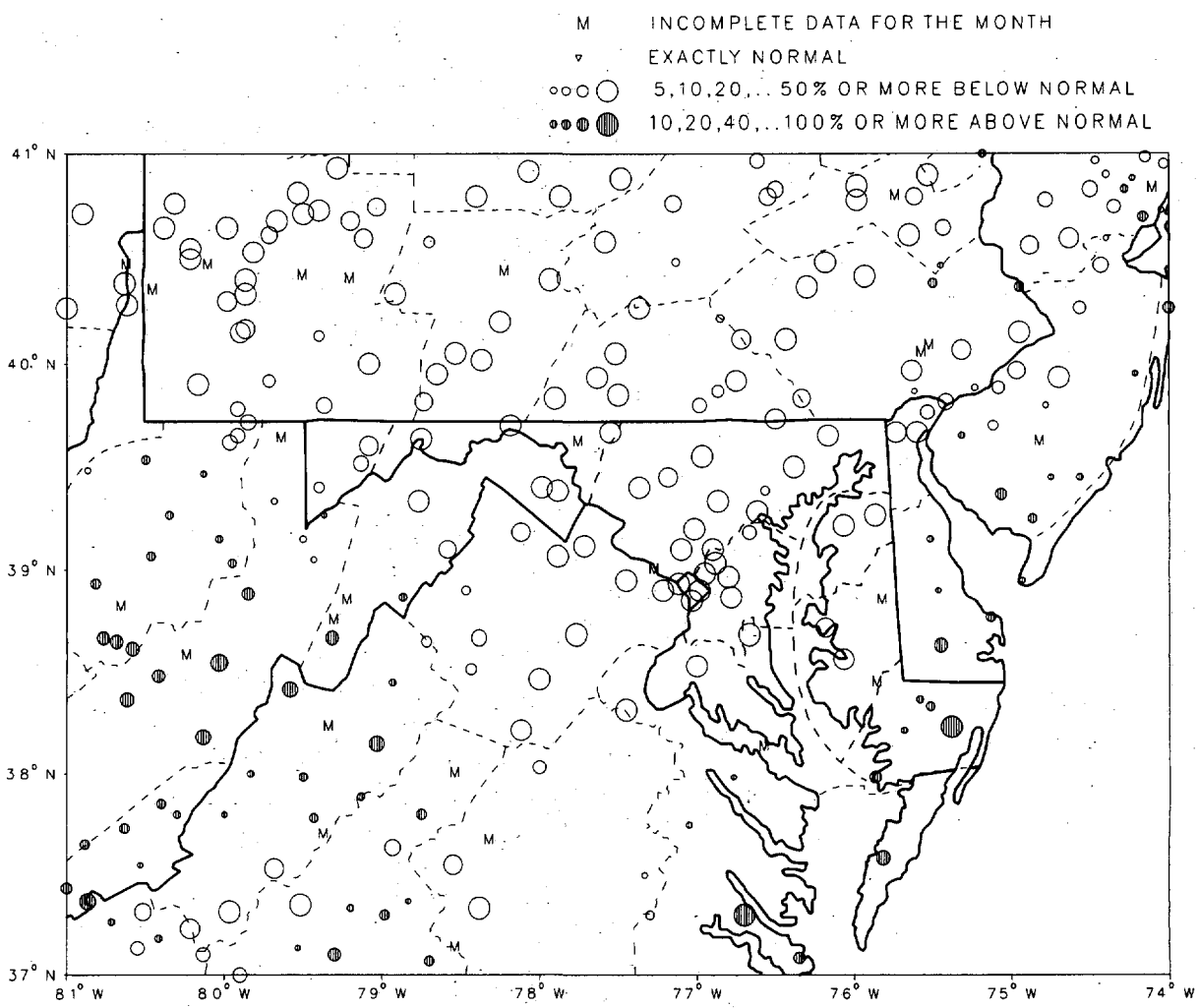
ISSN 0145-0549

# CLIMATOLOGICAL DATA
## MARYLAND AND DELAWARE
### AUGUST 1989
### VOLUME 93 NUMBER 8

MONTHLY PRECIPITATION DEPARTURE FROM
INDIVIDUAL STATION NORMALS (1951–1980)




CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

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noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE

NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

# TEMPERATURE AND PRECIPITATION EXTREMES



| | | | | |
|---|---|---|---|---|
| MARYLAND | | | | |
| HIGHEST TEMPERATURE | 99 | AUGUST 4 | BALTIMORE WSO CITY | R |
| LOWEST TEMPERATURE | 39 | AUGUST 9 | OAKLAND 1 SE | |
| GREATEST TOTAL PRECIPITATION | 16.66 | | SNOW HILL 4 N | |
| LEAST TOTAL PRECIPITATION | .06 | | LAUREL 3 W | |
| GREATEST 1 DAY PRECIPITATION | 5.35 | AUGUST 19 | SNOW HILL 4 N | |
| DELAWARE | | | | |
| HIGHEST TEMPERATURE | 97 | AUGUST 5 | DOVER | |
| LOWEST TEMPERATURE | 51 | AUGUST 8 | NEWARK UNIVERSITY FARM | |
| GREATEST TOTAL PRECIPITATION | 10.77 | | GEORGETOWN 5 SW | |
| LEAST TOTAL PRECIPITATION | 1.97 | | WILMINGTON WSO ARPT | R |
| GREATEST 1 DAY PRECIPITATION | 3.52 | AUGUST 7 | LEWES | |

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | TEMPERATURE (°F) | | | | | | | | | | NO. OF DAYS | | | | PRECIPITATION (IN) | | | | SNOW, SLEET | | | NO. OF DAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | HIGHEST | DATE | LOWEST | DATE | HEATING DEGREE DAYS | COOLING DEGREE DAYS | MAX 90 OR ABOVE | MAX 32 OR BELOW | MIN 32 OR BELOW | MIN 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 IS NATL SEA | 83.3 | 66.6 | 75.0 | | 95 | 6 | 59 | 8 | 0 | 319 | 6 | 0 | 0 | 0 | 8.88 | | 4.00 | 13 | .0 | 0 | | 8 | 4 | 3 |
| CRISFIELD SOMERS COVE | 83.0 | 71.0 | 77.0 | -.8 | 90 | 6 | 62 | 10+ | 0 | 380 | 1 | 0 | 0 | 0 | 7.98 | 3.59 | 3.75 | 18 | .0 | 0 | | 6 | 5 | 3 |
| PRINCESS ANNE | 84.1 | 66.9 | 75.5 | .5 | 91 | 6+ | 53 | 9 | 0 | 332 | 5 | 0 | 0 | 0 | 6.45 | .82 | 1.92 | 13 | .0 | 0 | | 8 | 5 | 3 |
| SALISBURY | 83.5 | 65.4 | 74.5 | -1.5 | 91 | 5+ | 53 | 9+ | 2 | 302 | 3 | 0 | 0 | 0 | 7.09 | 1.37 | 1.90 | 12 | .0 | 0 | | 8 | 5 | 4 |
| SALISBURY FAA ARPT | 82.4 | 67.6 | 75.0 | -.3 | 91 | 6+ | 57 | 26 | 0 | 317 | 3 | 0 | 0 | 0 | 8.17 | 2.45 | 2.16 | 18 | .0 | 0 | | 8 | 6 | 4 |
| SNOW HILL 4 N | 84.7 | 66.7 | 75.7 | .7 | 92 | 5+ | 54 | 9 | 0 | 339 | 7 | 0 | 0 | 0 | 16.66 | 11.23 | 5.35 | 19 | .0 | 0 | | 9 | 5 | 5 |
| --DIVISIONAL DATA-------> | | | 75.5 | -.3 | | | | | | | | | | | 9.21 | 4.01 | | | .0 | | | | | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WATER TRMT P | 84.7 | 68.7 | 76.7 | 1.1 | 94 | 5+ | 61 | 26+ | 0 | 370 | 9 | 0 | 0 | 0 | 2.80 | -2.48 | 1.10 | 18 | .0 | 0 | | 6 | 3 | 1 |
| DENTON 2 E | M | M | M | | | | | | | | | | | | | | | | M | M | | | | |
| ROYAL OAK 2 SSW | 82.7 | 68.5 | 75.6 | -1.0 | 92 | 5 | 54 | 9 | 0 | 337 | 4 | 0 | 0 | 0 | 2.96 | -2.13 | 1.40 | 7 | .0 | 0 | | 6 | 3 | 1 |
| VIENNA | M | M | M | | | | | | | | | | | | | | | | M | M | | | | |
| --DIVISIONAL DATA-------> | | | 76.2 | .2 | | | | | | | | | | | 2.88 | -2.34 | | | .0 | | | | | |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | 80.3 | 66.0 | 73.2 | -1.6 | 89 | 4 | 50 | 9 | 5 | 264 | 0 | 0 | 0 | 0 | .59 | -4.33 | .23 | 2 | .0 | 0 | | 3 | 0 | 0 |
| MECHANICSVILLE 5 NE | 81.3 | 65.9 | 73.6 | | 91 | 4 | 50 | 9 | 4 | 276 | 3 | 0 | 0 | 0 | 1.38 | | .76 | 12 | .0 | 0 | | 3 | 1 | 0 |
| OWINGS FERRY LANDING | 83.0 | 65.8 | 74.4 | -.6 | 92 | 5 | 51 | 9 | 2 | 301 | 6 | 0 | 0 | 0 | .89 | -3.30 | .26 | 11 | .0 | 0 | | 4 | 0 | 0 |
| PATUXENT RIVER | 83.4 | 69.0 | 76.2 | | 94 | 4 | 60 | 9+ | 0 | 357 | 5 | 0 | 0 | 0 | 3.14 | | 1.00 | 18 | .0 | 0 | | 7 | 1 | 1 |
| TALL TIMBERS | M | M | M | | | | | | | | | | | | | | | | M | M | | | | |
| --DIVISIONAL DATA-------> | | | 74.4 | -1.2 | | | | | | | | | | | 1.50 | -3.12 | | | .0 | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 85.6 | 63.3 | 74.5 | | 96 | 5+ | 50 | 9 | 0 | 298 | 9 | 0 | 0 | 0 | 2.03 | | .63 | 19 | .0 | 0 | | 4 | 1 | 0 |
| BALTIMORE WSO ARPT R | 82.7 | 66.1 | 74.4 | -1.2 | 92 | 4 | 53 | 9 | 0 | 298 | 4 | 0 | 0 | 0 | 3.38 | -1.24 | 2.60 | 28 | .0 | 0 | | 5 | 1 | 1 |
| BELTSVILLE | 83.0 | 64.8 | 73.9 | -.1 | 94 | 5 | 50 | 9 | 2 | 288 | 4 | 0 | 0 | 0 | .83 | -3.88 | .57 | 15 | .0 | 0 | | 1 | 1 | 0 |
| COLLEGE PARK | 84.5 | 66.4 | 75.5 | -.5 | 95 | 5 | 52 | 9 | 0 | 333 | 7 | 0 | 0 | 0 | 1.06 | -3.94 | .70 | 15 | .0 | 0 | | 3 | 1 | 0 |
| DALECARLIA RESVR DC | 85.5 | 61.1 | 73.3 | -2.6 | 94 | 4 | 46 | 9 | 8 | 270 | 8 | 0 | 0 | 0 | .24 | -4.36 | .17 | 21 | .0 | 0 | | 1 | 0 | 0 |
| GLENN DALE BELL STN | 84.3M | 63.6M | 74.0M | -.5 | 92 | 5+ | 48 | 9 | 4 | 283 | 5 | 0 | 0 | 0 | .70 | -4.21 | .30 | 12 | .0 | 0 | | 2 | 0 | 0 |
| LAUREL 3 W | M | 64.0 | M | | 94 | 23 | 48 | 9 | | | 3 | 0 | 0 | 0 | .06 | -4.11 | .01 | 22+ | .0 | 0 | | 0 | 0 | 0 |
| NATIONAL ARBORETUM DC | 84.9 | 60.8 | 72.9 | -3.8 | 95 | 7+ | 45 | 10 | 6 | 256 | 11 | 0 | 0 | 0 | .32 | -4.78 | .23 | 22 | .0 | 0 | | 1 | 0 | 0 |
| UPPER MARLBORO 3 NNW | 83.1 | 62.7 | 72.9 | | 94 | 7+ | 47 | 9 | 5 | 258 | 7 | 0 | 0 | 0 | .70 | -3.96 | .22 | 13 | .0 | 0 | | 3 | 0 | 0 |
| --DIVISIONAL DATA-------> | | | 73.9 | -1.4 | | | | | | | | | | | 1.04 | -3.70 | | | .0 | | | | | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | | | | | | |
| CHESTERTOWN | 83.6 | 66.8 | 75.2 | -.6 | 94 | 4 | 53 | 9 | 0 | 327 | 4 | 0 | 0 | 0 | 1.26 | -3.35 | .42 | 19 | .0 | 0 | | 4 | 0 | 0 |
| MILLINGTON 1 SE | 82.8 | 64.4M | 73.6M | -.9 | 91 | 5+ | 51 | 9 | 1 | 275 | 3 | 0 | 0 | 0 | 1.92 | -2.82 | .62 | 13 | .0 | 0 | | 6 | 1 | 0 |
| --DIVISIONAL DATA-------> | | | 74.4 | -1.0 | | | | | | | | | | | 1.59 | -2.92 | | | .0 | | | | | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 82.7 | 66.1 | 74.4 | | 92 | 4 | 53 | 9+ | 1 | 299 | 5 | 0 | 0 | 0 | 1.34 | | | | .0 | 0 | | 1 | 0 | 0 |
| BALTIMORE WSO CITY R | 86.3 | 71.2 | 78.8 | .4 | 99 | 4 | 59 | 9 | 0 | 432 | 10 | 0 | 0 | 0 | 1.81 | -2.76 | .58 | 19 | M | M | | 5 | 1 | 0 |
| BENSON POLICE BARRACKS | 85.5 | 63.3 | 74.4 | .6 | 94 | 6+ | 49 | 10 | 2 | 301 | 8 | 0 | 0 | 0 | 2.16 | -2.75 | .95 | 19 | .0 | 0 | | 7 | 1 | 0 |
| BOYDS 2 NW | 82.3 | 64.6 | 73.5 | | 91 | 4 | 51 | 9 | 5 | 275 | 3 | 0 | 0 | 0 | .70 | | .31 | 19 | .0 | 0 | | 3 | 0 | 0 |
| CATOCTIN MOUNTAIN PARK | 77.0 | 62.2 | 69.6 | | 85 | 6+ | 49 | 8 | 17 | 167 | 0 | 0 | 0 | 0 | .92 | | .30 | 30 | .0 | 0 | | 4 | 0 | 0 |
| CLARKSVILLE 3 NNE | 84.2 | 63.2 | 73.7 | | 94 | 5 | 46 | 9 | 9 | 287 | 5 | 0 | 0 | 0 | 2.01 | | .76 | 19 | .0 | 0 | | 5 | 1 | 0 |
| CONOWINGO DAM | 85.0 | 62.0 | 73.5 | -.5 | 96 | 5 | 48 | 9 | 0 | 274 | 6 | 0 | 0 | 0 | 2.14 | -2.40 | 1.16 | 29 | .0 | 0 | | 4 | 1 | 1 |
| DAMASCUS 2 SW | 81.4 | 64.1 | 72.8 | | 91 | 6 | 48 | 9+ | 11 | 259 | 4 | 0 | 0 | 0 | .50 | | .18 | 19 | .0 | 0 | | 2 | 0 | 0 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | TEMPERATURE (°F) | | | | | | | | | | | | | | PRECIPITATION (IN) | | | | SNOW, SLEET | | | NO. OF DAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | NO. OF DAYS MAX | | NO. OF DAYS MIN | | | | | | | | | | | |
| | AVERAGE MAXIMUM | AVERAGE MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | HIGHEST | DATE | LOWEST | DATE | HEATING DEGREE DAYS | COOLING DEGREE 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 |
| EMMITSBURG 2 SE | 81.6 | 63.3 | 72.5 | | 90 | 6 | 47 | 8 | 12 | 252 | 1 | 0 | 0 | 0 | 2.18 | | 1.64 | 19 | .0 | 0 | | 3 | 1 | 1 |
| FREDERICK POLICE BRKS | 85.5 | 66.4 | 76.0 | | 94 | 6+ | 52 | 9 | 0 | 348 | 9 | 0 | 0 | 0 | .56 | | .22 | 19 | .0 | 0 | | 3 | 0 | 0 |
| MILLERS 4 NE | 80.4 | 63.2 | 71.8 | | 89 | 6+ | 47 | 8 | 13 | 231 | 0 | 0 | 0 | 0 | 2.68 | | 1.10 | 19 | .0 | 0 | | 6 | 2 | 1 |
| ROCKVILLE 1 NE | 81.3 | 67.1 | 74.2 | -.2 | 91 | 4 | 54 | 9 | 3 | 295 | 3 | 0 | 0 | 0 | .33 | -4.13 | .13 | 7 | .0 | 0 | | 1 | 0 | 0 |
| TOWSON | 83.5 | 64.7 | 74.1 | | 92 | 6+ | 50 | 8 | 3 | 290 | 5 | 0 | 0 | 0 | 4.23 | -.56 | 1.53 | 19 | .0 | 0 | | 10 | 4 | 1 |
| UNIONVILLE | 82.7 | 62.0 | 72.4 | .2 | 92 | 6 | 43 | 9 | 14 | 250 | 3 | 0 | 0 | 0 | 2.14 | -1.62 | 1.20 | 19 | .0 | 0 | | 6 | 1 | 1 |
| WESTMINSTER POLICE BRK | 83.4 | 60.1 | 71.8 | -1.2 | 93 | 6 | 48 | 9 | 10 | 227 | 5 | 0 | 0 | 0 | 1.84 | -2.16 | .85 | 19 | .0 | 0 | | 4 | 1 | 0 |
| WOODSTOCK | 83.6 | 64.5 | 74.1 | .6 | 93 | 6+ | 48 | 9 | 5 | 295 | 5 | 0 | 0 | 0 | 1.96 | -2.02 | .79 | 19 | .0 | 0 | | 3 | 2 | 0 |
| --DIVISIONAL DATA-------> | | | 73.6 | -.3 | | | | | | | | | | | 1.72 | -2.58 | | | .0 | | | | | |
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 82.7 | 61.7 | 72.2 | -1.0 | 92 | 5 | 47 | 8 | 10 | 242 | 3 | 0 | 0 | 0 | 1.32 | -2.01 | .65 | 12 | .0 | 0 | | 4 | 1 | 0 |
| FROSTBURG 2 | 73.6 | 57.9 | 65.8 | | 84 | 6+ | 44 | 10+ | 55 | 90 | 0 | 0 | 0 | 0 | 1.90 | | .53 | 30 | .0 | 0 | | 4 | 1 | 0 |
| HAGERSTOWN | 83.8 | 62.5 | 73.2 | -.2 | 93 | 5+ | 49 | 8 | 5 | 265 | 6 | 0 | 0 | 0M | .64 | | .31 | 30 | .0 | 0 | | 2 | 0 | 0 |
| HANCOCK | 81.7 | 60.9 | 71.3 | -.4 | 93 | 5 | 47 | 9 | 10 | 213 | 3 | 0 | 0 | 0 | 1.09 | -2.21 | .44 | 30 | .0 | 0 | | 3 | 0 | 0 |
| --DIVISIONAL DATA-------> | | | 70.6 | -1.7 | | | | | | | | | | | 1.44 | -2.07 | | | .0 | | | | | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 75.4 | 56.8 | 66.1 | | 83 | 6+ | 44 | 9 | 45 | 87 | 0 | 0 | 0 | 0 | 3.65 | | .75 | 15 | .0 | 0 | | 9 | 2 | 0 |
| OAKLAND 1 SE | 76.0 | 57.2 | 66.6 | -.1 | 84 | 5+ | 39 | 9 | 39 | 96 | 0 | 0 | 0 | 0 | 3.82 | -.78 | .76 | 30 | .0 | 0 | | 11 | 3 | 0 |
| SAVAGE RIVER DAM | 77.0 | 58.6 | 67.8 | -.8 | 86 | 5 | 43 | 9 | 37 | 131 | 0 | 0 | 0 | 0 | 2.50 | -1.11 | .70 | 30 | .0 | 0 | | 9 | 1 | 0 |
| --DIVISIONAL DATA-------> | | | 66.8 | .0 | | | | | | | | | | | 3.32 | -.86 | | | .0 | | | | | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | 84.4 | 64.6 | 74.5 | .0 | 92 | 6+ | 51 | 8 | 2 | 305 | 4 | 0 | 0 | 0 | 2.31 | -2.19 | 1.26 | 19 | .0 | 0 | | 4 | 1 | 1 |
| WILMINGTON WSO ARPT R | 82.3 | 66.4 | 74.4 | -.4 | 92 | 5 | 53 | 8 | 2 | 299 | 3 | 0 | 0 | 0 | 1.97 | -2.06 | .89 | 19 | .0 | 0 | | 5 | 1 | 0 |
| WILMINGTON PORTER RSVR | 81.3 | 66.0 | 73.7 | .0 | 93 | 6+ | 54 | 8 | 1 | 277 | 3 | 0 | 0 | 0 | 3.20 | -1.22 | .98 | 19 | .0 | 0 | | 7 | 2 | 0 |
| --DIVISIONAL DATA-------> | | | 74.2 | -.3 | | | | | | | | | | | 2.49 | -1.68 | | | .0 | | | | | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | |
| DOVER | 84.2 | 67.5 | 75.9 | .1 | 97 | 5+ | 55 | 9 | 0 | 345 | 6 | 0 | 0 | 0 | 6.11 | .99 | 2.10 | 12 | .0 | 0 | | 11 | 4 | 2 |
| GEORGETOWN 5 SW | 82.0 | 65.9 | 74.0 | -.9 | 93 | 6 | 55 | 26+ | 1 | 289 | 3 | 0 | 0 | 0 | 10.77 | 5.34 | 3.35 | 13 | .0 | 0 | | 8 | 5 | 5 |
| GREENWOOD 2 NE | 81.3 | 66.4 | 73.9 | | 89 | 5+ | 54 | 9 | 0 | 282 | 0 | 0 | 0 | 0 | 4.70 | | 1.66 | 12 | .0 | 0 | | 7 | 2 | 1 |
| LEWES | 82.8 | 69.5 | 76.2 | 1.9 | 93 | 4 | 59 | 26 | 0 | 350 | 4 | 0 | 0 | 0 | 8.45 | 3.09 | 3.52 | 7 | .0 | 0 | | 8 | 6 | 2 |
| MILFORD 4 SE | 81.9 | 67.0 | 74.5 | -.7 | 92 | 4 | 55 | 9 | 0 | 299 | 2 | 0 | 0 | 0 | 4.95 | .17 | 2.67 | 12 | .0 | 0 | | 7 | 2 | 1 |
| --DIVISIONAL DATA-------> | | | 74.9 | -.2 | | | | | | | | | | | 7.00 | 1.76 | | | .0 | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | TOTAL | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | DAY OF MONTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE IS NATL SEA | 8.88 | .01 | | | | | .05 | .05 | .17 | .44 | | .90 | 1.61 | 4.00 | .10 | .01 | .07 | .07 | .36 | 1.00 | | .03 | .01 | | | | | | | | | |
| CRISFIELD SOMERS COVE | 7.98 | | | | | | | .44 | .01 | | 1.13 | .80 | 1.27 | .02 | .04 | .01 | | | 3.75 | .51 | | | | | | | | | | | | |
| PRINCESS ANNE | 6.45 | | | | | | | .12 | | | .52 | .10 | .87 | 1.92 | .07 | | | .12 | 1.38 | 1.35 | | | | | | | | | | | | |
| SALISBURY | 7.09 | T | | | | | | .45 | | | .25 | .08 | 1.90 | .05 | 1.25 | .30 | T | 1.00 | 1.05 | .66 | .02 | .08 | | | | | | | | | | |
| SALISBURY FAA ARPT | 8.17 | | | | | | 1.25 | .51 | | | .34 | 1.50 | 1.35 | | .02 | .01 | | .84 | 2.16 | .08 | | .11 | | | | | | | | | | |
| SNOW HILL 4 N | 16.66 | | | | | | .44 | 2.13 | .02 | | .21 | .13 | 3.90 | .09 | .24 | T | | 2.70 | 1.45 | 5.35 | | T | T | | | | | | | | T | |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WATER TRMT P | 2.80 | | | | | | | .10 | | | .03 | .20 | .54 | .08 | .55 | .03 | | | 1.10 | .15 | | .02 | | T | | | | | | | | |
| DENTON 2 E | M | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ROYAL OAK 2 SSW | 2.96 | | | | | | | 1.40 | | | .02 | .10 | .55 | .23 | | .02 | | | .50 | .02 | | .10 | | | | | | | | | .02 | |
| VIENNA | M | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | .59 | .03 | .23 | | | | | | | | | .10 | .02 | | | .01 | | .02 | .13 | | | .05 | | T | | | T | | | | | |
| MECHANICSVILLE 5 NE | 1.38 | .04 | T | | | | | T | | | .02 | .23 | .76 | .01 | .04 | .01 | | .03 | .21 | T | | .02 | T | .01 | | | T | | | | | |
| OWINGS FERRY LANDING | .89 | .05 | | | | | | | | | | .26 | .09 | .18 | | .02 | | | .12 | .13 | | .04 | | T | | | | | | | | |
| PATUXENT RIVER | 3.14 | | | | | T | | .25 | | | .40 | .42 | .43 | .02 | T | .28 | .05 | .19 | 1.00 | .01 | | .04 | T | .05 | T | | | | | T | | |
| TALL TIMBERS | M | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS | 2.03 | .05 | | | | | | | | | | .46 | .26 | .47 | | | | | .08 | .63 | | .08 | | | | | | | | | | |
| BALTIMORE WSO ARPT R | 3.38 | T | | | | T | T | T | | | T | .13 | .13 | .01 | .01 | T | | | .16 | .24 | | .09 | T | T | | | | | 2.60 | T | .01 | |
| BELTSVILLE | .83 | .02 | | .04 | | | | | | | | .02 | .02 | .02 | | .57 | .01 | | | .05 | | T | .06 | T | .02 | | | | | | | |
| COLLEGE PARK | 1.06 | .01 | | .18 | | | | | | | | .01 | .02 | | | .70 | T | | .01 | .12 | | | | .01 | | | | | | | | |
| DALECARLIA RESVR DC | .24 | | | | | | | | | | | | .05 | | | | .01 | | | .01 | | .17 | | | | | | | | | | |
| GLENN DALE BELL STN | .70 | | | T | | | | .02 | | | | .05 | .30 | .05 | | | | | .04 | .09 | | .13 | | T | | | .02 | | | | T | |
| LAUREL 3 W | .06 | | .01 | | | | | | | | .01 | .01 | | | | .01 | | | | | | .01 | .01 | | | | | | | | | |
| NATIONAL ARBORETUM DC | .32 | .01 | | | | | | | .01 | | | .02 | .02 | | | | | | | .02 | | | .23 | | | | | | | | .01 | |
| UPPER MARLBORO 3 NNW | .70 | .03 | | | | | | | | | | .07 | .06 | .22 | | | | | .03 | .14 | | T | .15 | | | | | | | | | |
| NORTHERN EASTERN SHORE 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHESTERTOWN | 1.26 | | | | | | T | | | | T | .36 | .26 | .04 | T | T | | | .17 | .42 | | T | .01 | | | | | | | | T | |
| MILLINGTON 1 SE | 1.92 | T | | | | | | | | | T | .34 | .40 | .62 | | .12 | | | .14 | .27 | T | T | | T | | | | | | | .03 | |
| NORTHERN CENTRAL 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 1.34 | T | | | | | | T | | | | | * | * | .32 | | | | .04 | * | * | .52 | | | | | | | | T | .46 | |
| BALTIMORE WSO CITY R | 1.81 | | | | | | | .01 | | | | .11 | .08 | .01 | .07 | .28 | | | .04 | .58 | | .07 | .03 | .11 | | | | | .42 | | | |
| BENSON POLICE BARRACKS | 2.16 | .03 | T | | | | | .03 | | | | .15 | .14 | .15 | | | | | .04 | .95 | .02 | .16 | | | | | | | .10 | T | .39 | |
| BOYDS 2 NW | .70 | | | | | | | .12 | | | | | | | .22 | | | | | .31 | | .05 | | | | | | | | | | |
| BRIGHTON DAM | .90 | | | | | | | .10 | | | T | .10 | .20 | | .30 | .10 | | | T | | | .10 | | | | | | | | | | |
| CATOCTIN MOUNTAIN PARK | .92 | .10 | | | | T | | | | | | .07 | .03 | | | .01 | T | | | .18 | | .15 | T | .08 | | | | | | | .30 | |
| CLARKSVILLE 3 NNE | 2.01 | | | | | | | .10 | | | | T | .03 | T | | .04 | .49 | | .01 | .76 | | .11 | | T | | | | | .47 | | | |
| CONOWINGO DAM | 2.14 | .01 | T | | | | | .02 | | | | .18 | .11 | .01 | | .03 | | | .07 | .49 | | .05 | | | | | | | | 1.16 | .01 | |
| DAMASCUS 2 SW | .50 | T | T | | | | T | .05 | | | | .10 | .07 | | .03 | | | | T | .18 | | .05 | T | T | | | | | | | .02 | |
| EMMITSBURG 2 SE | 2.18 | | | | | | | .05 | | .06 | | .16 | .05 | | | | | | | 1.64 | | .05 | | | | | | | | | .17 | |
| FREDERICK POLICE BRKS | .56 | | | | | | | .02 | | | | .13 | T | | | | .04 | | | .22 | | .10 | | | | | | | | | .05 | |
| FREDERICK 3 E | 1.12 | T | | | | | | | .09 | | | .20 | .02 | | | T | T | | | .63 | | T | .12 | | | | | T | | | .06 | |
| MILLERS 4 NE | 2.68 | .02 | T | | | | | .12 | | | | .08 | .13 | | .08 | .33 | .27 | | .01 | 1.10 | | .03 | | .01 | | | | | | | .50 | |
| POTOMAC FILTER PLANT | M .47 | | | | | | .04 | .22 | | | | .02 | | | .02 | | | - | | | | .17 | | | | | | | | | - | |
| ROCKVILLE 1 NE | .33 | .01 | | | | | .02 | .13 | | | T | .02 | .02 | | T | T | T | | | .08 | | .03 | T | .02 | T | | | T | T | | T | |
| TOWSON | 4.23 | | | | | | | .04 | | | | .10 | .14 | .03 | | .16 | | .12 | .80 | 1.53 | | .53 | | .10 | | | .56 | | | | .12 | |
| UNIONVILLE | 2.14 | T | | | | | | .15 | | | | .08 | .05 | | .16 | | | | | 1.20 | | .17 | | .23 | | | | | | | .10 | |
| WESTMINSTER POLICE BRK | 1.84 | .07 | | | | | | .25 | | | | .04 | .06 | | .03 | .28 | | | .03 | .85 | .03 | .15 | | | | | | | | | .05 | |
| WOODSTOCK | 1.96 | .03 | | | | | | .06 | | | | .02 | .09 | T | .08 | | T | | .06 | .79 | | .59 | | .15 | T | | | | | | .09 | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY PRECIPITATION (INCHES)

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | TOTAL | DAY OF MONTH 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APPALACHIAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 1.32 | .02 | | | | T | | | | | | .10 | .65 | | | | .02 | | | .05 | .02 | | .10 | .03 | .08 | | | | | | .25 | |
| EDGEMONT | 1.06 | | | | | | | .04 | .07 | | | T | T | .02 | | | .05 | .03 | | .24 | .05 | | .07 | .18 | T | | | | | | .31 | |
| FROSTBURG 2 | 1.90 | .07 | .02 | | | .08 | | | T | | | .06 | .36 | T | | .06 | .06 | | T | T | .04 | | .32 | .06 | .24 | T | | | T | | .53 | |
| HAGERSTOWN | M .64 | | | | | | | .07 | | - | - | - | - | - | - | | .04 | | | .11 | | .05 | .05 | | | | | | | .01 | .31 | |
| HANCOCK | 1.09 | .02 | | | | | | | | | | .03 | | | | | .03 | | .33 | .01 | .03 | | .18 | .02 | | | | | | | .44 | |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 3.65 | T | | | | .07 | .05 | | | | | .04 | .32 | | | .75 | .42 | .08 | | .16 | .13 | .04 | .18 | .30 | .42 | T | | | | | .69 | |
| MERRILL | 2.11 | | | | | | | | | | | .10 | .30 | | | .04 | .05 | .03 | | .04 | .05 | .02 | | .65 | .18 | | | | | | .65 | |
| OAKLAND 1 SE | 3.82 | | | | | .24 | .21 | T | | | | .32 | .17 | | T | .17 | .17 | .03 | .22 | .03 | .16 | .55 | .05 | .57 | .08 | | | | | .09 | .76 | |
| SAVAGE RIVER DAM | 2.50 | .02 | | | | .03 | T | | | | | .10 | .47 | | .01 | .08 | .12 | | T | .10 | .05 | .15 | .23 | .30 | .13 | .01 | | | | | .70 | |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | 2.31 | T | | | | | | | | | | .14 | .40 | .35 | | | | | .05 | 1.26 | | .05 | | | | | | | | | .06 | |
| WILMINGTON WSO ARPT R | 1.97 | | | | | | | T | | | T | .35 | .33 | .18 | T | T | | | .20 | .89 | | T | T | | | | | | | T | .02 | |
| WILMINGTON PORTER RSVR | 3.20 | | | | | | | .12 | | | | .30 | .93 | .41 | | T | | | .17 | .98 | T | .16 | .09 | | | | | | | T | .04 | |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOVER | 6.11 | .12 | | | | | | .16 | | | .03 | .30 | 2.10 | .23 | | .85 | .80 | | .15 | 1.10 | | .15 | | | | | | | | | .12 | |
| GEORGETOWN 5 SW | 10.77 | | | | | | | 1.41 | .11 | | | .32 | 1.40 | 3.35 | | .07 | 2.70 | | .26 | 1.15 | | | | | | | | | | | | |
| GREENWOOD 2 NE | 4.70 | | | | | | .06 | .05 | | | .08 | .42 | 1.66 | .48 | .43 | .45 | | T | .42 | .60 | | .05 | | | | | | | | | | |
| LEWES | 8.45 | | | | | | .24 | 3.52 | T | | .04 | 1.01 | .88 | .87 | .73 | .05 | .02 | | .23 | .85 | | .01 | | | | | | | | | | |
| MILFORD 4 SE | 4.95 | | | | | | .85 | | | | .02 | .32 | 2.67 | | | .16 | .23 | | .21 | .44 | | .05 | | | | | | | | | | |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | OB. TIME | MAX/MIN | DAY OF MONTH 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN EASTERN SHORE 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ASSATEAGUE IS NATL SEA | 07 | MAX | 79 | 80 | 79 | 90 | 93 | 95 | 90 | 86 | 79 | 78 | 75 | 75 | 72 | 76 | 75 | 82 | 85 | 82 | 85 | 85 | 86 | 85 | 87 | 92 | 85 | 80 | 81 | 85 | 85 | 85 | 91 | 83.3 |
| | | MIN | 66 | 65 | 67 | 71 | 74 | 75 | 62 | 59 | 60 | 60 | 64 | 68 | 62 | 60 | 60 | 64 | 70 | 69 | 66 | 70 | 70 | 71 | 73 | 71 | 62 | 60 | 68 | 70 | 71 | 74 | 64 | 66.6 |
| CRISFIELD SOMERS COVE | 17 | MAX | 82 | 83 | 86 | 88 | 89 | 90 | 88 | 76 | 77 | 77 | 73 | 74 | 81 | 83 | 83 | 84 | 88 | 76 | 78 | 82 | 83 | 85 | 85 | 88 | 88 | 83 | 81 | 83 | 85 | 87 | 86 | 83.0 |
| | | MIN | 68 | 66 | 72 | 77 | 82 | 79 | 74 | 63 | 62 | 62 | 65 | 68 | 68 | 68 | 72 | 72 | 76 | 70 | 71 | 74 | 74 | 75 | 78 | 73 | 65 | 65 | 72 | 72 | 73 | 76 | 68 | 71.0 |
| PRINCESS ANNE | 17 | MAX | 81 | 83 | 88 | 91 | 91 | 91 | 90 | 79 | 78 | 74 | 73 | 74 | 84 | 84 | 84 | 85 | 89 | 76 | 81 | 84 | 85 | 88 | 90 | 87 | 82 | 80 | 85 | 86 | 86 | 89 | 88 | 84.1 |
| | | MIN | 64 | 61 | 64 | 68 | 78 | 71 | 72 | 58 | 53 | 62 | 64 | 68 | 70 | 69 | 71 | 69 | 67 | 69 | 69 | 70 | 76 | 72 | 72 | 71 | 58 | 56 | 63 | 67 | 69 | 75 | 59 | 66.9 |
| SALISBURY | 17 | MAX | 80 | 83 | 87 | 91 | 91 | 89 | 88 | 78 | 78 | 72 | 73 | 72 | 84 | 83 | 83 | 89 | 88 | 74 | 80 | 84 | 85 | 87 | 90 | 89 | 81 | 78 | 84 | 85 | 86 | 89 | 88 | 83.5 |
| | | MIN | 58 | 58 | 61 | 62 | 73 | 69 | 68 | 53 | 53 | 54 | 63 | 66 | 70 | 70 | 70 | 68 | 66 | 68 | 67 | 69 | 73 | 71 | 72 | 70 | 61 | 58 | 64 | 68 | 69 | 75 | 61 | 65.4 |
| SALISBURY FAA ARPT | MID | MAX | 79 | 80 | 87 | 91 | 91 | 91 | 81 | 74 | 78 | 70 | 73 | 74 | 84 | 82 | 82 | 87 | 88 | 73 | 80 | 83 | 85 | 86 | 89 | 83 | 80 | 79 | 84 | 85 | 86 | 88 | 82 | 82.4 |
| | | MIN | 65 | 63 | 66 | 69 | 76 | 73 | 69 | 59 | 58 | 64 | 70 | 68 | 72 | 71 | 71 | 69 | 69 | 71 | 70 | 71 | 74 | 72 | 73 | 63 | 60 | 57 | 65 | 69 | 71 | 67 | 61 | 67.6 |
| SNOW HILL 4 N | 18 | MAX | 80 | 82 | 88 | 92 | 92 | 91 | 86 | 77 | 79 | 73 | 75 | 75 | 87 | 85 | 85 | 88 | 89 | 73 | 82 | 86 | 86 | 89 | 91 | 90 | 81 | 81 | 86 | 87 | 90 | 91 | 89 | 84.7 |
| | | MIN | 63 | 60 | 64 | 68 | 76 | 70 | 71 | 57 | 54 | 61 | 66 | 69 | 70 | 70 | 71 | 68 | 66 | 68 | 70 | 70 | 74 | 70 | 73 | 70 | 59 | 56 | 63 | 66 | 70 | 74 | 60 | 66.7 |
| CENTRAL EASTERN SHORE 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAMBRIDGE WATER TRMT P | 16 | MAX | 81 | 83 | 90 | 94 | 94 | 93 | 92 | 79 | 78 | 78 | 70 | 71 | 81 | 83 | 82 | 86 | 88 | 78 | 80 | 87 | 87 | 88 | 91 | 90 | 82 | 81 | 84 | 87 | 87 | 91 | 90 | 84.7 |
| | | MIN | 67 | 64 | 65 | 70 | 80 | 76 | 74 | 61 | 61 | 62 | 65 | 65 | 69 | 68 | 70 | 69 | 70 | 68 | 69 | 68 | 76 | 73 | 75 | 71 | 63 | 61 | 65 | 69 | 72 | 73 | 70 | 68.7 |
| DENTON 2 E | 17 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| | | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| ROYAL OAK 2 SSW | 18 | MAX | 81 | 84 | 89 | 91 | 92 | 91 | 89 | 75 | 78 | 72 | 69 | 71 | 83 | 83 | 80 | 87 | 86 | 75 | 76 | 84 | 82 | 85 | 90 | 85 | 81 | 79 | 83 | 85 | 86 | 89 | 84 | 82.7 |
| | | MIN | 66 | 63 | 73 | 72 | 79 | 76 | 71 | 56 | 54 | 60 | 64 | 64 | 69 | 68 | 70 | 70 | 71 | 67 | 68 | 70 | 76 | 71 | 76 | 70 | 62 | 64 | 65 | 72 | 73 | 75 | 67 | 68.5 |
| VIENNA | 18 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| | | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| LOWER SOUTHERN 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA PLATA 1 W | 18 | MAX | 77 | 78 | 85 | 89 | 88 | 88 | 81 | 73 | 73 | 71 | 69 | 74 | 78 | 80 | 78 | 84 | 83 | 72 | 76 | 84 | 80 | 84 | 87 | 84 | 78 | 76 | 81 | 85 | 85 | 87 | 81 | 80.3 |
| | | MIN | 67 | 61 | 67 | 68 | 73 | 73 | 71 | 52 | 50 | 59 | 63 | 63 | 66 | 66 | 68 | 69 | 70 | 66 | 67 | 67 | 74 | 68 | 73 | 70 | 60 | 66 | 62 | 68 | 71 | 73 | 55 | 66.0 |
| MECHANICSVILLE 5 NE | 19 | MAX | 79 | 80 | 87 | 91 | 90 | 90 | 83 | 74 | 75 | 71 | 66 | 72 | 80 | 81 | 79 | 86 | 84 | 76 | 77 | 85 | 81 | 86 | 88 | 81 | 79 | 78 | 81 | 85 | 85 | 88 | 82 | 81.3 |
| | | MIN | 68 | 64 | 66 | 69 | 75 | 72 | 71 | 52 | 50 | 58 | 63 | 64 | 68 | 65 | 68 | 68 | 68 | 67 | 67 | 66 | 73 | 70 | 72 | 71 | 61 | 62 | 61 | 67 | 67 | 73 | 58 | 65.9 |
| OWINGS FERRY LANDING | 17 | MAX | 81 | 80 | 89 | 91 | 92 | 91 | 90 | 75 | 76 | 75 | 69 | 72 | 82 | 81 | 80 | 87 | 84 | 80 | 77 | 85 | 82 | 86 | 90 | 89 | 79 | 79 | 81 | 86 | 87 | 90 | 87 | 83.0 |
| | | MIN | 67 | 62 | 67 | 68 | 76 | 73 | 71 | 52 | 51 | 58 | 62 | 63 | 67 | 65 | 67 | 67 | 69 | 66 | 65 | 67 | 73 | 68 | 72 | 69 | 61 | 64 | 61 | 68 | 70 | 73 | 58 | 65.8 |
| PATUXENT RIVER | MID | MAX | 82 | 82 | 89 | 94 | 93 | 93 | 85 | 76 | 80 | 70 | 69 | 71 | 88 | 84 | 82 | 85 | 85 | 73 | 80 | 87 | 85 | 87 | 90 | 80 | 81 | 81 | 84 | 87 | 88 | 91 | 83 | 83.4 |
| | | MIN | 69 | 67 | 70 | 72 | 79 | 74 | 69 | 60 | 60 | 62 | 66 | 66 | 69 | 69 | 69 | 71 | 69 | 69 | 69 | 70 | 75 | 72 | 75 | 70 | 66 | 68 | 65 | 69 | 73 | 72 | 66 | 69.0 |
| TALL TIMBERS | 17 | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| | | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | M |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANNAPOLIS POLICE BRKS. | 17 | MAX | 82 | 84 | 91 | 96 | 96 | 95 | 92 | 79 | 79 | 79 | 75 | 73 | 82 | 84 | 83 | 88 | 87 | 82 | 77 | 90 | 89 | 87 | 94 | 89 | 81 | 82 | 82 | 86 | 89 | 91 | 90 | 85.6 |
| | | MIN | 63 | 61 | 64 | 70 | 74 | 71 | 69 | 51 | 50 | 57 | 59 | 60 | 64 | 64 | 64 | 66 | 67 | 62 | 61 | 63 | 63 | 63 | 70 | 66 | 61 | 61 | 60 | 64 | 67 | 69 | 57 | 63.3 |
| BALTIMORE WSO ARPT | MID | MAX | 80 | 81 | 88 | 92 | 91 | 91 | 81 | 76 | 77 | 75 | 68 | 74 | 84 | 82 | 81 | 88 | 85 | 75 | 75 | 86 | 84 | 87 | 91 | 81 | 79 | 82 | 83 | 88 | 87 | 87 | 84 | 82.7 |
| | | MIN | 66 | 65 | 68 | 70 | 76 | 75 | 64 | 54 | 53 | 59 | 63 | 64 | 69 | 68 | 68 | 69 | 71 | 66 | 65 | 65 | 72 | 68 | 71 | 66 | 62 | 63 | 63 | 69 | 70 | 67 | 60 | 66.1 |
| BELTSVILLE | 08 | MAX | 70 | 82 | 83 | 89 | 94 | 92 | 93 | 83 | 75 | 77 | 75 | 68 | 78 | 86 | 83 | 82 | 87 | 84 | 73 | 78 | 88 | 83 | 88 | 90 | 81 | 82 | 80 | 85 | 88 | 89 | 88 | 83.0 |
| | | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | *** | *** | | | | | |
| | | MIN | 65 | 63 | 67 | 68 | 75 | 72 | 70 | 51 | 50 | 56 | 60 | 63 | 64 | 65 | 65 | 67 | 69 | 67 | 65 | 64 | 72 | 67 | 71 | 70 | 59 | 63 | 59 | 64 | 69 | 72 | 57 | 64.8 |
| | | OBS | | | | | | | | | | | | | | | | | | | | | | | | | | *** | *** | | | | | |
| COLLEGE PARK | 09 | MAX | 77 | 83 | 88 | 90 | 95 | 93 | 94 | 83 | 77 | 83 | 77 | 72 | 81 | 86 | 85 | 85 | 89 | 90 | 74 | 77 | 88 | 88 | 91 | 81 | 81 | 87 | 80 | 83 | 83 | 89 | 90 | 84.5 |
| | | OBS | | | | | | | | | | | | 86 | | | | | | | | | | | | | | | | | | | | |
| | | MIN | 68 | 65 | 69 | 71 | 79 | 76 | 73 | 53 | 52 | 58 | 65 | 65 | 64 | 70 | 67 | 69 | 71 | 68 | 65 | 64 | 63 | 70 | 74 | 62 | 65 | 62 | 64 | 61 | 72 | 72 | 62 | 66.4 |
| DALECARLIA RESVR DC | 17 | MAX | 82 | 85 | 90 | 94 | 92 | 92 | 91 | 75 | 78 | 75 | 75 | 76 | 86 | 85 | 83 | 88 | 87 | 85 | 76 | 89 | 88 | 89 | 92 | 90 | 83 | 83 | 84 | 88 | 89 | 89 | 90 | 85.5 |
| | | MIN | 60 | 59 | 60 | 64 | 72 | 69 | 65 | 47 | 46 | 52 | 59 | 59 | 64 | 62 | 61 | 63 | 65 | 63 | 60 | 61 | 64 | 62 | 75 | 62 | 56 | 59 | 57 | 63 | 67 | 66 | 52 | 61.1 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | OB. TIME | MAX/MIN | 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 | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GLENN DALE BELL STN | 16 | MAX | 78 | 82 | 86 | 92 | 92 | | | 78 | 76 | 78 | 74 | | | 86 | 80 | 89 | 89 | 84 | 71 | 86 | 88 | 88 | 91 | 91 | 82 | 82 | 80 | 87 | 87 | 90 | 89 | 84.3 |
| | | MIN | 68 | 62 | 68 | 68 | 69 | 71 | | 50 | 48 | 56 | 58 | | | 64 | 66 | 66 | 67 | 66 | 63 | 63 | 70 | 65 | 70 | 68 | 58 | 60 | 57 | 66 | 68 | 72 | 54 | 63.6 |
| LAUREL 3 W | MID | MAX | | | | | | | | | | | | | | | | | | | | | 85 | 91 | 94 | 82 | 84 | 82 | 85 | 90 | 89 | 86 | 87 | M |
| | | MIN | 65 | 59 | 64 | 67 | 67 | 72 | 61 | 56 | 48 | 57 | 57 | 57 | 63 | 64 | 67 | 64 | 67 | 61 | 57 | 70 | 64 | 63 | 74 | 67 | 62 | 60 | 64 | 71 | 71 | 75 | 71 | 64.0 |
| NATIONAL ARBORETUM DC | 08 | MAX | 71 | 81 | 84 | 91 | 95 | 94 | 95 | 83 | 77 | 78 | 76 | 69 | 81 | 88 | 85 | 84 | 91 | 87 | 74 | 81 | 92 | 84 | 90 | 94 | 83 | 84 | 81 | 85 | 90 | 92 | 92 | 84.9 |
| | | OBS | | | | | | | | | *** | | | | | | | | | | | | | | | | | | | | | | | |
| | | MIN | 62 | 59 | 62 | 65 | 69 | 68 | 68 | 47 | 47 | 45 | 56 | 60 | 61 | 62 | 62 | 64 | 65 | 63 | 59 | 56 | 63 | 63 | 69 | 68 | 57 | 57 | 57 | 61 | 64 | 67 | 59 | 60.8 |
| | | OBS | | | | | | | | | *** | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER MARLBORO 3 NNW | 08 | MAX | 72 | 81 | 82 | 90 | 94 | 94 | 94 | 82 | 76 | 76 | 75 | 66 | 76 | 83 | 83 | 82 | 90 | 85 | 72 | 78 | 88 | 83 | 89 | 92 | 81 | 81 | 81 | 82 | 89 | 89 | 90 | 83.1 |
| | | MIN | 64 | 59 | 64 | 65 | 75 | 70 | 68 | 49 | 47 | 55 | 60 | 60 | 61 | 62 | 64 | 66 | 67 | 66 | 61 | 62 | 68 | 65 | 70 | 68 | 58 | 61 | 57 | 62 | 66 | 70 | 54 | 62.7 |
| NORTHERN EASTERN SHORE | 05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHESTERTOWN | 23 | MAX | 82 | 84 | 89 | 94 | 93 | 93 | 82 | 76 | 81 | 77 | 67 | 72 | 86 | 83 | 83 | 89 | 85 | 72 | 75 | 87 | 84 | 89 | 91 | 83 | 81 | 84 | 85 | 87 | 87 | 89 | 83 | 83.6 |
| | | MIN | 65 | 64 | 70 | 71 | 78 | 76 | 69 | 56 | 53 | 58 | 62 | 64 | 69 | 67 | 70 | 69 | 70 | 66 | 66 | 66 | 73 | 68 | 72 | 66 | 60 | 60 | 68 | 70 | 69 | 73 | 62 | 66.8 |
| MILLINGTON 1 SE | 18 | MAX | 80 | 81 | 88 | 91 | 91 | 90 | 80 | 77 | 77 | 77 | 70 | 71 | 83 | 80 | 81 | 89 | 87 | 82 | 74 | 84 | 82 | 86 | 89 | 89 | 80 | 80 | 82 | 85 | 85 | 88 | 87 | 82.8 |
| | | MIN | 65 | 62 | 62 | 67 | 77 | 72 | 70 | 53 | 51 | 56 | 63 | 64 | 70 | 65 | 64 | 67 | 67 | 66 | 67 | 66 | | 67 | 72 | 67 | 57 | 56 | 56 | 67 | 67 | 73 | 57 | 64.4 |
| NORTHERN CENTRAL | 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ABERDEEN PHILLIPS FLD | 16 | MAX | 78 | 79 | 88 | 92 | 90 | 90 | 78 | 75 | 76 | 76 | 76 | 74 | 85 | 81 | 81 | 85 | 85 | 84 | 74 | 85 | 85 | 86 | 90 | 90 | 80 | 81 | 82 | 80 | 83 | 87 | 87 | 82.7 |
| | | OBS | | | | *** | *** | | | | | | *** | *** | | | | | | | *** | | | | | | | *** | *** | | | | | |
| | | MIN | 66 | 66 | 68 | 69 | 76 | 73 | 72 | 53 | 53 | 60 | 62 | 67 | 69 | 67 | 69 | 69 | 69 | 68 | 65 | 64 | 69 | 67 | 71 | 67 | 60 | 58 | 63 | 68 | 69 | 71 | 62 | 66.1 |
| | | OBS | | | | *** | *** | | | | | | *** | *** | | | | | | | *** | | | | | | | *** | *** | | | | | |
| BALTIMORE WSO CITY | MID | MAX | 85 | 83 | 95 | 99 | 98 | 98 | 84 | 79 | 80 | 78 | 68 | 77 | 86 | 84 | 84 | 94 | 87 | 76 | 76 | 92 | 88 | 93 | 97 | 84 | 83 | 82 | 85 | 89 | 90 | 93 | 89 | 86.3 |
| | | MIN | 69 | 72 | 72 | 79 | 82 | 83 | 66 | 60 | 59 | 65 | 64 | 65 | 72 | 74 | 73 | 74 | 76 | 68 | 66 | 70 | 76 | 74 | 77 | 72 | 67 | 69 | 69 | 74 | 74 | 76 | 69 | 71.2 |
| BENSON POLICE BARRACKS | 17 | MAX | 80 | 80 | 90 | 94 | 94 | 94 | 92 | 76 | 80 | 80 | 77 | 73 | 85 | 84 | 83 | 90 | 89 | 86 | 73 | 87 | 87 | 89 | 92 | 92 | 85 | 84 | 84 | 86 | 86 | 89 | 89 | 85.5 |
| | | MIN | 63 | 63 | 65 | 69 | 74 | 70 | 69 | 50 | 51 | 49 | 59 | 60 | 66 | 63 | 65 | 68 | 67 | 62 | 62 | 63 | 68 | 65 | 70 | 65 | 57 | 56 | 60 | 67 | 65 | 70 | 61 | 63.3 |
| BOYDS 2 NW | 18 | MAX | 83 | 80 | 87 | 91 | 90 | 90 | 88 | 73 | 75 | 74 | 72 | 74 | 83 | 83 | 81 | 85 | 82 | 77 | 74 | 86 | 85 | 87 | 89 | 80 | 80 | 79 | 81 | 86 | 86 | 86 | 85 | 82.3 |
| | | MIN | 64 | 66 | 65 | 72 | 73 | 72 | 67 | 52 | 51 | 54 | 60 | 61 | 66 | 67 | 64 | 67 | 67 | 64 | 61 | 65 | 70 | 66 | 72 | 68 | 58 | 61 | 62 | 68 | 70 | 70 | 59 | 64.6 |
| CATOCTIN MOUNTAIN PARK | 17 | MAX | 74 | 75 | 82 | 84 | 85 | 85 | 84 | 75 | 69 | 69 | 66 | 69 | 78 | 78 | 75 | 79 | 75 | 73 | 67 | 78 | 77 | 80 | 83 | 80 | 78 | 79 | 74 | 80 | 80 | 78 | 79 | 77.0 |
| | | MIN | 59 | 58 | 66 | 71 | 70 | 72 | 66 | 49 | 50 | 54 | 57 | 59 | 63 | 64 | 65 | 65 | 64 | 60 | 59 | 63 | 67 | 64 | 69 | 65 | 55 | 59 | 62 | 66 | 64 | 66 | 57 | 62.2 |
| CLARKSVILLE 3 NNE | 17 | MAX | 81 | 84 | 88 | 90 | 94 | 93 | 87 | 74 | 75 | 76 | 74 | 79 | 86 | 84 | 80 | 87 | 87 | 82 | 73 | 88 | 87 | 89 | 90 | 90 | 80 | 83 | 83 | 87 | 87 | 87 | 85 | 84.2 |
| | | MIN | 65 | 63 | 65 | 68 | 75 | 70 | 68 | 48 | 46 | 52 | 63 | 62 | 68 | 65 | 64 | 66 | 67 | 64 | 62 | 61 | 69 | 62 | 69 | 66 | 56 | 58 | 60 | 67 | 67 | 71 | 53 | 63.2 |
| CONOWINGO DAM | MID | MAX | 86 | 83 | 93 | 95 | 96 | 94 | 82 | 79 | 83 | 84 | 70 | 73 | 87 | 83 | 83 | 89 | 89 | 75 | 73 | 87 | 87 | 90 | 92 | 87 | 83 | 82 | 83 | 84 | 86 | 88 | 88 | 85.0 |
| | | MIN | 62 | 64 | 64 | 68 | 73 | 72 | 64 | 50 | 48 | 53 | 59 | 60 | 63 | 64 | 63 | 66 | 64 | 61 | 61 | 63 | 66 | 63 | 67 | 62 | 57 | 55 | 57 | 63 | 65 | 65 | 61 | 62.0 |
| DAMASCUS 2 SW | 19 | MAX | 79 | 81 | 87 | 90 | 90 | 91 | 76 | 73 | 76 | 73 | 65 | 74 | 82 | 84 | 81 | 86 | 81 | 72 | 72 | 85 | 83 | 86 | 90 | 78 | 82 | 80 | 82 | 86 | 86 | 87 | 85 | 81.4 |
| | | MIN | 64 | 63 | 65 | 71 | 73 | 73 | 66 | 48 | 48 | 55 | 59 | 61 | 66 | 67 | 65 | 69 | 67 | 64 | 61 | 65 | 70 | 65 | 71 | 67 | 56 | 61 | 63 | 69 | 70 | 69 | 56 | 64.1 |
| EMMITSBURG 2 SE | 17 | MAX | 76 | 82 | 87 | 89 | 89 | 90 | 88 | 71 | 75 | 74 | 71 | 75 | 81 | 83 | 81 | 85 | 82 | 80 | 73 | 84 | 82 | 86 | 88 | 85 | 77 | 80 | 79 | 86 | 85 | 84 | 83 | 81.6 |
| | | MIN | 61 | 61 | 67 | 71 | 74 | 73 | 67 | 47 | 49 | 50 | 60 | 62 | 65 | 64 | 64 | 68 | 64 | 64 | 61 | 64 | 69 | 63 | 73 | 67 | 56 | 58 | 62 | 65 | 67 | 71 | 55 | 63.3 |
| FREDERICK POLICE BRKS | 17 | MAX | 76 | 85 | 90 | 93 | 94 | 94 | 93 | 75 | 78 | 77 | 76 | 75 | 84 | 86 | 83 | 89 | 88 | 84 | 75 | 87 | 85 | 90 | 93 | 93 | 81 | 89 | 82 | 88 | 90 | 89 | 89 | 85.5 |
| | | MIN | 64 | 67 | 70 | 73 | 75 | 76 | 70 | 54 | 52 | 54 | 60 | 63 | 68 | 69 | 66 | 68 | 67 | 66 | 62 | 66 | 70 | 69 | 73 | 69 | 61 | 63 | 65 | 70 | 71 | 72 | 66 | 66.4 |
| MILLERS 4 NE | 18 | MAX | 76 | 80 | 85 | 88 | 89 | 89 | 87 | 71 | 75 | 72 | 68 | 73 | 82 | 79 | 80 | 84 | 82 | 76 | 72 | 82 | 81 | 83 | 87 | 83 | 77 | 79 | 80 | 84 | 83 | 84 | 81 | 80.4 |
| | | MIN | 63 | 62 | 67 | 68 | 72 | 73 | 67 | 47 | 49 | 52 | 59 | 61 | 67 | 66 | 64 | 67 | 66 | 63 | 59 | 63 | 69 | 64 | 69 | 64 | 55 | 58 | 60 | 67 | 68 | 70 | 60 | 63.2 |
| ROCKVILLE 1 NE | 17 | MAX | 78 | 80 | 88 | 91 | 90 | 90 | 76 | 71 | 74 | 73 | 70 | 75 | 83 | 82 | 79 | 85 | 82 | 73 | 76 | 86 | 82 | 86 | 89 | 80 | 80 | 78 | 81 | 86 | 85 | 86 | 84 | 81.3 |
| | | MIN | 66 | 66 | 68 | 75 | 76 | 75 | 62 | 55 | 54 | 58 | 64 | 65 | 70 | 68 | 66 | 71 | 71 | 67 | 65 | 67 | 74 | 71 | 74 | 67 | 62 | 65 | 62 | 71 | 73 | 71 | 61 | 67.1 |
| TOWSON | 18 | MAX | 81 | 81 | 88 | 92 | 92 | 92 | 90 | 74 | 77 | 74 | 71 | 75 | 89 | 84 | 81 | 87 | 84 | 86 | 72 | 86 | 85 | 87 | 90 | 86 | 80 | 81 | 82 | 85 | 85 | 85 | 85 | 83.5 |
| | | MIN | 63 | 63 | 66 | 71 | 76 | 72 | 67 | 50 | 52 | 56 | 58 | 60 | 69 | 66 | 65 | 65 | 68 | 69 | 69 | 63 | 68 | 63 | 70 | 65 | 58 | 60 | 63 | 67 | 65 | 79 | 59 | 64.7 |
| | | OBS | | | | | 89 | 92 | | | | | | | 81 | | | | 80 | | | 83 | | | | | | | | | | | | |
| UNIONVILLE | 18 | MAX | 80 | 84 | 89 | 91 | 87 | 92 | 87 | 73 | 76 | 76 | 72 | 76 | 84 | 83 | 82 | 87 | 83 | 77 | 72 | 85 | 82 | 88 | 90 | 85 | 78 | 81 | 81 | 87 | 85 | 87 | 84 | 82.7 |
| | | MIN | 64 | 63 | 62 | 66 | 71 | 70 | 65 | 44 | 43 | 47 | 60 | 62 | 65 | 64 | 62 | 67 | 65 | 64 | 60 | 63 | 68 | 61 | 70 | 67 | 55 | 58 | 60 | 67 | 68 | 70 | 52 | 62.0 |
| WESTMINSTER POLICE BRK | 17 | MAX | 77 | 82 | 87 | 92 | 92 | 93 | 92 | 73 | 76 | 74 | 72 | 75 | 83 | 83 | 84 | 86 | 87 | 83 | 75 | 85 | 86 | 91 | 89 | 85 | 79 | 81 | 82 | 87 | 87 | 87 | 80 | 83.4 |
| | | MIN | 57 | 58 | 65 | 69 | 69 | 70 | 61 | 50 | 48 | 51 | 54 | 56 | 62 | 63 | 59 | 65 | 63 | 60 | 56 | 58 | 64 | 63 | 67 | 62 | 53 | 55 | 58 | 63 | 65 | 64 | 56 | 60.1 |
| WOODSTOCK | 18 | MAX | 80 | 86 | 89 | 92 | 93 | 93 | 91 | 74 | 77 | 73 | 71 | 76 | 85 | 84 | 81 | 88 | 85 | 77 | 72 | 87 | 85 | 88 | 91 | 85 | 82 | 82 | 81 | 87 | 86 | 87 | 85 | 83.6 |
| | | MIN | 65 | 64 | 65 | 69 | 74 | 73 | 69 | 49 | 48 | 58 | 62 | 62 | 68 | 66 | 64 | 67 | 68 | 65 | 62 | 64 | 70 | 65 | 70 | 66 | 59 | 60 | 62 | 68 | 68 | 71 | 57 | 64.5 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# DAILY TEMPERATURES (°F)

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | OB. TIME | MAX/MIN | DAY OF MONTH 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APPALACHIAN MOUNTAIN 07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUMBERLAND 2 | 18 | MAX | 79 | 84 | 89 | 91 | 92 | 90 | 87 | 68 | 75 | 79 | 75 | 77 | 83 | 83 | 80 | 85 | 82 | 78 | 76 | 84 | 81 | 86 | 89 | 85 | 79 | 83 | 80 | 88 | 86 | 85 | 85 | 82.7 |
| | | MIN | 62 | 62 | 68 | 74 | 71 | 68 | 51 | 47 | 49 | 51 | 58 | 60 | 62 | 64 | 65 | 65 | 65 | 64 | 61 | 62 | 65 | 66 | 68 | 61 | 61 | 59 | 60 | 66 | 67 | 56 | 56 | 61.7 |
| FROSTBURG 2 | 07 | MAX | 61 | 72 | 77 | 81 | 84 | 84 | 82 | 63 | 60 | 67 | 70 | 64 | 71 | 74 | 77 | 75 | 78 | 74 | 64 | 72 | 77 | 72 | 79 | 80 | 68 | 70 | 75 | 74 | 82 | 79 | 76 | 73.6 |
| | | MIN | 58 | 56 | 56 | 66 | 69 | 67 | 63 | 47 | 44 | 44 | 49 | 55 | 56 | 57 | 58 | 58 | 60 | 61 | 59 | 57 | 57 | 62 | 62 | 64 | 57 | 57 | 59 | 60 | 61 | 64 | 53 | 57.9 |
| HAGERSTOWN | 18 | MAX | 78 | 84 | 90 | 93 | 93 | 92 | 84 | 71 | 79 | 77 | 72 | 78 | 85 | 86 | 81 | 87 | 84 | 80 | 74 | 86 | 84 | 87 | 92 | 80 | 82 | 85 | 81 | 90 | 89 | 87 | 86 | 83.8 |
| | | OBS | | | | | | | | | **** | **** | **** | **** | **** | **** | | | | | | | | | | | | | | | | | | |
| | | MIN | 60 | 61 | 66 | 60 | 72 | 72 | 58 | 49 | 50 | 52 | 60 | 62 | 65 | 65 | 62 | 65 | 65 | 64 | 63 | 60 | 63 | 66 | 70 | 67 | 57 | 60 | 61 | 65 | 70 | 69 | 58 | 62.5 |
| | | OBS | | | | | | | | | **** | **** | **** | **** | **** | **** | | | | | | | | | | | | | | | | | | |
| HANCOCK | 08 | MAX | 67 | 75 | 82 | 89 | 93 | 92 | 90 | 75 | 71 | 77 | 79 | 73 | 79 | 83 | 84 | 81 | 86 | 83 | 71 | 74 | 86 | 84 | 87 | 86 | 82 | 80 | 83 | 80 | 88 | 87 | 86 | 81.7 |
| | | MIN | 62 | 60 | 62 | 65 | 66 | 69 | 68 | 48 | 47 | 50 | 51 | 60 | 66 | 61 | 63 | 65 | 63 | 62 | 63 | 66 | 65 | 62 | 63 | 68 | 65 | 54 | 50 | 59 | 64 | 66 | 54 | 60.9 |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC HENRY 2 NW | 08 | MAX | 72 | 76 | 77 | 80 | 83 | 83 | 82 | 62 | 60 | 74 | 72 | 72 | 74 | 80 | 80 | 77 | 76 | 76 | 61 | 78 | 76 | 72 | 76 | 79 | 73 | 73 | 79 | 81 | 81 | 77 | 76 | 75.4 |
| | | MIN | 58 | 54 | 55 | 61 | 68 | 60 | 59 | 45 | 44 | 46 | 48 | 52 | 54 | 58 | 58 | 60 | 59 | 59 | 55 | 56 | 60 | 61 | 63 | 62 | 58 | 58 | 57 | 60 | 57 | 63 | 53 | 56.8 |
| OAKLAND 1 SE | 17 | MAX | 75 | 75 | 79 | 84 | 84 | 82 | 79 | 61 | 68 | 70 | 69 | 70 | 77 | 77 | 75 | 77 | 75 | 71 | 71 | 77 | 77 | 77 | 79 | 80 | 80 | 75 | 80 | 79 | 78 | 77 | 79 | 76.0 |
| | | MIN | 61 | 54 | 59 | 67 | 68 | 60 | 58 | 46 | 39 | 43 | 55 | 53 | 54 | 55 | 54 | 60 | 59 | 56 | 57 | 55 | 65 | 64 | 65 | 64 | 59 | 59 | 54 | 57 | 60 | 65 | 48 | 57.2 |
| SAVAGE RIVER DAM | 08 | MAX | 67 | 77 | 80 | 85 | 86 | 85 | 84 | 68 | 65 | 72 | 74 | 66 | 73 | 82 | 79 | 77 | 80 | 78 | 65 | 75 | 79 | 77 | 80 | 83 | 74 | 72 | 80 | 78 | 85 | 80 | 80 | 77.0 |
| | | MIN | 58 | 59 | 60 | 66 | 69 | 66 | 63 | 48 | 43 | 44 | 47 | 55 | 58 | 59 | 58 | 59 | 60 | 62 | 60 | 57 | 58 | 63 | 64 | 65 | 61 | 61 | 58 | 58 | 61 | 64 | 53 | 58.6 |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | 17 | MAX | 78 | 82 | 89 | 92 | 91 | 92 | 91 | 75 | 78 | 79 | 76 | 74 | 85 | 85 | 84 | 88 | 86 | 84 | 75 | 85 | 85 | 86 | 89 | 89 | 87 | 83 | 82 | 84 | 89 | 87 | 86 | 84.4 |
| | | MIN | 64 | 63 | 66 | 69 | 76 | 73 | 69 | 51 | 52 | 55 | 60 | 66 | 68 | 65 | 68 | 68 | 69 | 65 | 64 | 64 | 72 | 65 | 69 | 64 | 59 | 56 | 61 | 65 | 67 | 66 | 63 | 64.6 |
| WILMINGTON WSO ARPT | MID | MAX | 80 | 82 | 89 | 91 | 92 | 91 | 81 | 73 | 79 | 77 | 70 | 72 | 85 | 82 | 81 | 88 | 86 | 72 | 77 | 84 | 83 | 85 | 89 | 84 | 78 | 81 | 81 | 85 | 83 | 88 | 82 | 82.3 |
| | | MIN | 65 | 65 | 69 | 71 | 78 | 75 | 63 | 53 | 54 | 59 | 62 | 64 | 72 | 68 | 71 | 69 | 70 | 67 | 66 | 67 | 73 | 66 | 73 | 66 | 61 | 59 | 64 | 68 | 72 | 67 | 61 | 66.4 |
| WILMINGTON PORTER RSVR | MID | MAX | 77 | 81 | 87 | 93 | 90 | 93 | 82 | 73 | 76 | 76 | 68 | 72 | 84 | 81 | 81 | 86 | 84 | 74 | 76 | 84 | 83 | 85 | 87 | 80 | 77 | 80 | 80 | 82 | 82 | 86 | 80 | 81.3 |
| | | MIN | 63 | 64 | 66 | 69 | 77 | 74 | 65 | 54 | 56 | 58 | 62 | 63 | 70 | 69 | 70 | 70 | 70 | 65 | 65 | 67 | 72 | 69 | 71 | 65 | 60 | 60 | 63 | 65 | 70 | 70 | 63 | 66.0 |
| SOUTHERN 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DOVER | 17 | MAX | 81 | 82 | 91 | 97 | 97 | 94 | 91 | 75 | 77 | 75 | 71 | 74 | 83 | 81 | 81 | 86 | 84 | 75 | 79 | 84 | 87 | 87 | 91 | 89 | 85 | 84 | 83 | 87 | 86 | 88 | 85 | 84.2 |
| | | MIN | 65 | 61 | 71 | 73 | 74 | 71 | 72 | 56 | 55 | 64 | 68 | 69 | 69 | 68 | 73 | 70 | 71 | 69 | 68 | 70 | 71 | 69 | 72 | 66 | 61 | 57 | 63 | 69 | 73 | 72 | 64 | 67.5 |
| GEORGETOWN 5 SW | 08 | MAX | 73 | 79 | 83 | 88 | 90 | 93 | 90 | 79 | 75 | 72 | 67 | 69 | 77 | 85 | 82 | 84 | 87 | 84 | 77 | 81 | 85 | 83 | 86 | 88 | 88 | 84 | 76 | 76 | 86 | 87 | 87 | 82.0 |
| | | MIN | 64 | 60 | 66 | 69 | 74 | 76 | 69 | 55 | 55 | 55 | 63 | 67 | 70 | 68 | 71 | 67 | 69 | 68 | 69 | 68 | 69 | 70 | 73 | 72 | 59 | 55 | 59 | 67 | 67 | 72 | 58 | 65.9 |
| GREENWOOD 2 NE | 18 | MAX | 81 | 80 | 86 | 89 | 89 | 88 | 87 | 75 | 76 | 70 | 69 | 71 | 83 | 80 | 80 | 86 | 85 | 71 | 76 | 84 | 82 | 85 | 88 | 82 | 79 | 79 | 81 | 84 | 85 | 87 | 81 | 81.3 |
| | | MIN | 64 | 61 | 69 | 68 | 77 | 72 | 69 | 55 | 54 | 63 | 64 | 66 | 70 | 67 | 71 | 67 | 69 | 68 | 69 | 67 | 74 | 70 | 73 | 68 | 59 | 55 | 61 | 67 | 69 | 74 | 57 | 66.4 |
| LEWES | 17 | MAX | 77 | 81 | 86 | 93 | 91 | 91 | 88 | 75 | 76 | 76 | 72 | 75 | 82 | 82 | 83 | 83 | 80 | 77 | 79 | 85 | 85 | 87 | 90 | 89 | 75 | 80 | 80 | 86 | 86 | 89 | 88 | 82.8 |
| | | MIN | 69 | 65 | 68 | 73 | 79 | 73 | 70 | 64 | 60 | 65 | 68 | 69 | 72 | 70 | 72 | 70 | 71 | 71 | 69 | 71 | 75 | 72 | 75 | 71 | 63 | 59 | 66 | 70 | 71 | 75 | 67 | 69.5 |
| MILFORD 4 SE | 17 | MAX | 78 | 78 | 87 | 92 | 91 | 88 | 88 | 76 | 76 | 71 | 71 | 73 | 82 | 78 | 79 | 86 | 81 | 76 | 77 | 85 | 83 | 86 | 89 | 88 | 76 | 78 | 80 | 86 | 86 | 88 | 87 | 81.9 |
| | | MIN | 66 | 62 | 66 | 70 | 77 | 73 | 72 | 56 | 55 | 62 | 66 | 67 | 70 | 68 | 71 | 68 | 69 | 68 | 69 | 67 | 74 | 71 | 73 | 69 | 60 | 56 | 62 | 66 | 69 | 75 | 60 | 67.0 |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# EVAPORATION AND WIND

MARYLAND AND DELAWARE
AUGUST 1989

| STATION | | DAY OF MONTH 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL OR AVG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MARYLAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UPPER SOUTHERN 04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELTSVILLE | WIND | 15 | 0 | 5 | 47 | 72 | 38 | 25 | 71 | 52 | 16 | 39 | 33 | 21 | 19 | 12 | 5 | 22 | 22 | 49 | 22 | 33 | 29 | 31 | 44 | 23 | * | 31 | 16 | 21 | 23 | 47 | 883 |
| | EVAP | 4 | 12 | 15 | 27 | 33 | 27 | 25 | 17 | 35 | 7 | 13 | 1 | 8 | 18 | 7 | 7 | 22 | 20 | 4 | 9 | 20 | 10 | 20 | 25 | 14 | * | 30 | 13 | 19 | 12 | 32 | 5.06 |
| | MAX | 72 | 87 | 91 | 93 | 96 | 98 | 101 | 81 | 82 | 87 | 79 | 71 | 84 | 91 | 83 | 85 | 96 | 93 | 77 | 80 | 92 | 87 | 95 | 95 | 85 | - | - | 89 | 92 | 90 | 91 | 87.7 |
| | MIN | 67 | 70 | 70 | 69 | 74 | 72 | 72 | 57 | 57 | 58 | 63 | 63 | 65 | 70 | 69 | 70 | 71 | 66 | 65 | 69 | 70 | 72 | 71 | 69 | 63 | - | - | 66 | 71 | 72 | 62 | 67.3 |
| UPPER MARLBORO 3 NNW | WIND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | M |
| | EVAP | 5 | 11 | 16 | 20 | 27 | 26 | 23 | 23 | 23 | 18 | 11 | 0 | 2 | 15 | 11 | 5 | 19 | 21 | 4 | 7 | 17 | 10 | 17 | 21 | 15 | 17 | 12 | 10 | 14 | 10 | 28 | 4.58 |
| | MAX | 74 | 74 | 88 | 95 | 98 | 86 | 78 | 76 | 64 | 74 | 74 | 64 | 76 | 72 | 74 | 84 | 74 | 76 | 74 | 82 | 92 | 74 | 76 | 80 | 72 | 90 | 82 | 74 | 74 | 76 | 94 | 78.7 |
| | MIN | 64 | 63 | 66 | 68 | 73 | 74 | 72 | 56 | 56 | 56 | 62 | 60 | 62 | 68 | 68 | 68 | 70 | 66 | 64 | 64 | 66 | 70 | 70 | 70 | 64 | 62 | 64 | 64 | 68 | 74 | 62 | 65.6 |
| ALLEGHENY PLATEAU 08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAVAGE RIVER DAM | WIND | 24 | 21 | 48 | 59 | 68 | 45 | 40 | 46 | 43 | 22 | 17 | 18 | 15 | 19 | 20 | 18 | 26 | 12 | 15 | 19 | 18 | 25 | 22 | 38 | 15 | 15 | 20 | 25 | 15 | 27 | 55 | 870 |
| | EVAP | 41 | 2 | 24 | 13 | 27 | 4 | 28 | 2 | 22 | 12 | 10 | 6 | 14 | 9 | 8 | 6 | 15 | 5 | - | 5 | 15 | 22 | 7 | 13 | 9 | 14 | 3 | 21 | 17 | 0 | 21 | 4.08B |
| | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | M |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | M |
| DELAWARE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK UNIVERSITY FARM | WIND | 24 | 16 | 40 | 40 | 46 | 18 | 19 | 35 | 23 | 25 | 49 | 10 | 11 | 12 | 9 | 19 | 19 | 21 | 54 | 22 | 27 | 33 | 35 | 23 | 29 | 16 | 23 | 12 | 35 | 33 | 33 | 811 |
| | EVAP | 2 | 16 | 5 | 21 | 38 | 13 | 25 | 19 | 6 | 11 | 13 | - | 15 | 5 | 28 | 5 | 26 | 0 | 5 | 8 | 23 | 19 | 21 | 12 | 23 | 18 | 18 | 4 | 15 | 36 | 14 | 4.79B |
| | MAX | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | M |
| | MIN | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | M |

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

| STATION | INDEX NO. | DIVISION | COUNTY | LATITUDE | LONGITUDE | ELEVATION (IN FEET) | OBSERVATION TIME AND TABLES (LOCAL STD TIME) TEMP | PRECIP | EVAP | SPECIAL (SEE NOTES) | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 30 | 17 | 17 | | H | ANNAPOLIS POLICE BRKS |
| ASSATEAGUE IS NATL SEA | 0335 | 01 | WORCESTER | 38 14 | 75 8W | 7 | 07 | 07 | | H | NATIONAL PARK SERVICE |
| BALTIMORE WSO ARPT R | 0465 | 04 | ANNE ARUNDEL | 39 11 | 76 40W | 148 | MID | MID | | C HJ | NATL WEATHER SERVICE |
| BALTIMORE WSO CITY # R | 0470 | 06 | BALTIMORE CI | 39 17 | 76 37W | 14 | MID | MID | | C | OCMI COMMANDING OFFICER |
| BELTSVILLE | 0700 | 04 | PRINCE GEORG | 39 2 | 76 53W | 120 | 08 | 08 | 08 | C H | US DEPT OF AGRICULTURE |
| BENSON POLICE BARRACKS | 0732 | 06 | HARFORD | 39 30 | 76 23W | 365 | 17 | 17 | | H | MARYLAND STATE POLICE |
| BOYDS 2 NW | 1032 | 06 | MONTGOMERY | 39 13 | 77 20W | 581 | 18 | 18 | | H | HUNTER F STALEY |
| BRIGHTON DAM | 1125 | 06 | MONTGOMERY | 39 12 | 77 1W | 331 | | MID | | | WASH SUB SANY COMM |
| CAMBRIDGE WATER TRMT P | 1385 | 02 | DORCHESTER | 38 34 | 76 4W | 10 | 16 | 16 | | H | WASTEWATER TRTMT PLANT |
| CATOCTIN MOUNTAIN PARK | 1530 | 06 | FREDERICK | 39 39 | 77 29W | 1610 | 17 | 17 | | C H | CATOCTIN MOUNTAIN PARK |
| CHESTERTOWN | 1750 | 05 | KENT | 39 13 | 76 4W | 39 | 23 | 23 | | H | THOMAS W ELIASON JR |
| CLARKSVILLE 3 NNE | 1862 | 06 | HOWARD | 39 15 | 76 56W | 365 | 17 | 17 | | H | UNIVERSITY OF MARYLAND |
| COLLEGE PARK | 1995 | 04 | PRINCE GEORG | 38 59 | 76 57W | 90 | 09 | 09 | | C H | UNIVERSITY OF MARYLAND |
| CONOWINGO DAM | 2060 | 06 | HARFORD | 39 39 | 76 10W | 39 | MID | MID | | | SUSQUEHANNA ELECTRIC CO |
| CRISFIELD SOMERS COVE | 2215 | 01 | SOMERSET | 37 59 | 75 52W | 8 | 17 | 17 | | | SOMERS COVE MARINA |
| CUMBERLAND 2 | 2282 | 07 | ALLEGANY | 39 38 | 78 45W | 730 | 18 | 07 | | H | TIMOTHY B THOMAS |
| DALECARLIA RESVR DC | 2325 | 04 | DIS COLUMBIA | 38 56 | 77 7W | 151 | 17 | 17 | | | U S CORPS OF ENGINEERS |
| DAMASCUS 2 SW | 2335 | 06 | MONTGOMERY | 39 16 | 77 14W | 722 | 19 | 19 | | H | RICHARD W SCHWERDT |
| DENTON 2 E | 2523 | 02 | CAROLINE | 38 53 | 75 48W | 49 | 17 | 17 | | H | ARTHUR REINHOLD |
| EDGEMONT | 2770 | 07 | WASHINGTON | 39 40 | 77 33W | 905 | | 07 | | | JOHN W HARNE |
| EMMITSBURG 2 SE | 2906 | 06 | FREDERICK | 39 41 | 77 18W | 420 | 17 | 17 | | H | MRS LUCILLE K BEALE |
| FREDERICK POLICE BRKS | 3348 | 06 | FREDERICK | 39 25 | 77 26W | 381 | 17 | 17 | | H | MARYLAND STATE POLICE |
| FREDERICK 3 E | 3355 | 06 | FREDERICK | 39 24 | 77 22W | 385 | | 07 | | | MISS I MARY STALEY |
| FROSTBURG 2 | 3415 | 07 | ALLEGANY | 39 40 | 78 56W | 2172 | 07 | 07 | | H | LEE K CLOSE |
| GLENN DALE BELL STN | 3675 | 04 | PRINCE GEORG | 38 58 | 76 48W | 151 | 16 | 16 | | H | USDA PLT INTRODUCT STN |
| HAGERSTOWN | 3975 | 07 | WASHINGTON | 39 39 | 77 44W | 659 | 18 | 18 | | H | HAGERSTOWN RESERVOIR |
| HANCOCK | 4030 | 07 | WASHINGTON | 39 42 | 78 11W | 428 | 08 | 08 | | C H | TOWN OF HANCOCK |
| LA PLATA 1 W | 5080 | 03 | CHARLES | 38 32 | 77 0W | 140 | 18 | 18 | | H | C RUSSELL LEVERING |
| LAUREL 3 W | 5111 | 04 | PRINCE GEORG | 39 6 | 76 54W | 400 | MID | MID | | | WASH SUB SANY COMM |
| MC HENRY 2 NW | 5832 | 08 | GARRETT | 39 35 | 79 22W | 2680 | 08 | 08 | | C H | JOSEPH F JOHENNING |
| MECHANICSVILLE 5 NE | 5865 | 03 | ST MARYS | 38 27 | 76 41W | 100 | 19 | 19 | | H | SANDRA J HASTINGS |
| MERRILL | 5894 | 08 | GARRETT | 39 36 | 79 5W | 1791 | | 09 | | H | DELWOOD E MERRILL |
| MILLERS 4 NE | 5934 | 06 | CARROLL | 39 43 | 76 48W | 860 | 18 | 18 | | C H | ROBERT P MILLER |
| MILLINGTON 1 SE | 5985 | 05 | KENT | 39 16 | 75 52W | 30 | 18 | 18 | | | HOWARD L HARVEY |
| NATIONAL ARBORETUM DC | 6350 | 04 | DIS COLUMBIA | 38 54 | 76 59W | 49 | 08 | 08 | | H | U S NATL ARBORETUM |
| OAKLAND 1 SE | 6620 | 08 | GARRETT | 39 24 | 79 24W | 2421 | 17 | 17 | | H | BEA J CROSCO |
| OWINGS FERRY LANDING | 6770 | 03 | CALVERT | 38 41 | 76 40W | 160 | 17 | 17 | | H | JAMES C RASMUSSEN |
| PATUXENT RIVER | 6915 | 03 | ST MARYS | 38 20 | 76 25W | 38 | MID | MID | | C H | NAVAL WEATHER SERVICE |
| POTOMAC FILTER PLANT | 7272 | 06 | MONTGOMERY | 39 2 | 77 15W | 269 | | 08 | | | POTOMAC WATER FILT PLT |
| PRINCESS ANNE | 7330 | 01 | SOMERSET | 38 13 | 75 41W | 20 | 17 | 17 | | | UNIV OF MD EASTERN SHORE |
| ROCKVILLE 1 NE | 7705 | 06 | MONTGOMERY | 39 6 | 77 6W | 440 | 17 | 17 | | H | WASHINGTON GAS AND LIGHT |
| 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 ARPT # | 8005 | 01 | WICOMICO | 38 20 | 75 31W | 48 | MID | MID | | H | FAA |
| SAVAGE RIVER DAM | 8065 | 08 | GARRETT | 39 31 | 79 8W | 1495 | 08 | 08 | 08 | C H | US CORPS OF ENGINEERS |
| SNOW HILL 4 N | 8380 | 01 | WORCESTER | 38 14 | 75 23W | 30 | 18 | 18 | | H | CURTIS E SHOCKLEY |
| TALL TIMBERS | 8757 | 03 | ST MARYS | 38 10 | 76 33W | 12 | 17 | 17 | | H | RICHARD A EVERETT |
| TOWSON | 8877 | 06 | BALTIMORE | 39 23 | 76 34W | 390 | 18 | 18 | | | BENDIX FRIEZ |
| UNIONVILLE | 9030 | 06 | FREDERICK | 39 27 | 77 11W | 430 | 18 | 18 | | C | RICHARD GETZANDANNER |
| UPPER MARLBORO 3 NNW | 9070 | 04 | PRINCE GEORG | 38 52 | 76 47W | 98 | 08 | 08 | 08 | H | UNIVERSITY OF MARYLAND |
| VIENNA | 9140 | 02 | DORCHESTER | 38 29 | 75 50W | 10 | 18 | 18 | | | DELMARVA POWER & LIGHT |
| WESTMINSTER POLICE BRK | 9440 | 06 | CARROLL | 39 33 | 76 58W | 765 | 17 | 17 | | H | MARYLAND STATE POLICE |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# STATION INDEX

| STATION | INDEX NO. | DIVISION | COUNTY | LATITUDE | LONGITUDE | ELEVATION (IN FEET) | OBSERVATION TIME AND TABLES LOCAL STD TIME TEMP | PRECIP | EVAP | SPECIAL | (SEE NOTES) | OBSERVER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WOODSTOCK | 9750 | 06 | BALTIMORE | 39 20 | 76 52W | 459 | 18 | 18 | | | H | JOHN A HILTZ |
| DELAWARE | | | | | | | | | | | | |
| DOVER | 2730 | 02 | KENT | 39 9 | 75 31W | 30 | 17 | 17 | | | H | STATE DIV OF HIGHWAYS |
| GEORGETOWN 5 SW | 3570 | 02 | SUSSEX | 38 38 | 75 27W | 45 | 08 | 08 | 08 | C | H | UNIV OF DEL SUBSTATION |
| GREENWOOD 2 NE | 3595 | 02 | SUSSEX | 38 50 | 75 35W | 45 | 18 | 18 | | | H | DANIEL M SWARTZENTRUBER |
| LEWES | 5320 | 02 | SUSSEX | 38 46 | 75 8W | 15 | 17 | 17 | | | | BOARD OF PUBLIC WORKS |
| MILFORD 4 SE | 5915 | 02 | SUSSEX | 38 54 | 75 28W | 30 | 17 | 17 | | | H | DAVID S SCHLOTT |
| NEWARK UNIVERSITY FARM | 6410 | 01 | NEW CASTLE | 39 40 | 75 44W | 90 | 17 | 17 | 17 | C | H | UNIV OF DEL AGRIC FARM |
| WILMINGTON WSO ARPT R | 9595 | 01 | NEW CASTLE | 39 40 | 75 36W | 79 | MID | MID | | C | HJ | NATL WEATHER SERVICE |
| WILMINGTON PORTER RSVR | 9605 | 01 | NEW CASTLE | 39 46 | 75 32W | 274 | MID | MID | | | H | WATER DEPARTMENT |

SEE REFERENCE NOTES FOLLOWING STATION INDEX

# REFERENCE NOTES



## DEFINITIONS

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

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

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.

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

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature Table. Edited values are produced when an original value is missing or when surrounding stations 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.

## SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

- # Thermometers located in a rooftop shelter.
- // Rain Gage equipped with a windshield.
- AR Observation made "after rain" has occurred.
- C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
- G Observations appear in "Soil Temperatures" table.
- H Observations appear in "Snowfall and Snow on Ground" table.
- J Station also published as a Local Climatological Data publication.
- MID Observation time is midnight.
- MO Rain gage read once monthly, usually the last day.
- OC Rain gage readings vary from a few weeks to several months.
- R Amounts from recording rain gage.
- SR Observation time near sunrise.
- SS Observation time near sunset.
- VAR Observation time varies.
- WI *Rain gage read weekly or irregularly.*
- WM Rain gage read weekly and last day of month.

## SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK entries in the "Monthly Summarized Data" table indicate no record.
BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on 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.
- * Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).
- // Rain gage equipped with a windshield.
- A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)
- B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).
- M *Insufficient or partial data. M is appended to average and/or total* values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).
- R Amounts from recording rain gage.
- T Trace. An amount too small to measure.
- V Includes total for previous month(s). (See * above)

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

The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center. The data are also available in digital form on magnetic tape and diskette.

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USCOMM-NOAA-ASHEVILLE, N.C. AUGUST 1989-0585

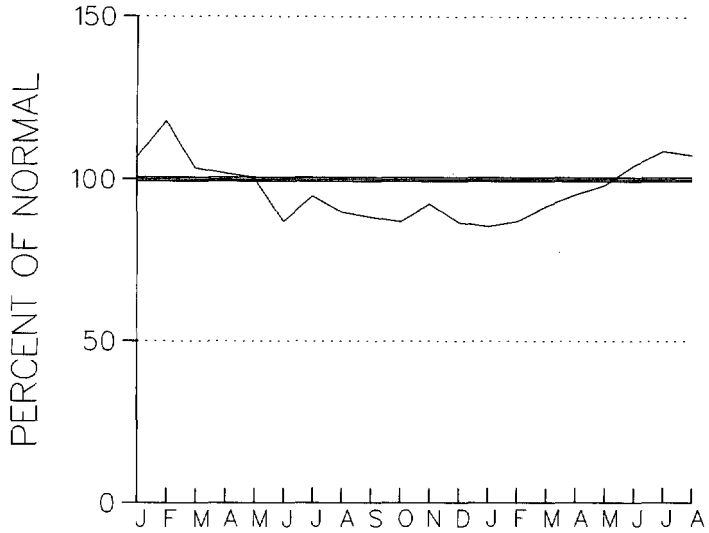
# CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
## FOR THE LAST 20 MONTHS
## ENDING AUGUST 1989
## MARYLAND

CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 –DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08

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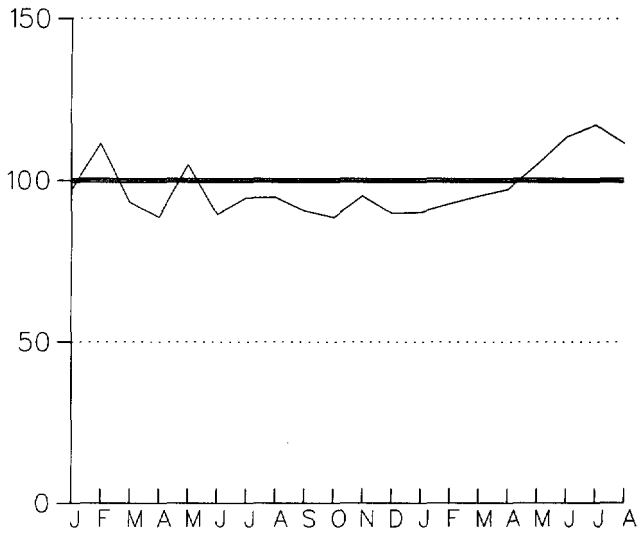


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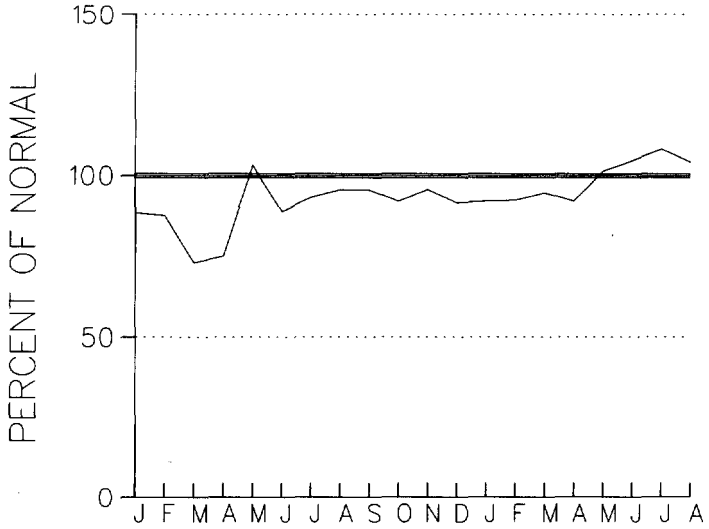


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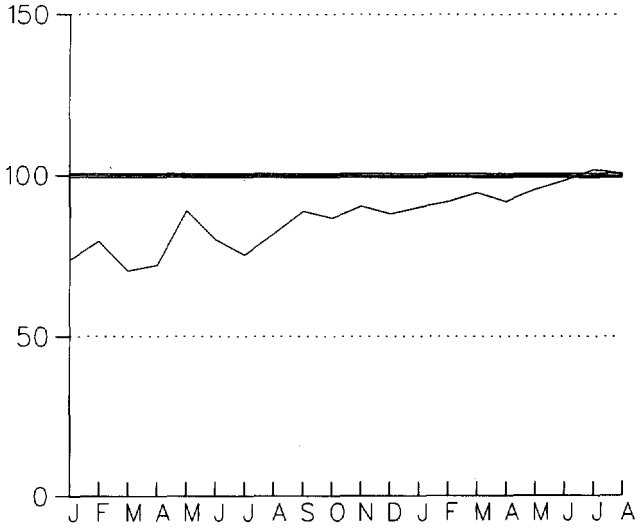
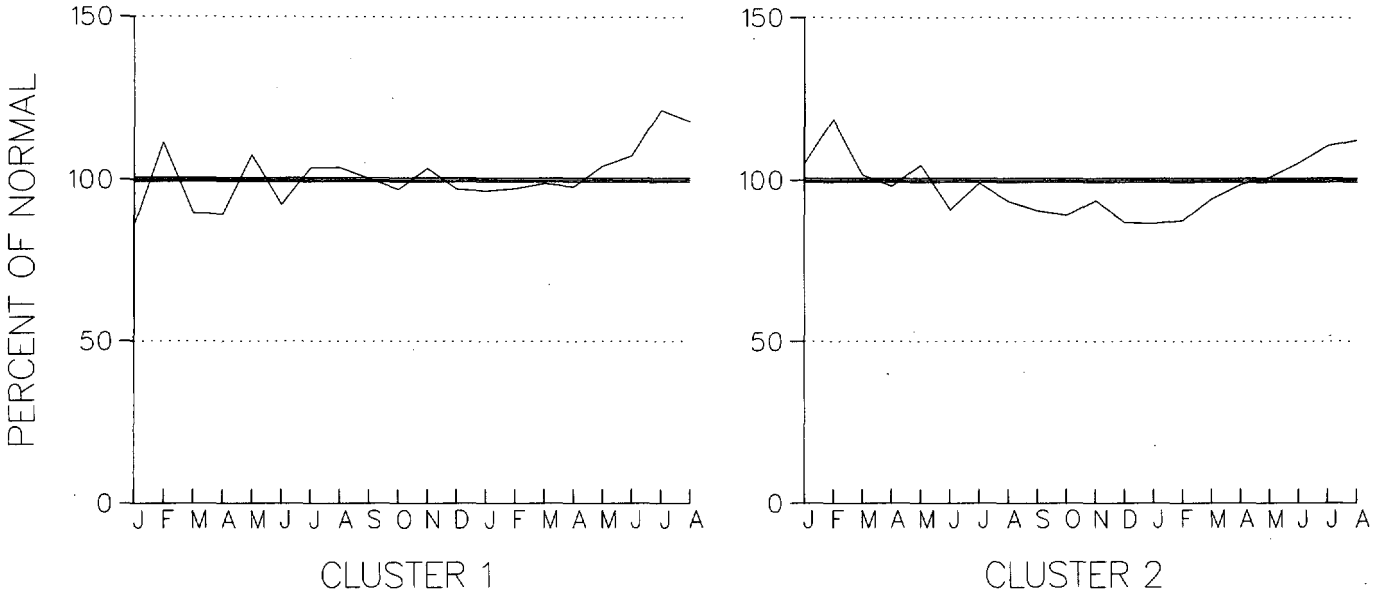



CLUSTER 4

# CUMULATIVE PRECIPITATION DEPARTURES FROM NORMAL (1951–1980) FOR THE LAST 20 MONTHS ENDING AUGUST 1989 DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



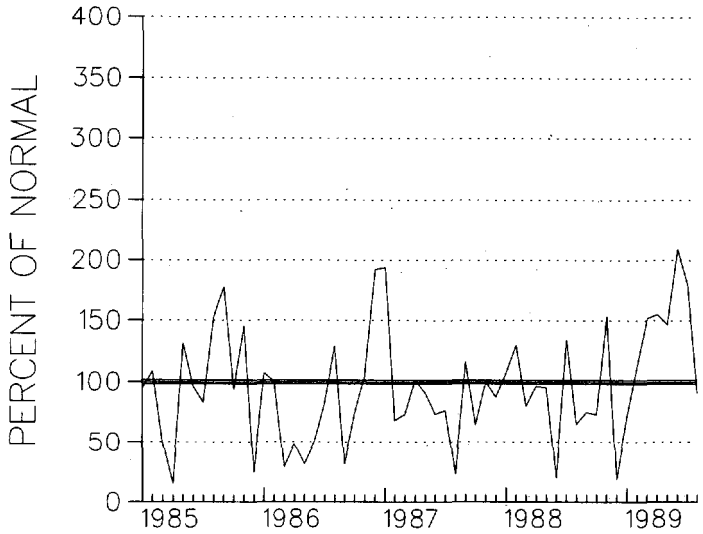
# PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
# FOR THE 56 MONTHS
# ENDING AUGUST 1989
# MARYLAND

CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

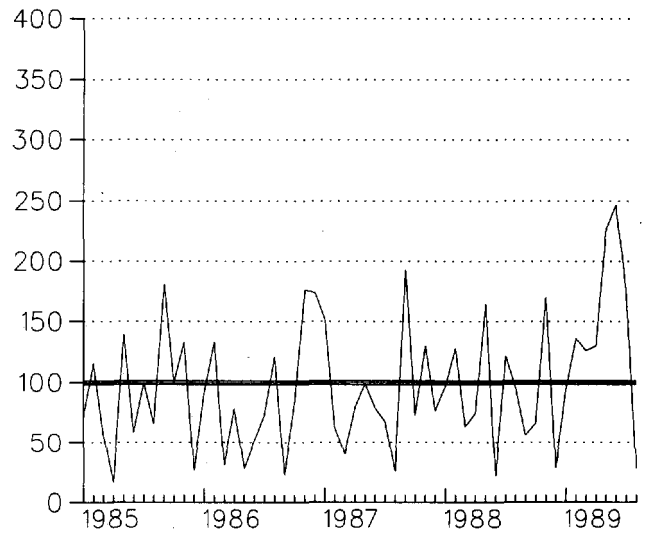
CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 –DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08




CLUSTER 1

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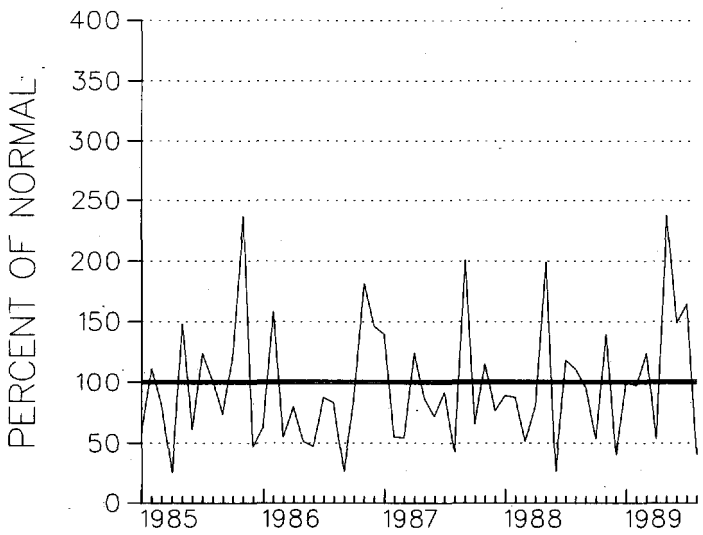


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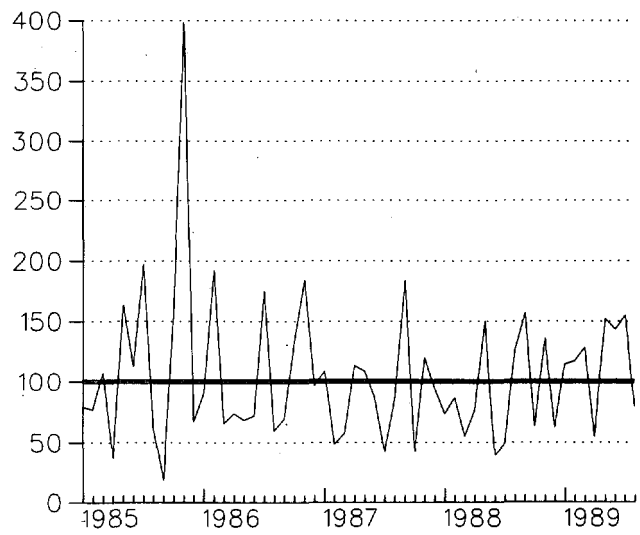
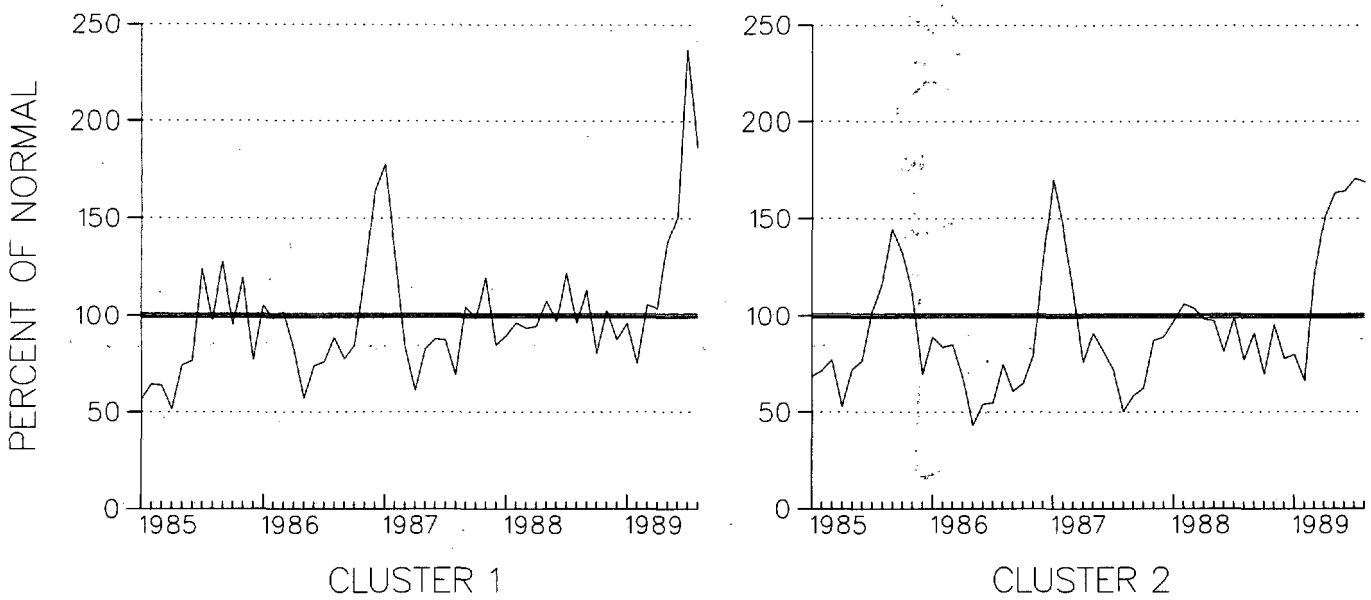



CLUSTER 4

# PRECIPITATION DEPARTURES FROM NORMAL (1951–1980)
## THREE MONTH RUNNING MEAN
## FOR THE 56 MONTHS ENDING WITH AUGUST 1989 DATA
## DELAWARE

CLUSTER 1 –DIVISION(S):
NORTHERN 01

CLUSTER 2 –DIVISION(S):
SOUTHERN 02



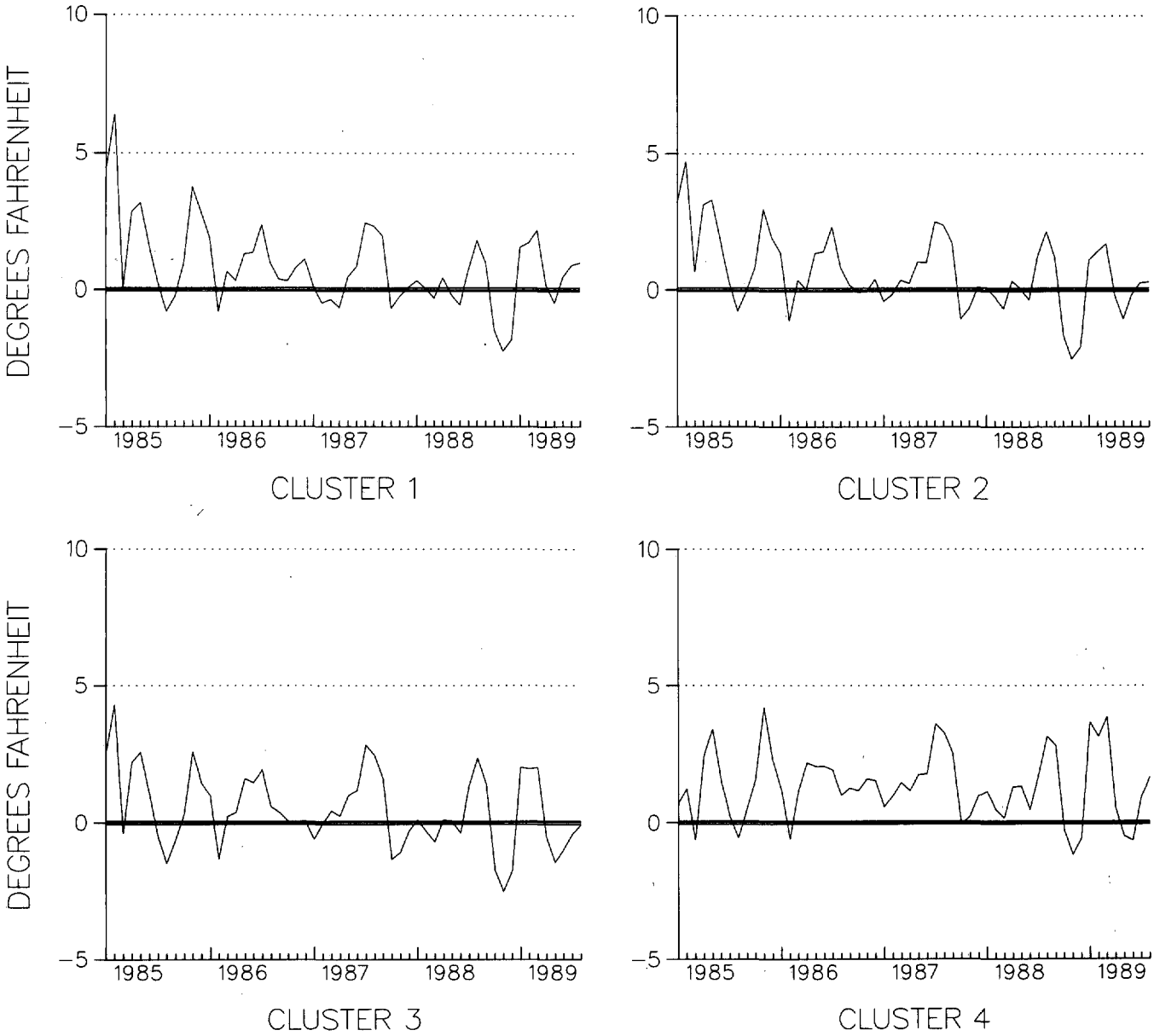
# TEMPERATURE DEPARTURES FROM NORMAL (1951–1980)
## THREE MONTH RUNNING MEAN
## FOR THE 56 MONTHS ENDING WITH AUGUST 1989 DATA
## MARYLAND

CLUSTER 1 –DIVISION(S):
SOUTHERN EASTERN SHORE 01
CENTRAL EASTERN SHORE 02
LOWER SOUTHERN 03

CLUSTER 2 –DIVISION(S):
UPPER SOUTHERN 04
NORTHERN EASTERN SHORE 05

CLUSTER 3 –DIVISION(S):
NORTHERN CENTRAL 06
APPALACHIAN MOUNTAIN 07

CLUSTER 4 –DIVISION(S):
ALLEGHENY PLATEAU 08



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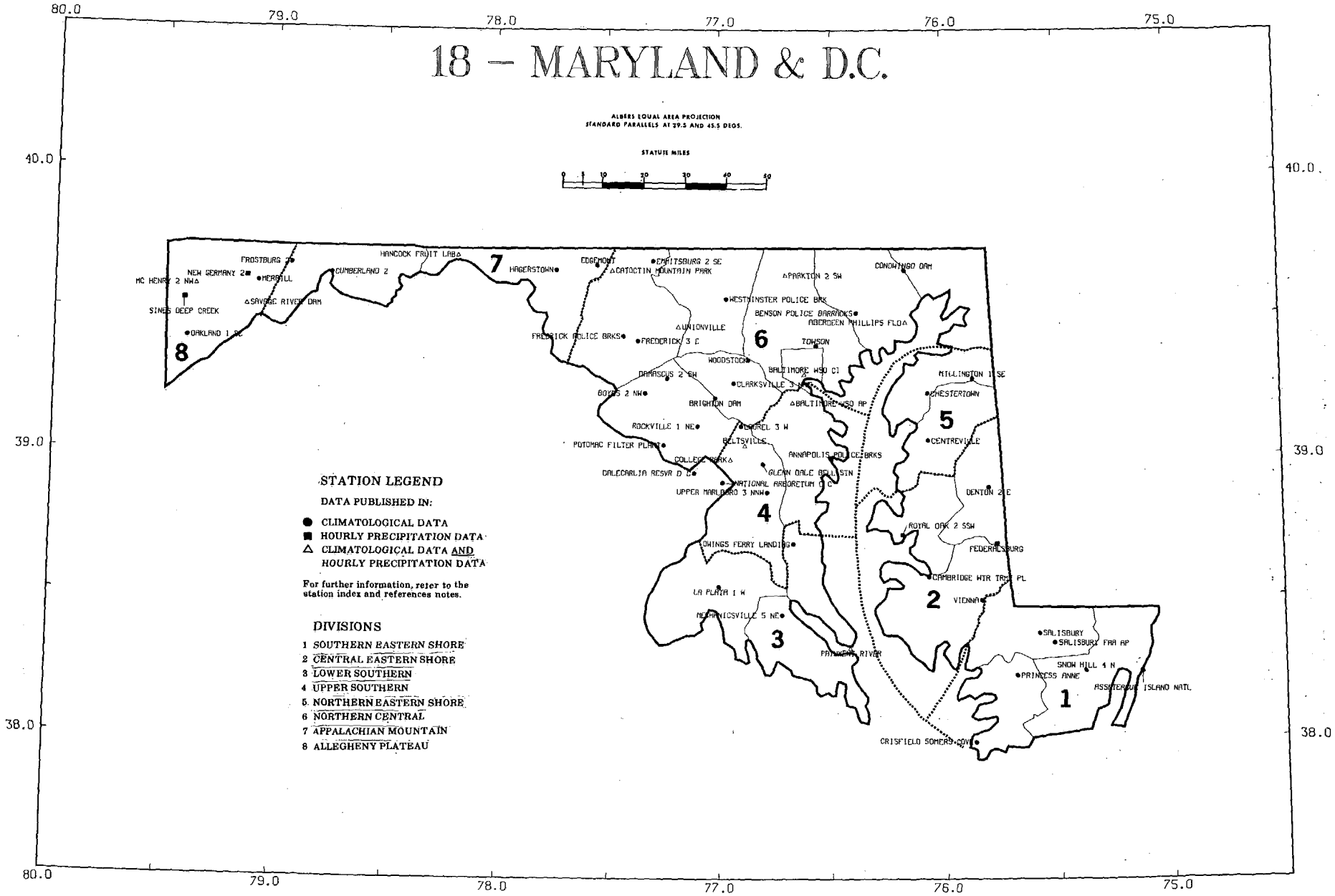
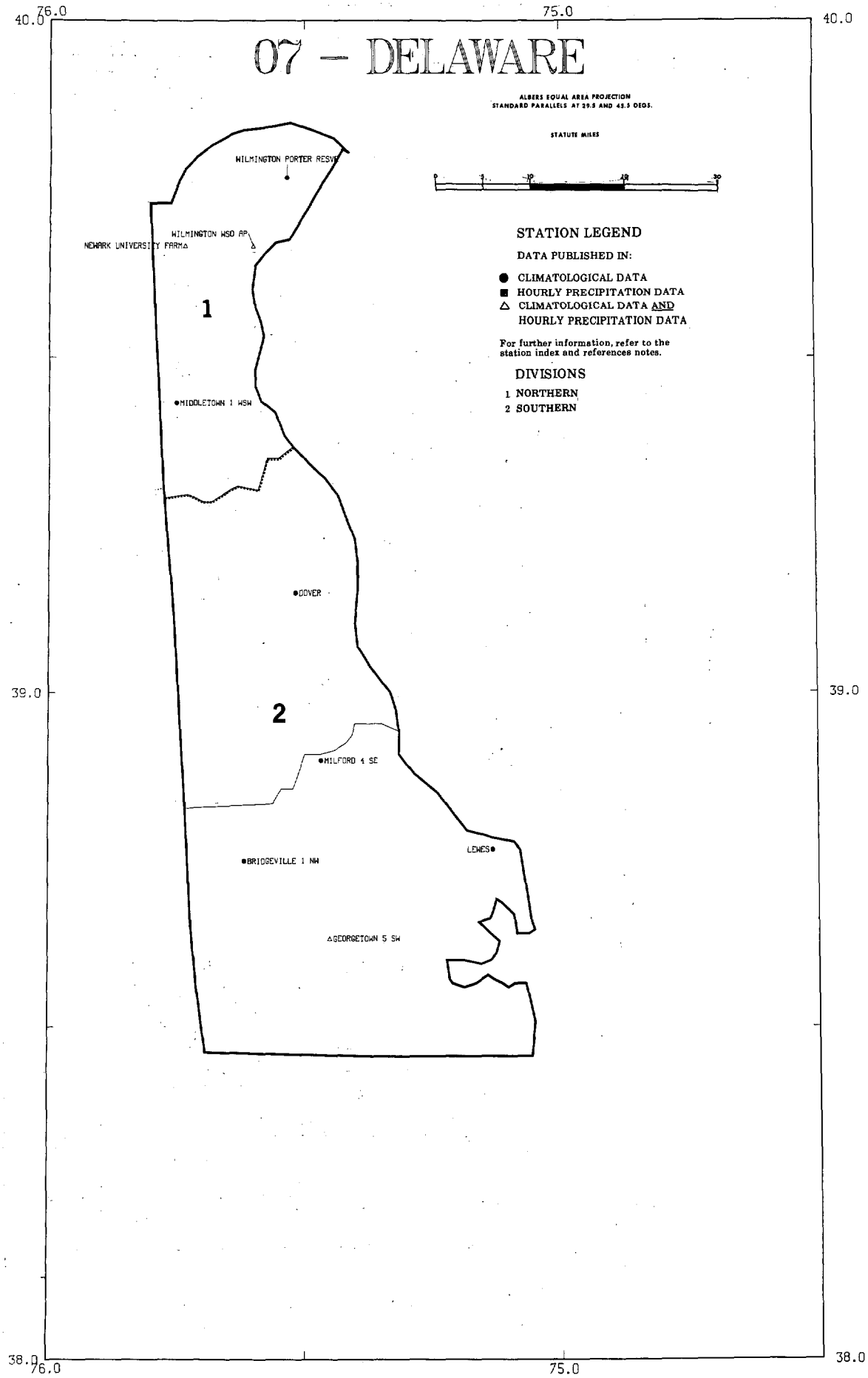


# 07 — DELAWARE


76.0
75.0
40.0
39.0
38.0
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29.5 AND 45.5 DEGS.
STATUTE MILES
0
5
10
15
30
WILMINGTON PORTER RESVR
WILMINGTON WSO AP
NEWARK UNIVERSITY FARM
1
MIDDLETOWN 1 WSW
DOVER
2
MILFORD 4 SE
LEWES
BRIDGEVILLE 1 NW
GEORGETOWN 5 SW
STATION LEGEND
DATA PUBLISHED IN:
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HOURLY PRECIPITATION DATA
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HOURLY PRECIPITATION DATA
For further information, refer to the
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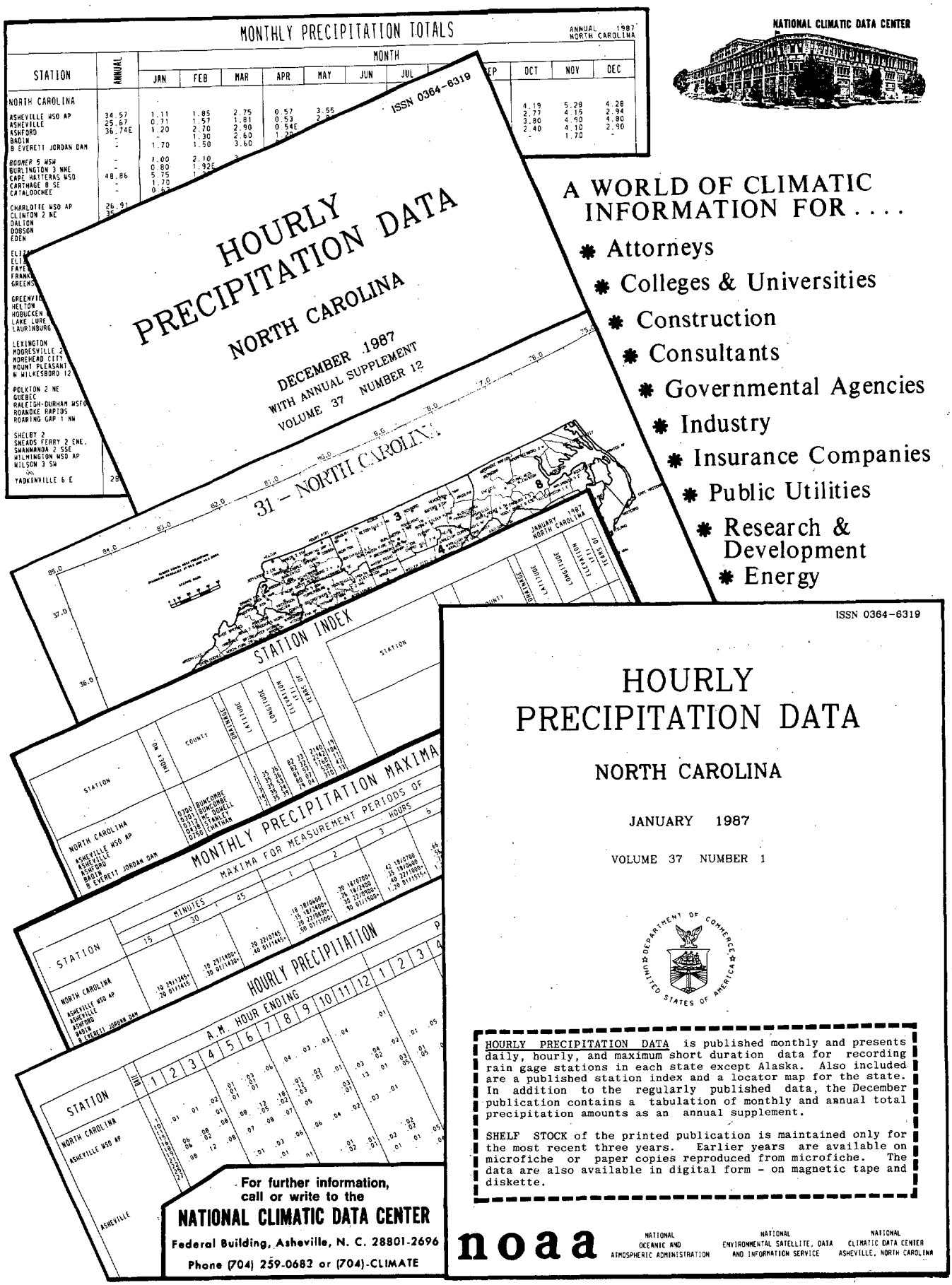
DIVISIONS
1 NORTHERN
2 SOUTHERN

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# HOURLY PRECIPITATION DATA

## NORTH CAROLINA

JANUARY 1987

VOLUME 37 NUMBER 1

HOURLY PRECIPITATION DATA is published monthly and presents daily, hourly, and maximum short duration data for recording rain gage stations in each state except Alaska. Also included are a published station index and a locator map for the state. In addition to the regularly published data, the December publication contains a tabulation of monthly and annual total precipitation amounts as an annual supplement.

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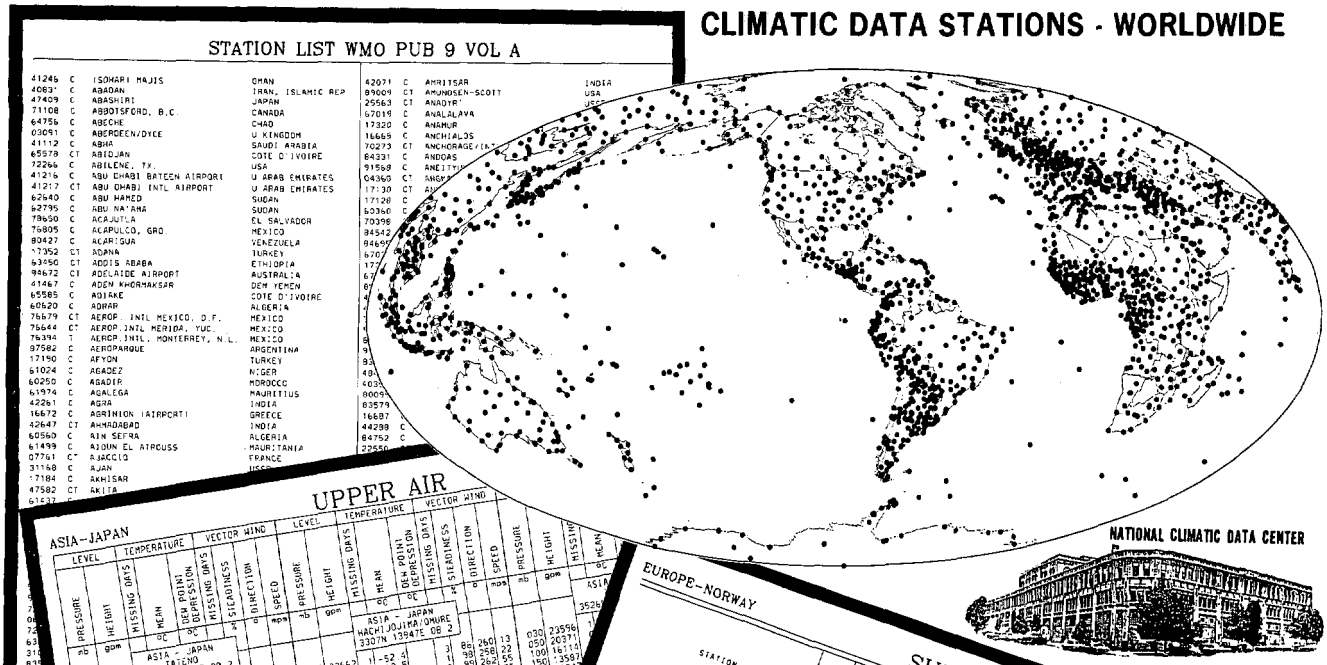



NATIONAL CLIMATIC DATA CENTER



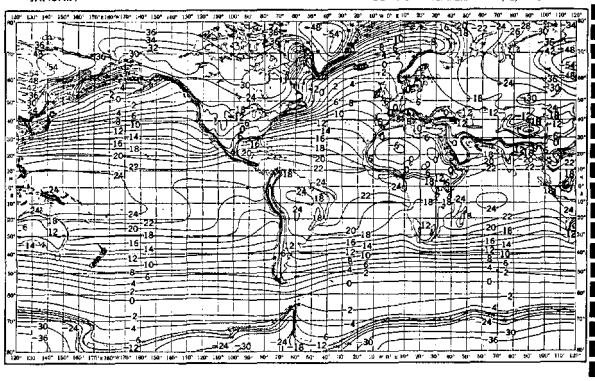
JANUARY 1988
VOL. 41 NO. 1

ISSN 0027-0296

# MONTHLY CLIMATIC DATA FOR THE WORLD

## PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

JANUARY — DEW-POINT TEMPERATURE (°C) - MEANS



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MONTHLY CLIMATIC DATA for the WORLD (MCDW) is a publication of monthly summaries of climatic data from around the world. Data are prepared by Members of the World Meteorological Organization for selected stations and exchanged via the Global Telecommunications System in coded format.

Tables of both Surface and Upper Air data are presented. Surface data tables contain elements of pressure, temperature, vapor pressure, precipitation, and sunshine. Upper Air tables contain geopotential heights, temperatures, dew point depressions, and vector winds for ten selected pressure levels between the surface and thirty millibars (hectopascals). A Station List is also provided which, in the January and July editions, contains all stations authorized for publication. In other months the list contains only those stations from which data no more than two months old have been recently received.

Currently, world maps of long term mean temperatures, dew points, and sea level pressures are included on the cover of the MCDW. The maps are generally representative of conditions during the 1950's to mid-1970's, however some data may be from as early as the 1850's.

SHELF STOCK of the printed publication is maintained only for the most recent three years. Earlier years are available on microfiche or paper copies reproduced from microfiche. The data are also available in digital form on magnetic tape and diskette.

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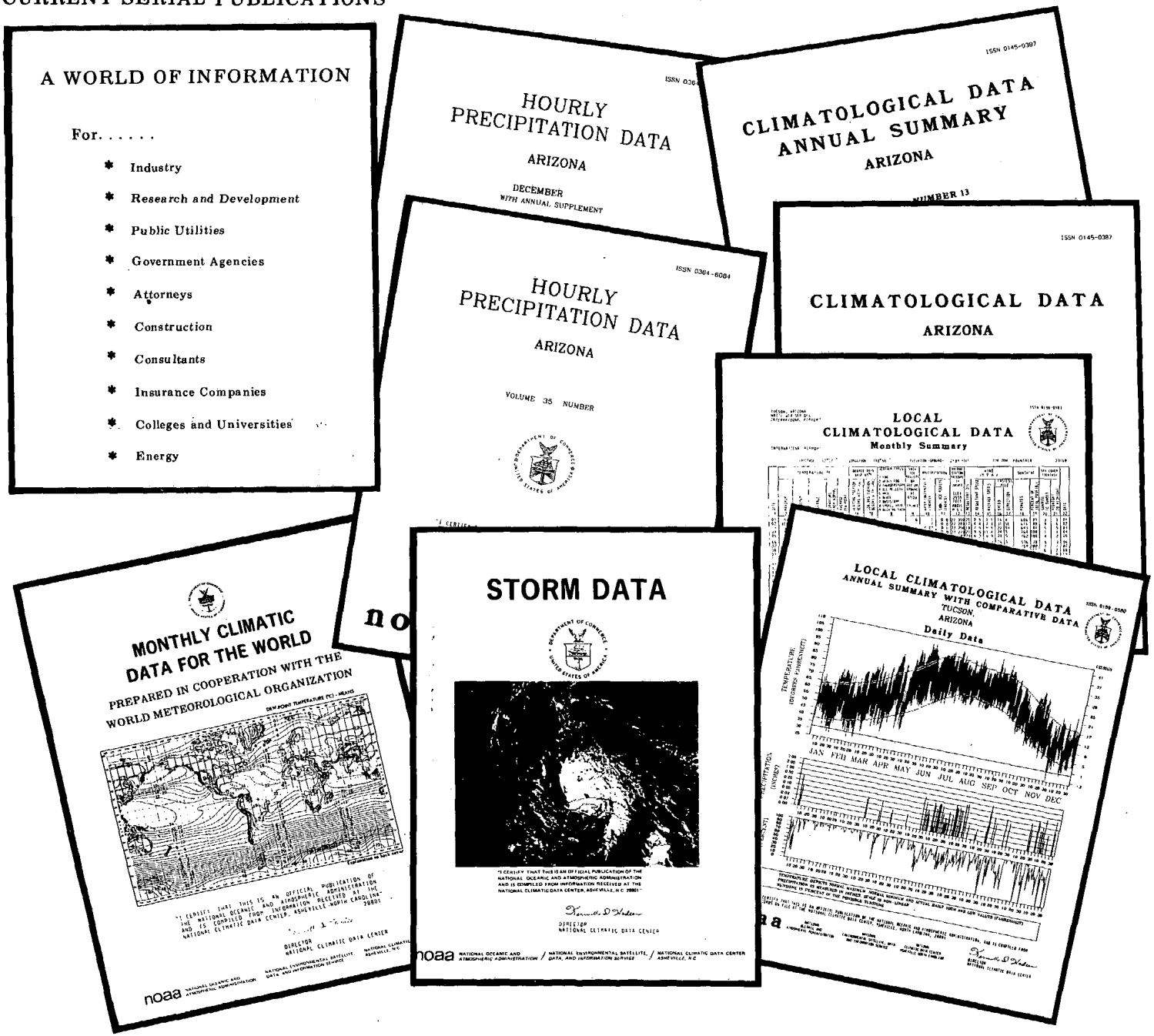

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