND | 26 | 42 | 22 | 21 | 15 | 17 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 10.80 | | |
| | MAX | 81 | 69 | 79 | 74 | 81 | 73 | 84 | 90 | 89 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 83.4 | |
| | MIN | 55 | 61 | 66 | 64 | 64 | 65 | 64 | 66 | 66 | 71 | 71 | 75 | 75 | 55 | 55 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 61.3 | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN NEWARK UNIVERSITY FARM 01 | EVAP | 35 | 09 | 12 | 10 | 04 | 16 | 23 | 22 | 12 | 36 | 33 | 30 | 32 | 28 | 33 | 09 | 23 | 29 | 25 | 22 | 22 | 22 | 22 | 22 | 15 | 36 | 14 | 12 | 16 | 22 | 19 | 24 | 6.91 | |
| | WIND | 86 | 49 | 22 | 19 | 24 | 21 | 30 | 36 | 40 | 35 | 22 | 14 | 52 | 44 | 14 | 15 | 13 | 18 | 19 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 8.89 | |
| | MAX | 83 | 84 | 88 | 88 | 87 | 92 | 94 | 96 | 96 | 95 | 95 | 97 | 97 | 91 | 91 | 91 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 91.0 |
| | MIN | 75 | 78 | 78 | 73 | 76 | 81 | 78 | 75 | 79 | 86 | 88 | 85 | 85 | 70 | 76 | 73 | 86 | 84 | 83 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 78.3 |
| SOUTHERN GEORGETOWN 5 SW 02 | EVAP | 19 | 20 | - | 10 | 16 | 15 | 32 | 34 | - | 17 | 36 | 38 | 30 | 47 | 31 | 20 | 23 | 33 | 30 | 33 | 33 | 33 | 29 | 35 | 31 | - | 23 | 24 | 30 | - | 8.51B | | | |
| | WIND | 23 | 72 | 55 | 34 | 63 | 40 | 34 | 42 | 60 | 73 | 51 | 62 | 84 | 96 | 51 | 48 | 31 | 45 | 74 | 46 | 77 | 77 | 64 | 53 | 41 | 24 | 89 | 78 | 94 | 37 | 19.45 | | | |
| | MAX | 81 | 80 | 82 | 84 | 77 | 81 | 83 | 87 | 80 | 92 | 92 | 94 | 87 | 85 | 84 | 82 | 87 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 86.1 | |
| | MIN | 69 | 72 | 72 | 72 | 74 | 73 | 73 | 73 | 74 | 74 | 77 | 78 | 78 | 73 | 70 | 72 | 72 | 74 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 74.0 | |

EVAPORATION: IS MEASURED IN 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
JULY 1981

| 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 | 00193 | 06 | HARFORD | 39 28 | 76 10 | 57 | 4 P | 4 P | C H | ROSS AVIATION INC | | |
| ANNAPOLIS POLICE BRKS | 01933 | 04 | HARFORD | 38 59 | 76 30 | 257 | 5 P | 5 P | C H | ANNAPOLIS POLICE BRKS | | |
| ASSATEAGUE STATE PARK | 03339 | 01 | WORCESTER | 38 14 | 75 08 | 1996 | MID | MID | C H J | ASSATEAGUE STATE PARK | | |
| BALTIMORE WSO AP | 04655 | 04 | ANNE ARUNDEL | 39 11 | 76 40 | 1991 | MID | MID | C C C | NATL WEATHER SERVICE | | |
| BALTIMORE WSO CI | 04700 | 06 | BALTO CITY | 39 17 | 76 37 | 911 | MID | MID | C C C | OCMI COMMANDING OFFICER | | |
| BELTSVILLE | 07000 | 04 | PRN GEORGES | 39 02 | 76 53 | 1220 | 8 A | 8 A | B A C | U S DEPT OF AGRICULTURE | | |
| BENSON POLICE BARRACKS | 07322 | 06 | HARFORD | 39 30 | 76 23 | 365 | 5 P | 5 P | B A C | MARYLAND STATE POLICE | | |
| BOYDS 2 NW | 10322 | 06 | MONTGOMERY | 39 13 | 77 20 | 580 | 6 P | 6 P | | HUNTER F STALEY | | |
| BRIGHTON DAM | 11250 | 06 | MONTGOMERY | 39 12 | 77 01 | 330 | MID | MID | | WASH SUB SANY COMM | | |
| CAMBRIDGE WTR TRMT PL | 13850 | 02 | ORCHESTER | 38 34 | 76 04 | 5 | 4 P | 4 P | C H | WASTEWATER TRTMT PLANT | | |
| CATOCTIN MOUNTAIN PARK | 15300 | 06 | FREDERICK | 39 39 | 77 29 | 1610 | 5 P | 5 P | C H H | CATOCTIN MOUNTAIN PARK | | |
| CENTREVILLE | 16227 | 05 | QUEEN ANNES | 39 03 | 76 04 | 60 | 5 P | 5 P | C H H | MICHAEL B CATE | | |
| CHESTERTOWN | 17500 | 05 | KENT | 39 13 | 76 04 | 40 | 11 P | 11 P | C H H | THOMAS W ELIASON JR | | |
| CLARKSVILLE 3 NNE | 18620 | 06 | HOWARD | 39 15 | 76 56 | 365 | 5 P | 5 P | C H H | UNIVERSITY OF MARYLAND | | |
| COLLEGE PARK | 19950 | 04 | PRN GEORGES | 38 59 | 76 57 | 90 | 9 A | 9 A | C H H | UNIVERSITY OF MARYLAND | | |
| CONOWINGO DAM | 20600 | 06 | HARFORD | 39 39 | 76 10 | 40 | MID | MID | C H H | SUSQUEHANNA ELECTRIC CO | | |
| CRISFIELD SOMERS COVE | 22150 | 01 | SOMERSET | 37 59 | 75 52 | 88 | 5 P | 5 P | C H H | SOMERS COVE MARINA | | |
| CUMBERLAND 2 | 22820 | 07 | ALLEGANY | 39 38 | 78 45 | 700 | 6 P | 7 A | H H | TIMOTHY B THOMAS | | |
| DAMASCUS 2 SW | 23335 | 06 | MONTGOMERY | 39 16 | 77 14 | 720 | 7 P | 7 P | H H | RICHARD W SCHWERDT | | |
| DENTON 2 E | 25223 | 02 | CAROLINE | 38 53 | 75 48 | 50 | 5 P | 5 P | H H | ARTHUR REINHOLD | | |
| DODGEMONT | 27700 | 07 | WASHINGTON | 39 40 | 77 33 | 905 | 7 A | 7 A | C H H | JOHN W HARNE | | |
| FREDERICKSBURG 2 SE | 29050 | 06 | FREDERICK | 39 41 | 77 18 | 415 | 5 P | 5 P | C H H | MRS LUCILLE K BEALE | | |
| FREDERICKSBURG | 30900 | 02 | CAROLINE | 38 41 | 75 46 | 380 | 5 P | 5 P | C H H | SEWAGE TREATMENT PLANT | | |
| FREDERICK POLICE BRKS | 33488 | 06 | FREDERICK | 39 25 | 77 26 | 380 | 5 P | 5 P | C H H | MARYLAND STATE POLICE | | |
| FREDERICK 3 E | 33555 | 06 | FREDERICK | 39 24 | 77 22 | 385 | 7 A | 7 A | H H | MISS I MARY STALEY | | |
| FROSTBURG 2 | 34150 | 07 | ALLEGANY | 39 40 | 78 56 | 2170 | 7 A | 7 A | H H | LEE K CLOSE | | |
| GLENN DALE BELL STA | 36750 | 04 | PRN GEORGES | 38 58 | 76 48 | 150 | 4 P | 4 P | H H | USDA PLT INTRODUCT STA | | |
| HAGERSTOWN | 39750 | 07 | WASHINGTON | 39 39 | 77 44 | 660 | 6 P | 6 P | C H H | HAGERSTOWN RESERVOIR | | |
| HANCOCK FRUIT LAB | 40300 | 07 | WASHINGTON | 39 42 | 78 11 | 428 | 4 P | 4 P | C H H | SHARPSBURG RESEARCH C | | |
| LA PLATA 1 W | 50800 | 03 | CHARLES | 38 32 | 77 00 | 140 | 6 P | 6 P | C H H | C RUSSELL LEVERING | | |
| LAUREL 3 W | 51111 | 04 | PRN GEORGES | 39 06 | 76 54 | 400 | MID | MID | C H H | WASH SUB SANY COMM | | |
| MC HENRY 2 NW | 58322 | 08 | GARRETT | 39 35 | 79 22 | 2680 | 8 A | 8 A | C H H | JOSEPH F JOHENNING | | |
| MECHANICSVILLE 1 SE | 58650 | 03 | ST MARYS | 38 26 | 76 43 | 160 | 5 P | 5 P | C H H | MRS EDITH R BENNETT | | |
| MERRILL | 58940 | 08 | GARRETT | 39 36 | 79 05 | 1790 | 9 A | 9 A | C H H | DELWOOD E MERRILL | | |
| MILLINGTON 2 WNW | 59850 | 05 | KENT | 39 16 | 75 52 | 30 | 5 P | 5 P | C H H | MRS GERALDINE CONNOLLEY | | |
| NEW GERMANY 2 | 64100 | 08 | GARRETT | 39 37 | 79 08 | 2480 | | | C H H | LESTER BITTINGER | | |
| OAKLAND 1 SE | 66220 | 08 | GARRETT | 39 24 | 79 24 | 2420 | 5 P | 5 P | C H H | MS CARA M WEBER | | |
| OWINGS FERRY LANDING | 67700 | 03 | CALVERT | 38 41 | 76 40 | 160 | 5 P | 5 P | C H H | JAMES E BOURNE JR | | |
| PARKTON 2 SW | 68444 | 06 | BALTIMORE | 39 38 | 76 42 | 600 | 11 P | 11 P | C H H | JOHN R FOX | | |
| PATUXENT RIVER | 69150 | 03 | ST MARYS | 38 20 | 76 25 | 38 | MID | MID | C H H | NAVAL WEATHER SERVICE | | |
| POTOMAC FILTER PLANT | 72720 | 06 | MONTGOMERY | 39 02 | 77 15 | 2700 | MID | MID | C H H | POTOMAC WATER FILT PLT | | |
| PRINCESS ANNE | 73300 | 01 | SOMERSET | 38 13 | 75 41 | 420 | 5 P | 5 P | C H H | MARYLAND ST COLLEGE FRM | | |
| ROCKVILLE 3 NE | 77050 | 06 | MONTGOMERY | 39 07 | 77 06 | 400 | 4 P | 4 P | C H H | MD NATL CAPITAL PARK | | |
| ROYAL OAK 2 SSW | 78060 | 02 | TALBOT | 38 43 | 76 11 | 10 | 6 P | 6 P | C H H | JOHN L SWAINE JR | | |
| SALISBURY | 80000 | 01 | WICOMICO | 38 22 | 75 35 | 10 | 5 P | 5 P | C H H | CITY OF SALISBURY | | |
| SALISBURY FAA AP | 80050 | 01 | WICOMICO | 38 20 | 75 31 | 48 | MID | MID | C H H | FAA | | |
| SAVAGE RIVER DAM | 80690 | 08 | GARRETT | 39 31 | 79 08 | 1495 | 8 A | 8 A | B A C | U S CORPS OF ENGINEERS | | |
| SINES DEEP CREEK | 83150 | 08 | GARRETT | 39 32 | 79 25 | 2040 | | | C H H | PA ELECTRIC COMPANY | | |
| SNOW HILL 4 N | 83800 | 01 | WORCESTER | 38 14 | 75 23 | 28 | 6 P | 6 P | C H H | CURTIS E SHOCKLEY | | |
| SOLOMONS | 84050 | 03 | CALVERT | 38 19 | 76 27 | 12 | 8 A | 8 A | C H H | CHESAPEAKE BIOL LAB | | |
| TOWSON | 88770 | 06 | BALTIMORE | 39 23 | 76 34 | 390 | 6 P | 6 P | C H H | BENDIX FRIEZ | | |
| UNIONVILLE | 90300 | 06 | FREDERICK | 39 27 | 77 11 | 430 | 6 P | 6 P | C H H | GEORGE P VON EIFF JR | | |
| UPPER MARLBORO 3 NNW | 90700 | 04 | PRN GEORGES | 38 52 | 76 47 | 98 | 8 A | 8 A | B A C | TOBACCO EXP FARM | | |
| VIENNA | 91400 | 02 | ORCHESTER | 38 29 | 75 50 | 12 | 6 P | 6 P | C H H | DELMARVA POWER & LIGHT | | |
| WESTMINSTER POLICE BRK | 94400 | 06 | CARROLL | 39 33 | 76 58 | 765 | 5 P | 5 P | C H H | MARYLAND STATE POLICE | | |
| WOODSTOCK | 97500 | 06 | BALTIMORE | 39 20 | 76 52 | 460 | 6 P | 6 P | C H H | JOHN A HILTZ | | |

STATION INDEX

MARYLAND AND
DELAWARE
JULY 1981

| STATION | INDEX NO. | DIVISION | COUNTY | LATITUDE | LONGITUDE | ELEVATION (IN FEET) | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|------------------------|-----------|----------|------------|----------|-----------|------------------------|-----------------------------------|--------|------|------------------------|----------|------------------------|
| | | | | | | | LOCAL STD TIME | | | | | |
| | | | | | | | TEMP | PRECIP | EVAP | SPECIAL (SEE NOTES) | | |
| DISTRICT OF COLUMBIA | | | | | | | | | | | | |
| DALECARLIA RESVR D C | 2322504 | | | 38 56 | 77 07 | 146 | 5 P | 5 P | | | | U S CORPS OF ENGINEERS |
| NATIONAL ARBORETUM D C | 635004 | | | 38 54 | 76 59 | 50 | 8 A | 8 A | | H | | U S NATL ARBORETUM |
| DELAWARE | | | | | | | | | | | | |
| BRIDGEVILLE 1 NW | 1333002 | | SUSSEX | 38 45 | 75 37 | 50 | 5 P | 5 P | | | H | WILLIAM M RAY |
| DOVER | 2733002 | | KENT | 39 09 | 75 31 | 30 | 5 P | 5 P | | | H | STATE DIV OF HIGHWAYS |
| GEORGETOWN 5 SW | 3570002 | | SUSSEX | 38 38 | 75 27 | 45 | 8 A | 8 A | 8 AC | | H | UNIV OF DEL SUBSTATION |
| LEWES | 5332002 | | SUSSEX | 38 46 | 75 08 | 15 | 5 P | 5 P | | | H | BOARD OF PUBLIC WORKS |
| MIDDLETOWN 1 WSW | 8850002 | | NEW CASTLE | 39 26 | 75 45 | 60 | 4 P | 4 P | | | H | PIONEER HIBRED CORN CO |
| MILFORD 2 WSW | 9910002 | | SUSSEX | 38 55 | 75 28 | 30 | 5 P | 5 P | | | H | MRS BERNARD FRANKEL |
| NEWARK UNIVERSITY FARM | 6410002 | | NEW CASTLE | 39 40 | 75 44 | 30 | 5 P | 5 P | 5 PC | | H | UNIV OF DELAWARE |
| WILMINGTON WSO AP | 5900002 | | NEW CASTLE | 39 40 | 75 36 | 79 | MID | MID | | C | H | NATL WEATHER SERVICE |
| WILMGTON PORTER RESVR | 6050002 | | NEW CASTLE | 39 46 | 75 32 | 274 | MID | MID | | | H | WATER DEPARTMENT |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

MARYLAND AND
DELAWARE
JULY 1981

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

RESULTANT WIND: The vector sum of wind velocity (direction and speed) divided by the number of observations. In "Supplemental Data" tables, resultant directions are in tens of degrees.

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.
- + Precipitation or temperature extremes occurred on one or more previous dates during the month.
- ++ Highest observed one minute wind speed. The station is not equipped with an instrument to measure fastest mile.
- * Gage not read. The precipitation included in the amount following the asterisks. Time distribution not known.
- // Gage equipped with a windshield.
- ~ Extreme occurred at a station with incomplete data. It may have been exceeded at that station.
- 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.
- B Adjusted monthly value of evaporation. Total evaporation amount is divided by number of recorded days, multiplied by number of days in the month.
- D Water equivalent of snowfall entirely or partially estimated, using a ratio of 1 inch water to every 10 inches of new snowfall.
- M Missing data. It appears with the average temperature in the "Monthly Summarized Station and Divisional Data" table if less than 10 days data are missing and it appears alone if 10 or more days are missing.
- R Amounts from recording gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month.

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.
- H Observations appear in "Monthly Snowfall and Snow on Ground" table.
- J Observations appear in "Supplemental Data" 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".

Late Reports and Corrections will be published annually as a supplemental bulletin.

Interpolated values for monthly precipitation totals may be found in the annual issue of this bulletin. Blank entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero precipitation.

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

USCOMM-NOAA-ASHEVILLE, N.C. JULY 1981-0895

MARYLAND AND DELAWARE - JULY 1981

SPECIAL WEATHER SUMMARY

July 1981 temperatures averaged mostly near normal. A long period of above normal temperatures extended from the 6th through the 14th; otherwise each hot and humid period, usually of short duration, was followed by several delightfully cool days. Highest temperatures ranged mostly in the mid to upper 90's on the 9th except in mid to upper 80's in the Garrett County area. Lowest temperatures ranged mostly from the mid 40's to mid 50's on the 30th. Rainfall mainly occurring early in the month and again late in the month, ranged from the near normal to the above

normal except the below normal in Delaware, in parts of Maryland's Eastern Shore and in the Cumberland area. Totals over 6 inches were found in parts of Dorchester, Calvert, Prince Georges and Anne Arundel Counties. A two-week dry period extended from the 6th through the 19th and seriously affected agriculture, especially in southern Delaware.

No severe storms were reported during the month in both Maryland and Delaware.

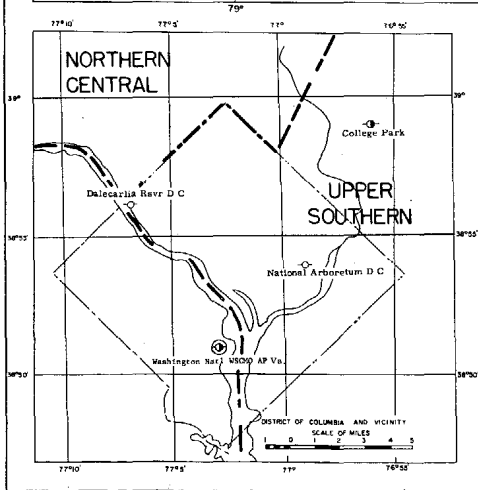
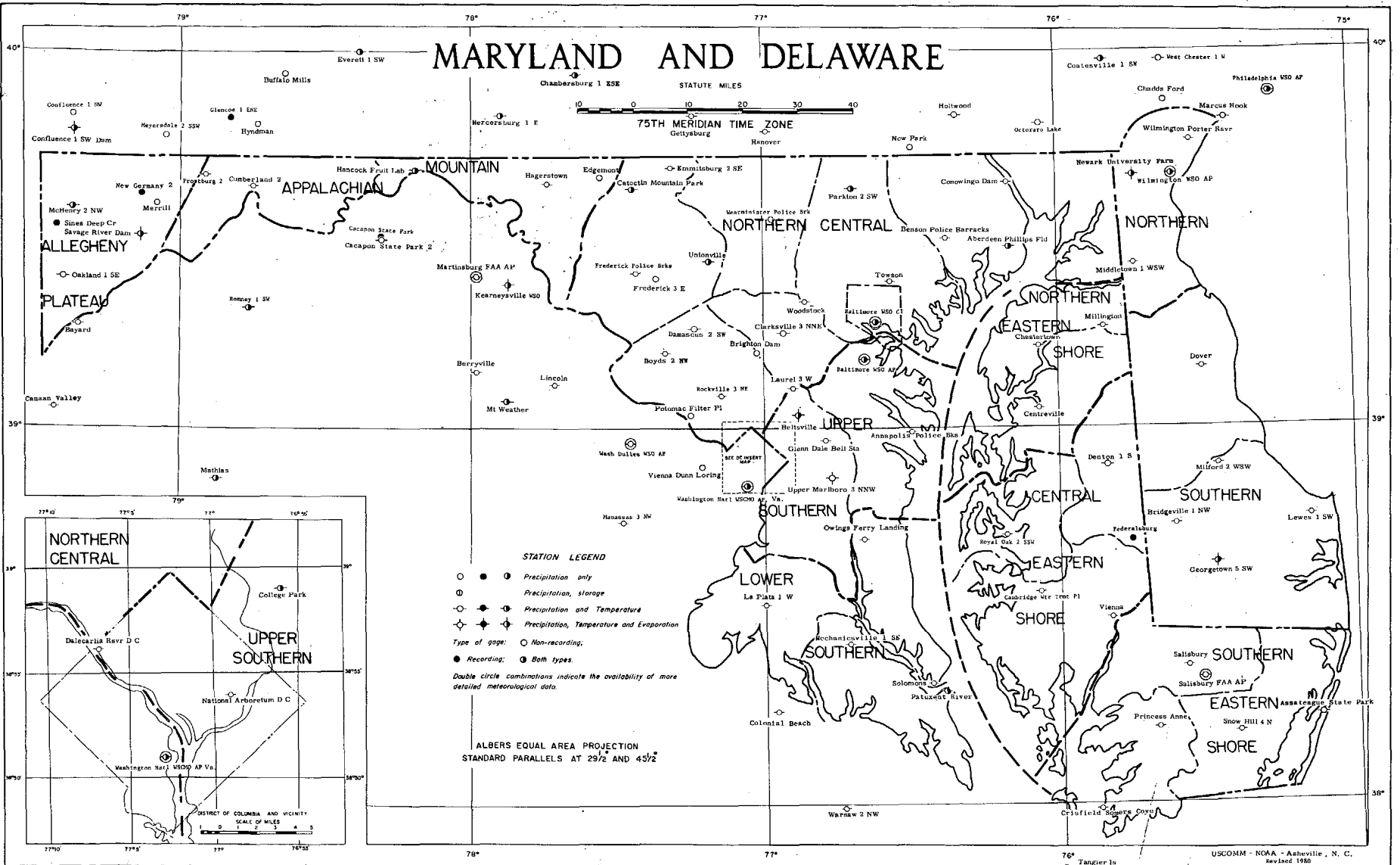
W.J. Moyer, State Climatologist
University of Maryland
Room 1123A, Jull Hall
College Park, MD 20742

MARYLAND AND DELAWARE

STATUTE MILES



75TH MERIDIAN TIME ZONE
Gettysburg



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

ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 43 1/2

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
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