

ACON MD / DE
OCTOBER 1999 TEMPERATURES

| OBSERVER | COUNTY/STATE | STATION | AVERAGE TEMP | | | EXTREME TEMP | | | | DAYS WITH TEMP | | | | PEAK WIND | | | NUMBER OF DAYS WITH | | | | OBSER TIME |
|---|----------------|------------------------|--------------|------|------|--------------|-----|-----|-----|----------------|------|------|-----|-----------|-----|-----|---------------------|------|-------|-------|------------|
| | | | MAX | MIN | TEMP | MAX | DAY | MIN | DAY | MAX | MAX | MIN | MIN | GUST | DIR | DAY | THUN | HAIL | GLAZE | SLEET | |
| | | | | | | | | | | >=90 | <=32 | <=32 | <=0 | | | | | | | | |
| Baltimore NWS ASOS | Anne Arundel | BWI Airport | 65.5 | 42.3 | 53.9 | 79 | 3 | 34 | 28+ | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| Hanson, Dan | Anne Arundel | Millersville 1 SE | 65.0 | 41.4 | 53.2 | 78 | 3 | 33 | 28+ | 0 | 0 | 0 | 0 | 28 | NW | 14 | | | | | 2400 |
| Jug Bay Wetlands | Anne Arundel | Lothian | 68.2 | 42.6 | 55.4 | 82 | 4 | 32 | 28 | 0 | 0 | 1 | 0 | | | | | | | | 0900 |
| <i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i> | | | 66.2 | 42.1 | 54.2 | 82 | 4 | 32 | 28 | | | | | | | | | | | | |
| Kreinik, Al | Baltimore | Parkton 5 SW | 65.2 | 39.7 | 52.5 | 78 | 3 | 32 | 28+ | 0 | 0 | 4 | 0 | 39 | NE | 18 | 1 | 0 | 0 | 0 | 2200 |
| Sharrow, Marty | Baltimore | Owings Mills 2 SE | 63.7 | 41.0 | 52.4 | 77 | 3+ | 33 | 28+ | 0 | 0 | 0 | 0 | 33 | WNW | 18 | 1 | 0 | 0 | 0 | 2400 |
| <i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i> | | | 64.4 | 40.4 | 52.4 | 78 | 3 | 32 | 28+ | | | | | 39 | NE | 18 | | | | | |
| Manfre, Joe | Baltimore City | Baltimore 2 SE | 67.2 | 50.1 | 58.6 | 81 | 3 | 40 | 22 | 0 | 0 | 0 | 0 | | | | 2 | 0 | 0 | 0 | 1800 |
| Maryland Science Ctr | Baltimore City | Baltimore Inner Harbor | 65.7 | 50.2 | 57.9 | 78 | 3 | 41 | 25 | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| <i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i> | | | 66.5 | 50.1 | 58.3 | 81 | 3 | 40 | 22 | | | | | | | | | | | | |
| Close Jr, Herb | Carroll | Manchester 1 SW | 63.4 | 43.7 | 53.6 | 77 | 3 | 33 | 25 | 0 | 0 | 0 | 0 | 37 | | 18+ | 2 | 0 | 0 | 0 | 2100 |
| Hartsock, Ralph | Carroll | Westminster 4 SSE | 61.6 | 40.7 | 51.2 | 72 | 3 | 33 | 28+ | 0 | 0 | 0 | 0 | 42 | W | 4 | 1 | 0 | 0 | 0 | 2200 |
| Miller, Bobby | Carroll | Millers 4 NE | 64.2 | 42.4 | 53.3 | 75 | 31+ | 30 | 28 | 0 | 0 | 1 | 0 | 36 | NNW | 18 | 2 | 0 | 0 | 0 | 1800 |
| Muller, Ray | Carroll | Finksburg | | | | | | | | | | | | | | | | | | | |
| <i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i> | | | 63.1 | 42.3 | 52.7 | 77 | 3 | 30 | 28 | | | | | 42 | W | 4 | | | | | |
| Brumback, Marty | Charles | Bryans Head 2 ESE | 66.3 | 45.0 | 55.6 | 80 | 3 | 35 | 28 | 0 | 0 | 0 | 0 | 35 | | 14 | | | | | 0600 |
| Harvey, Rebecca | Garrett, MD | Eagle Rock | 62.0 | 37.1 | 49.5 | 79 | 31 | 28 | 28+ | 0 | 0 | 16 | 0 | | | | 2 | 1 | 0 | 0 | 0800 |
| Schlosser, Paul | Harford, MD | Kingsville 1 S | | | | | | | | | | | | | | | | | | | 2200 |
| Giannola, Rich | Howard, MD | Laurel JHU / APL | 65.2 | 43.5 | 54.3 | 79 | 3 | 36 | 28+ | 0 | 0 | 0 | 0 | | | | 1 | 0 | 0 | 0 | 2400 |
| Cohen, Rob | Montgomery | Potomac 4 N | 63.7 | 42.5 | 53.1 | 74 | 3 | 32 | 28 | 0 | 0 | 1 | 0 | | | | 1 | 0 | 0 | 0 | 2100 |
| Giannola, Rich | Montgomery | Olney | 65.9 | 42.6 | 54.3 | 79 | 3 | 33 | 25 | 0 | 0 | 0 | 0 | | | | 1 | 0 | 0 | 0 | 2400 |
| Rossen, Stan | Montgomery | Glenmont 1 NNE | | | | | | | | | | | | | | | | | | | 2400 |
| Rossen, Stan | Montgomery | Rockville Mont College | | | | | | | | | | | | | | | | | | | 2400 |
| Scafide, Tony | Montgomery | Bethesda | 64.4 | 45.4 | 54.9 | 76 | 3 | 37 | 28 | 0 | 0 | 0 | 0 | 26 | N | 18 | | | | | |
| Shaw, Kevin | Montgomery | Gaithersburg 2 WNW | 64.6 | 40.3 | 52.5 | 76 | 3 | 31 | 28 | 0 | 0 | 3 | 0 | | | | 1 | 0 | 0 | 0 | 2400 |
| Terry, Joe | Montgomery | Forest Glen | 67.4 | 44.0 | 55.7 | 81 | 3 | 34 | 25 | 0 | 0 | 0 | 0 | 23 | WSW | 13 | 1 | 0 | 0 | 0 | 2400 |
| Windolph, Raoul | Montgomery | Dawsonville | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | 2359 |
| Wash Gas Light | Montgomery | Rockville 1 NE | 65.1 | 44.5 | 54.8 | 77 | 3 | 37 | 30+ | 0 | 0 | 0 | 0 | | | | 1 | 0 | 0 | 0 | 2400 |
| <i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i> | | | 65.2 | 43.2 | 54.2 | 81 | 3 | 31 | 28 | | | | | 26 | N | 18 | | | | | |

ACON MD / DE
OCTOBER 1999 TEMPERATURES

| OBSERVER | COUNTY/STATE | STATION | AVERAGE TEMP | | | EXTREME TEMP | | | | DAYS WITH TEMP | | | | PEAK WIND | | | NUMBER OF DAYS WITH | | | | OBSER TIME |
|--|----------------|------------------|--------------|------|------|--------------|-----|-----|-----|----------------|-----|-----|-----|-----------|-----|-----|---------------------|------|-------|-------|---------------|
| | | | MAX | MIN | TEMP | MAX | DAY | MIN | DAY | MAX | MAX | MIN | MIN | GUST | DIR | DAY | THUN | HAIL | GLAZE | SLEET | |
| Canavan, Jim | New Castle | Wilmington 4 NNE | 63.4 | 44.1 | 53.7 | 77 | 3 | 34 | 15+ | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| Gallaher, Gary | New Castle | Bear 2 SW | 65.6 | 42.0 | 53.8 | 80 | 3 | 32 | 15 | 0 | 0 | 1 | 0 | 43 | NNW | 14 | 0 | 0 | 0 | 0 | 2400 |
| Wilmington NWS ASOS | New Castle | NCC Airport | 64.1 | 43.6 | 53.9 | 77 | 3 | 36 | 28+ | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| <i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i> | | | 64.4 | 43.3 | 53.8 | 80 | 3 | 32 | 15 | | | | | | | | | | | | |
| Hudelson, Bill | Prince Georges | South Bowie | 64.4 | 43.8 | 54.1 | 78 | 3 | 35 | 28 | 0 | 0 | 0 | 0 | 32 | NW | 18 | 1 | 0 | 0 | 0 | 2400 |
| Abell, Floyd | St Marys, MD | Hollywood | 68.3 | 46.5 | 57.4 | 81 | 3 | 34 | 24 | 0 | 0 | 0 | 0 | 34 | | 18 | 0 | 0 | 0 | 0 | 2359 |
| Bubb, Clinton | St Marys, MD | Morganza | 66.1 | 43.5 | 54.8 | 78 | 3 | 33 | 24 | 0 | 0 | 0 | 0 | 31 | NW | 14 | 0 | 0 | 0 | 0 | 2400 |
| Van Wie, Michael | St Marys, MD | Oraville | | | | | | | | | | | | | | | | | | | 2400 |
| Walchli, Marlene | St Marys, MD | California 3 NW | 67.4 | 46.8 | 57.1 | 79 | 3 | 36 | 28+ | 0 | 0 | 0 | 0 | | | | | | | | 2100 |
| Zyla, John | St Mary's, MD | Ridge | 67.6 | 51.0 | 59.3 | 82 | 3 | 40 | 25 | 0 | 0 | 0 | 0 | 28 | N | 14 | 1 | 0 | 0 | 0 | 2400 |
| <i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i> | | | 67.4 | 46.9 | 57.2 | 82 | | 33 | | | | | | | | | | | | | |
| Keefer, Greg | Washington, MD | Hagerstown 1 E | 66.7 | 41.2 | 54.0 | 79 | 31+ | 30 | 28 | 0 | 0 | 1 | 0 | 36 | NW | 14 | 2 | 0 | 0 | 0 | 2400 |
| Vaughn, Jim | Washington, MD | Smithsburg 3 NE | 63.4 | 42.5 | 52.9 | 73 | 3 | 32 | 28 | 0 | 0 | 1 | 0 | | | | 2 | 0 | 0 | 0 | 2000 |
| <i>WASHINGTON, MD AVERAGE/EXTREMES</i> | | | 65.0 | 41.8 | 53.4 | 79 | 31+ | 30 | 28 | | | | | | | | | | | | |
| Boggs, Kenny | Worcester, MD | Whaleysville | | | | | | | | | | | | | | | | | | | 0730 |
| Wash Dulles NWS ASOS | Loudon, VA | Dulles Airport | 65.6 | 40.5 | 53.1 | 78 | 3 | 32 | 28 | 0 | 0 | 1 | 0 | | | | | | | | 2400 |
| Wash National NWS | Arlington, VA | National Airport | 65.9 | 48.4 | 57.1 | 79 | 3 | 39 | 25+ | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| Papa, Brian | Washington DC | DuPont Circle NW | 66.9 | 51.2 | 59.0 | 81 | 3 | 42 | 25+ | 0 | 0 | 0 | 0 | | | | | | | | 2400 |
| Rickell, Robert | York, PA | Hanover 2 S | 62.1 | 39.7 | 50.9 | 74 | 3 | 30 | 28 | 0 | 0 | 2 | 0 | | | | 2 | 0 | 0 | 0 | 2100 |

ACON MD / DE
OCTOBER 1999 PRECIPITATION

| OBSERVER | COUNTY/STATE | STATION | PRECIPITATION | | | | | SNOWFALL | | | | | BAROMETER | | OBSER TIME | | |
|---|----------------|------------------------|---------------|-------------|------|-------------|-----------|----------|-------|-------------|------|-------------|-------------|--------|------------|-------|------|
| | | | TOTAL | MAX CAL DAY | DATE | DAYS >=.01" | DAYS >=1" | YEAR | TOTAL | MAX CAL DAY | DATE | DAYS >=0.1" | DAYS >=1.0" | SEASON | | MAX | MIN |
| Baltimore NWS ASOS | Anne Arundel | BWI Airport | 2.48 | 0.79 | 10 | 8 | 0 | 39.02 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| Hanson, Dan | Anne Arundel | Millersville 1 SE | 2.31 | 0.79 | 10 | 11 | 0 | 36.72M | 0.0 | 0.0 | | 0 | 0 | 0.0 | 30.43 | 29.50 | 2400 |
| Jug Bay Wetlands | Anne Arundel | Lothian | 3.28 | 0.60 | 21 | 23 | 0 | 45.97 | - | 0.0 | | 0 | 0 | 0.0 | | | 0900 |
| <i>ANNE ARUNDEL COUNTY, MD AVERAGE/EXTREMES</i> | | | 2.69 | 0.79 | | | | 40.68 | 0.0 | 0.0 | | | | 0.0 | | | |
| Kreinik, Al | Baltimore | Parkton 5 SW | 3.06 | 1.09 | 10 | 7 | 1 | 42.64 | 0.0 | 0.0 | | 0 | 0 | 0.0 | 30.49 | 29.60 | 2200 |
| Sharrow, Marty | Baltimore | Owings Mills 2 SE | 4.35 | 1.52 | 4 | 9 | 2 | 46.29 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| <i>BALTIMORE COUNTY, MD AVERAGES/EXTREMES</i> | | | 3.71 | 1.52 | 4 | | | 44.46 | 0.0 | 0.0 | | | | 0.0 | | | |
| Manfre, Joe | Baltimore City | Baltimore 2 SE | 3.41 | 0.94 | 4 | 10 | 0 | 38.35 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 1800 |
| Maryland Science Ctr | Baltimore City | Baltimore Inner Harbor | 3.04 | 1.04 | 4 | 8 | 1 | 43.35 | - | - | | - | - | - | | | 2400 |
| <i>BALTIMORE CITY, MD AVERAGES/EXTREMES</i> | | | 3.23 | 1.04 | 4 | | | 40.98 | | | | | | | | | |
| Close Jr, Herb | Carroll | Manchester 1 SW | 3.10 | 1.52 | 10 | 8 | 2 | 41.63 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2100 |
| Hartsock, Ralph | Carroll | Westminster 4 SSE | 3.18 | 1.46 | 10 | 7 | 1 | 38.28 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2200 |
| Miller, Bobby | Carroll | Millers 4 NE | 2.79 | 1.40 | 10 | 9 | 1 | 40.43 | 0.0 | 0.0 | | 0 | 0 | 0.0 | 30.51 | 29.56 | 1800 |
| Muller, Ray | Carroll | Finksburg | | | | | | 19.92M | | | | | | 0.0 | | | 0700 |
| <i>CARROLL COUNTRY, MD AVERAGES/EXTREMES</i> | | | 3.02 | 1.52 | 10 | | | 39.93 | 0.0 | 0.0 | | | | 0.0 | | | |
| Brumback, Marty | Charles, MD | Bryans Head 2 ESE | 2.20 | 0.84 | 20 | 11 | 0 | 35.99 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2000 |
| Harvey, Rebecca | Garrett, MD | Eagle Rock | 3.05 | 1.22 | 10 | 8 | 1 | 43.89 | 2.0 | 2.0 | 24 | 1 | 1 | 0.0 | | | 0800 |
| Schlosser, Paul | Harford, MD | Kingsville 1 S | | | | | | 9.90M | | | | | | | | | 2200 |
| Giannola, Rich | Howard | Laurel JHU / APL | 3.48 | 1.10 | 3 | 10 | 1 | 39.14 | 0.0 | 0.0 | | 0 | 0 | 0.0 | 30.49 | 29.55 | 2400 |
| Cohen, Rob | Montgomery | Potomac 4 N | 3.13 | 0.85 | 10 | 10 | 0 | 39.67 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2100 |
| Giannola, Rich | Montgomery | Olney | 2.95 | 0.94 | 9-10 | 6 | 0 | 39.18 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| Rossen, Stan | Montgomery | Glenmont 1 NNE | | | | | | 37.08M | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| Rossen, Stan | Montgomery | Rockville Mont College | | | | | | 34.28M | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| Scafide, Tony | Montgomery | Bethesda | 2.45 | 0.88 | 4 | 10 | 0 | 2.45M | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | |
| Shaw, Kevin | Montgomery | Gaithersburg 2 WNW | 2.91 | 0.86 | 10 | 7 | 0 | 42.60 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| Terry, Joe | Montgomery | Forest Glen | 2.96 | 1.11 | 4 | 8 | 1 | 38.96 | 0.0 | 0.0 | | 0 | 0 | 0.0 | 30.47 | 29.52 | 2400 |
| Windolph, Raoul | Montgomery | Dawsonville | | | | | | 32.67M | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2359 |
| Wash Gas Light | Montgomery | Rockville 1 NE | 2.94 | 0.93 | 4 | 8 | 0 | 36.35 | 0.0 | 0.0 | | 0 | 0 | 0.0 | | | 2400 |
| <i>MONTGOMERY COUNTY, MD AVERAGES/EXTREMES</i> | | | 2.89 | 1.11 | | | | 38.63 | 0.0 | 0.0 | | | | 0.0 | | | |

ACON MD / DE
OCTOBER 1999 PRECIPITATION

| OBSERVER | COUNTY/STATE | STATION | PRECIPITATION | | | | | SNOWFALL | | | | | BAROMETER | | OBSER TIME | |
|--|----------------|------------------|---------------|-------------------|------|----------------|--------------|----------|-------|-------------------|------|----------------|----------------|--------|---------------|------|
| | | | TOTAL | MAX CAL DAY | DATE | DAYS >=.01" | DAYS >=1" | YEAR | TOTAL | MAX CAL DAY | DATE | DAYS >=0.1" | DAYS >=1.0" | SEASON | | MAX |
| Canavan, Jim | New Castle | Wilmington 4 NNE | 3.58 | 1.10 | 10 | 9 | 1 | 50.67 | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2400 |
| Gallaher, Gary | New Castle | Bear 2 SW | 3.53 | 0.99 | 10 | 9 | 0 | 42.27 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.52 | 29.55 | 2400 |
| Wilmington NWS ASOS | New Castle | NCC Airport | 3.44 | 1.24 | 10 | 10 | 1 | 42.73 | - | - | - | - | | | | 2400 |
| <i>NEW CASTLE COUNTY, DE AVERAGES/EXTREMES</i> | | | 3.52 | 1.24 | 10 | | | 45.18 | 0.0 | 0.0 | | | 0.0 | | | |
| Hudelson, Bill | Prince Georges | South Bowie | 2.66 | 0.88 | 10 | 9 | 0 | 43.07 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.51 | 29.56 | 2400 |
| Abell, Floyd | St Marys, MD | Hollywood | 3.43 | 1.06 | 20 | 9 | 1 | 43.39 | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2359 |
| Bubb, Clinton | St Marys, MD | Morganza | 3.09 | 1.06 | 20 | 9 | 1 | 38.22 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.49 | 29.52 | 2400 |
| Van Wie, Michael | St Marys, MD | Oraville | | | | | | 8.71M | | | | | | | | |
| Walchli, Marlene | St Marys, MD | California | 3.17 | 1.13 | 20 | 7 | 2 | 43.39 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.46 | 29.52 | 2100 |
| Zyla, John | St Mary's, MD | Ridge | 3.08 | 1.28 | 17 | 8 | 2 | 41.07 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.45 | 29.52 | 2400 |
| <i>ST MARY'S COUNTY, MD AVERAGE/EXTREMES</i> | | | 3.19 | 1.28 | 17 | | | 40.84 | 0.0 | 0.0 | | | 0.0 | | | |
| Keefer, Greg | Washington, MD | Hagerstown 1 E | 2.77 | 1.23 | 4 | 7 | 2 | 37.41 | 0.0 | 0.0 | 0 | 0 | 0.0 | 30.49 | 29.50 | 2400 |
| Vaughn, Jim | Washington, MD | Smithsburg 3 NE | 2.79 | 1.16 | 10 | 7 | 1 | 35.65 | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2000 |
| <i>WASHINGTON COUNTY, MD AVERAGE/EXTREMES</i> | | | 2.78 | 1.23 | 4 | | | 36.55 | 0.0 | 0.0 | | | 0.0 | | | |
| Boggs, Kenny | Worcester, MD | Whaleysville | | | | | | 21.88M | | | | | | | | 0730 |
| Wash Dulles NWS ASOS | Loudon, VA | Dulles Airport | 2.56 | 0.81 | 4 | 9 | 0 | 39.22 | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2400 |
| Wash National NWS | Arlington, VA | National Airport | 2.16 | 0.73 | 10 | 8 | 0 | 35.92 | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2400 |
| Papa, Brian | Washington DC | DuPont Circle NW | 2.19 | 0.78 | 10 | 6 | 0 | 20.64M | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2400 |
| Rickell, Robert | York, PA | Hanover 2 S, PA | 2.51 | 1.16 | 10 | 9 | 1 | 30.80M | 0.0 | 0.0 | 0 | 0 | 0.0 | | | 2100 |

Data not submitted for every category

M = Missing data

"+" = Also occurred on an earlier date(s)

> = Included in following days data.

Compiled by Gary Gallaher

11/16/1999