



<http://www.jhuapl.edu/weather/education/ACONdata.html>

ATLANTIC COAST OBSERVER NETWORK, MD / DE / DC CHAPTER WITH DATA FROM NEARBY AREAS

EARLY MONTH SUMMER-LIKE CONDITIONS FOLLOWED BY PLEASANT CONDITIONS

September temperatures averaged close to the positive side of normal. Precipitation for the region averaged near normal. The heaviest amounts generally fell east of the I-95 corridor, and in the counties along the PA line. The driest areas was west of the I-95 corridor from Baltimore southwards into Montgomery County.

The hottest day at a majority stations was the 1st. Temperatures rose to the upper 80's to lower 90's. NWS Washington Reagan National Airport temperature rose to 95°. This was the 29th day this year with max temp of 95 or greater. It set an all-time station record.

The first eight days were warm and humid. Maximum temperatures were around the 90° mark while minimum temperatures were in the upper 60's to mid 70's. **Joe Manfre's** urban **Baltimore 2 SE** station minimum temperature failed to fall below 80° on the 5th. Showers were numerous during this period. Most daily amounts were less than a third of an inch but there were some 1" plus amounts. Below are the greatest daily amounts:

- 3.82" / 2nd Roy Lamberton, Seaford DE
- 2.34" / 3rd Gary Gallaher, Bear 2 SW DE
- 2.33" / 3rd David Legates, Middletown 6N DE
- 2.36" / 2nd Georgetown DE REC, DEOS
- 2.19" / 3rd Bobby Miller, Millers 4 NE
- 2.13" / 5th Dan Hanson, Pasadena 2N

A cold front accompanied by strong to severe thunderstorms ushered in cooler weather as it moved eastwards on the 8th. **Alexander McGinnis** of **Rockville 2 W** called it the "End of Summer Front". **Greg Keefer** of **Hagerstown 1 E** reported that he was under a tornado warning but none were reported. He reported some limbs down as a result of winds upwards of 47 MPH. **Marty Brumback** of **Bryans Road 2 ESE** reported a 22° temperature drop in 50 minutes while **Joe Terry** of **Forest Glen** reported a 21° temperature drop in 10 minutes. **Brian Smith** of **Oxon Hill** reported a couple of large limbs down. A waterspout was observed near Cape St. Claire, MD.

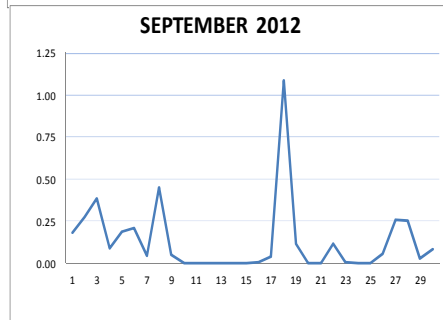
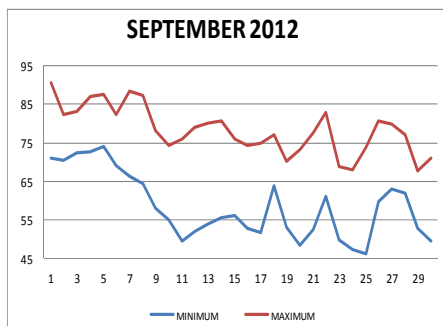
Pleasant early fall temperatures and dry conditions occurred from the 9th to the 17th. Temperatures on the 11th fell into the 40's for the first time since early June.

More strong thunderstorms occurred on the 18th. Nearly half of the stations reported rainfall amounts greater than one inch. The heaviest amounts are listed below:

- Greg Keefer** of **Hagerstown 1 E** 2.19"
- Herb Close** of **Manchester 1 SW** 1.93"
- Mac Hutto** of **Smithsburg 1.5 SW** 1.86"
- Jim Vaughn** of **Smithsburg 3 NE** 1.80"
- John Zyla** of **Ridge** 1.76"

Nice mostly clear, pleasant, dry days occurred from the 21st to the 25th. The only precipitation that fell during this period occurred in the evening of the 22nd, which was the first day of Autumn.

Warmer temperatures in the 70's



ACON MD/DE Network

Daily average temperatures and precipitation based on observation times, not calendar days.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Baltimore 2 SE 96

Jug Bay Wetlands 94

MINIMUM TEMPERATURE

Davis 3 SE WV 35

Frostburg 38

Smithsburg 1.5 SW 38

WARMEST AVG. TEMP.

Baltimore 2 SE 74.5

Ridge 71.8

COLDEST AVG. TEMP.

Davis 3 SE WV 58.1

Frostburg 61.5

Emmitsburg 2 SE 64.8

MAXIMUM PRECIPITATION

Seaford DE 8.00

Emmitsburg 2 SE 6.41

MINIMUM PRECIPITATION

Baltimore 2 SE 1.58

Sterling 4 N VA 2.06

& 80's returned for the 26th to the 28th. Rain and showers occurred from the 26th to the 28th and on the 30th. The only one inch plus daily amounts were reported by **Mac Hutto** of **Smithsburg 1.5 SW**, 1.38", and 1.08" by **Jim Vaughn** of **Smithsburg 3 NE**.

Snowfall Measurements

Snowfall season has arrived again. Please review the guidelines included in the October 2011 ACON Report. Remember to use a snowboard and avoid taking measurements on decks attached to buildings as they can inflate totals due to air movements around buildings.

OBSERVER COMMENTS FOR SEPTEMBER 2012

Gary Gallaher of Bear 2 SW, DE

Temperatures slightly below normal while precipitation was above normal. First seven days warm and humid.

3rd - 2.34" from showers and thunderstorms.

21st to 25th - Five nice clear pleasant days.

Greg Latta of Frostburg

4th - Fog with visibility less than 1/2 mile at observation time.

Jeff Stoudt of Laurel 2 E

September began very warm and muggy with a few highs in the low 90's or upper 80's and a few lows in the 70's and then trended significantly cooler afterwards which is typical for September.

Ray Muller of Reisterstown

Near normal temperatures and slightly below normal precipitation.

Marty Sharrow of Owings Mills

Once again, temperatures were above normal; and although there was ample precipitation, the final tally was somewhat lower than the previous month.

18th - Overcast with periods of heavy rain, humid.

20th - Sunshine and pleasant.

Joe Manfre of Baltimore 2 SE

A dry month. First nine days were warm to hot and humid.

Ralph Hartsock of Westminster 4 SSE

3rd - "Tropical" day. Partly cloudy & hot with scattered storms.

9th - Sunny & cooler - Fall Preview.

18th - Rain, storms, flooding, and windy.

21st - Sunny and warm.

Bobby Miller of Millers 4 NE

2nd - Heavy rain after obs. time, 1.95".

Marty Brumback of Bryans Road 2 ESE

While the drought lessened in September, the effects are still evident and continuing. ET gage readings discontinued as of Sept 30th and will begin again in April 2013.

8th - Heavy thunderstorm 1620-1705 hours FROPA temperature dropped 22° from 1610 to 1700 hours.

18th - High wind and heavy showers intermittently in the afternoon, no lightning.

Eric Glass of Emmitsburg 2 SE

11th - Low ground fog at obs. time.

Rob Cohen of Potomac 4 N

A rather dull, but pleasant September that pretty much followed the normal curve of temperatures. Still, I averaged 0.6 deg above normal. Rain was about 1.5" below normal with only 2 unimpressive thunderstorms.

Rich Giannola of Olney 1 S

8th - RATS in late afternoon followed by -RASH.

18th - +RASH with gusty winds ~3:15PM followed by -RASH. 1.08" between 6 AM & 7 PM.

Richard Holden of Clarksburg 2 ENE

Five days with thunder: 4th, 8th, 18th, 27th, & 30th.

Precipitation 2.26" below normal.

Alexander McGinnis of Rockville 2 W

8th - AM Min 72°; 'End of Summer' front led by ++RASH 3:40-3:55PM (0.73"), winds gust ~40-50mph.

Stan Rossen of Glenmont 1 NNE

Daily maximum temperatures ranged from 93° on the 7th to 69° on the 29th. Daily minimum temperatures ranged from 75° on the 5th to 44° on the 25th.

Kevin Shaw of Gaithersburg 2 WNW

September was a bit warmer and drier than normal. 80% of the months rain fell after the 18th.

4th to 6th - Record high minimum temperatures set each day: 72°, 74°, & 71°.

Joe Terry of Forest Glen

Average maximum temperatures were a little above normal but the average minimum temperatures were slightly below normal. As with most months in 2012 September was drier than normal but amounts were distributed rather uniformly.

8th - Strong cold FROPA around 1600 was responsible for a t'strm that produced the highest September wind gust on record, 48 MPH, very heavy rain (up to 0.39" in 5 minutes), and a 21° temperature drop in only 10 minutes.

Brian Smith of Oxon Hill

8th - Severe +TSRA late afternoon. A couple large tree limbs down.

John Zyla of Ridge

Only two thunderstorms and two days above 90° this month. Rainfall nearly an inch below average. Enjoyed the pleasant weather and have had our windows open for the last 3 weeks.

18th - Cloudy skies, Rain 12:50-2:45pm = 0.48", than 5:25-6:15pm=1.25" with heavy rain, than at 7:10pm=0.03" for a daily total of 1.76".

Max Hutto of Smithsburg 1.5 SW

8th - Partly sunny, Very warm, PM nearby t/storm (0.46"), Falling temps following storm, windy.

23rd - Mostly sunny, much cooler, breezy.

Greg Keefer of Hagerstown 1 E

4th - Mostly cloudy & humid. Thunderstorms in area just to the W & NW but only 0.01" fell here.

8th - Tornado warning: Severe thunderstorm moved through 12:40 to 1:15 PM with black ominous skies, heavy downpours, and with over 1/2" falling in 20 minutes. Strong winds gusted to 47 MPH. Lots of tree limbs down near this station.. Another line of severe storms passed later in the afternoon but moved S & E of the town. It does not appear that a tornado touched down anywhere.

Jim Vaughn of Smithsburg 2 NE

September was cooler and wetter than average. Winds again were lower average.

Compiled by Gary Gallaher, MD/DE ACON Data Collector and Report Writer, from data received from dedicated observers. Without your observations each month this report will not be possible.

**ACON MD / DE / DC
SEPTEMBER 2012 SUMMARY**

| OBSERVER | STATION COUNTY, STATE | TEMPERATURE | | | | | | | | | PEAK WIND | | | PRECIPITATION | | | | | SNOWFALL | | | | OBS TIME **** | |
|---------------------------------|--------------------------|-------------|------------|------|-----|-----|-----|-----|-------------|-------------|-------------|------|-----|---------------|-------------|------------|------|--------------|----------------|--------------|-------|------------|---------------------|------|
| | | AVG MAX | AVG MIN | MEAN | MAX | DAY | MIN | DAY | MAX >=90 | MAX <=32 | MIN <=32 | GUST | DIR | DAY | TOTAL | MAX DAY | DATE | YEAR | DAYS >=.01" | DAYS >=1" | TOTAL | MAX DAY | | DATE |
| <i>New Castle, Delaware</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Gallaher, Gary | Bear 2 SW | 77.5 | 56.8 | 67.2 | 91 | 1 | 43 | 25 | 1 | 0 | 0 | 43 | SW | 18 | 5.59 | 2.34 | 3 | 30.66 | 13 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Legates, David | Middletown 6 N | 78.1 | 57.6 | 67.9 | 90 | 1 | 45 | 24+ | 1 | 0 | 0 | 28 | | 18 | 5.47 | 2.33 | 3 | 30.34 | 14 | 2 | | | | 2400 |
| NWS Wilmington | New Castle Co. Apt. | 78.0 | 58.5 | 68.3 | 93 | 1 | 47 | 25 | 1 | 0 | 0 | 44 | SSW | 18 | 5.29 | 2.26 | 3 | 25.16 | 11 | 2 | 0.0 | 0.0 | 0.0 | 2400 |
| UofDE AG FARM DEOS*** | Newark | 76.7 | 57.8 | 67.3 | 90 | 1 | 43 | 25 | 1 | 0 | 0 | 26 | | 18 | 4.50 | 1.48 | 3 | 27.19 | 13 | 1 | | | | 2400 |
| U of D REC DEOS*** | Townsend 4 W | 77.2 | 56.9 | 67.1 | 89 | 1 | 45 | 11+ | 0 | 0 | 0 | 31 | | 18 | 3.51 | 1.20 | 18 | 25.12 | 12 | 1 | | | | 2400 |
| <i>Sussex, Delaware</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Lamberton, Roy | Seaford | 81.6 | 57.8 | 69.7 | 93 | 1 | 44 | 11 | 4 | 0 | 0 | 43 | | 8 | 8.00 | 3.82 | 2 | <u>22.85</u> | 13 | 1 | | | | 2400 |
| NWS Georgetown | Sussex Co. Airport | 79.6 | 59.3 | 69.5 | 91 | 1 | 46 | 25 | 1 | 0 | 0 | 43 | SSW | 18 | 2.78 | 0.82 | 6 | 23.37 | 11 | 0 | | | | 2400 |
| U of D REC DEOS*** | Georgetown 5 SW | 77.6 | 57.1 | 67.4 | 89 | 1 | 43 | 24 | 0 | 0 | 0 | 28 | | 18 | <u>2.96</u> | 2.36 | 2 | <u>22.83</u> | 5 | 1 | | | | 2400 |
| U of D REC DEOS*** | Harbeson 8 S | 77.6 | 56.5 | 67.1 | 89 | 1 | 42 | 24+ | 0 | 0 | 0 | 25 | | 18 | 3.03 | 0.83 | 6 | 29.82 | 12 | 0 | | | | 2400 |
| U of D DEOS*** | Rehoboth Beach Bwk | 76.9 | 63.7 | 70.3 | 90 | 1 | 51 | 24 | 1 | 0 | 0 | 24 | | 8 | 2.96 | 1.12 | 6 | 29.25 | 12 | 1 | | | | 2400 |
| <i>Allegany, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Latta, Greg | Frostburg | 72.3 | 50.7 | 61.5 | 86 | 1 | 38 | 25+ | 0 | 0 | 0 | | | | 3.75 | 1.47 | 18 | 31.08 | 13 | 1 | 0.0 | 0.0 | 0.0 | 0700 |
| Mullins, Nate** | LaVale | | | | | | | | | | | | | | | | | | | | | | <u>0.0</u> | 2400 |
| <i>Anne Arundel, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanson, Dan | Pasadena 2 N | 79.0 | 58.1 | 68.6 | 93 | 1 | 47 | 20 | 2 | 0 | 0 | 35 | SSE | 18 | 5.44 | 2.13 | 5 | 26.78 | 18 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Jug Bay Wetlands | Lothian | 80.7 | 57.7 | 69.2 | 94 | 1 | 44 | 25 | 1 | 0 | 0 | 27 | | 18 | <u>3.10</u> | 0.92 | 18 | <u>26.43</u> | 13 | 0 | 0.0 | 0.0 | 0.0 | 2400 |
| NWS Baltimore | BWI Airport | 79.5 | 59.5 | 69.5 | 93 | 1 | 46 | 25 | 2 | 0 | 0 | 47 | W | 18 | 2.21 | 0.60 | 18 | 24.68 | 12 | 0 | 0.0 | 0.0 | 0.0 | 2400 |
| Stoudt, Jeff | Laurel 2 E | 78.6 | 59.9 | 69.3 | 92 | 1 | 46 | 25 | 2 | 0 | 0 | | | | 2.37 | 1.01 | 18 | 25.80 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Baltimore, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Muller, Ray | Reisterstown | 77.0 | 59.8 | 68.4 | 88 | 1 | 48 | 24 | 0 | 0 | 0 | 36 | SSE | 18 | 3.66 | 0.97 | 18 | 28.00 | 11 | 0 | 0.0 | 0.0 | 0.0 | 2100 |
| Sharrow, Marty | Owings Mills 2 SE | 77.2 | 56.9 | 67.1 | 91 | 1 | 43 | 25 | 1 | 0 | 0 | | | | 3.34 | 1.57 | 18 | 30.29 | 9 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Baltimore City, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Manfre, Joe | Baltimore 2 SE | 82.6 | 66.3 | 74.5 | 96 | 1 | 55 | 25 | 5 | 0 | 0 | | | | 1.58 | 0.63 | 18 | <u>20.09</u> | 11 | 0 | 0.0 | 0.0 | 0.0 | 2400 |
| Maryland Science Ctr | Baltimore Inner Harbor | 82.4 | 66.2 | 74.3 | 95 | 1 | 55 | 25 | 5 | 0 | 0 | | | | 3.00 | 1.31 | 2 | 26.75 | 12 | 1 | | | | 2400 |
| <i>Carroll, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Close Jr, Herb | Manchester 1 SW | 76.6 | 57.4 | 67.0 | 90 | 1 | 45 | 25 | 2 | 0 | 0 | | | | 4.68 | 1.93 | 18 | 31.59 | 13 | 1 | 0.0 | 0.0 | 0.0 | 2300 |
| Hartsock, Ralph | Westminster 4 SSE | 78.8 | 57.6 | 68.2 | 93 | 1 | 43 | 25 | 5 | 0 | 0 | 37 | SSE | 18 | 3.43 | 1.39 | 18 | 31.68 | 10 | 1 | 0.0 | 0.0 | 0.0 | 1900 |
| Miller, Bobby | Millers 4 NE | 76.1 | 55.8 | 66.0 | 89 | 7 | 42 | 20 | 0 | 0 | 0 | 34 | SW | 18 | 5.25 | 2.19 | 3 | 34.85 | 11 | 2 | 0.0 | 0.0 | 0.0 | 1800 |
| <i>Charles, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Brumback, Marty | Bryans Road 2 ESE | 80.2 | 58.5 | 69.4 | 93 | 1 | 47 | 20+ | 3 | 0 | 0 | 41 | SSE | 18 | 3.23 | 0.90 | 18 | 21.18 | 12 | 0 | 0.0 | 0.0 | 0.0 | 2359 |
| <i>Frederick, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Glass, Eric | Emmitsburg 2 SE | 75.9 | 53.6 | 64.8 | 89 | 1 | 42 | 25+ | 0 | 0 | 0 | | | | 6.41 | 3.55 | 19 | 32.74 | 10 | 1 | 0.0 | 0.0 | 0.0 | 0700 |
| <i>Howard, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Giannola, Rich | Laurel JHU / APL | | | | | | | | | | | | | | | | | <u>1.83</u> | | | | | | 2400 |

**ACON MD / DE / DC
SEPTEMBER 2012 SUMMARY**

| OBSERVER | STATION COUNTY, STATE | TEMPERATURE | | | | | | | | | PEAK WIND | | | PRECIPITATION | | | | | SNOWFALL | | | OBS TIME **** | | |
|---------------------------------|--------------------------|-------------|-------------|-------------|-----|-----|-----|-----|-------------|-------------|-------------|------|-----|---------------|-------------|------------|-------|--------------|----------------|--------------|-------|---------------------|------------|-----------|
| | | AVG MAX | AVG MIN | MEAN | MAX | DAY | MIN | DAY | MAX >=90 | MAX <=32 | MIN <=32 | GUST | DIR | DAY | TOTAL | MAX DAY | DATE | YEAR | DAYS >=.01" | DAYS >=1" | TOTAL | | MAX DAY | DATE |
| <i>Montgomery, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Berger, Ron | Norbeck 1 SE | 77.6 | 57.5 | 67.6 | 89 | 1+ | 43 | 25 | 0 | 0 | 0 | | | | 2.67 | 1.17 | 18 | 28.25 | 12 | 1 | 0.0 | 0.0 | 0.0 | 2200 |
| Cohen, Rob | Potomac 4 N | 78.0 | 58.8 | 68.4 | 90 | 5 | 44 | 25 | 2 | 0 | 0 | | | | 2.57 | 1.15 | 18 | 28.97 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2100 |
| Giannola, Rich | Olney 1 S | 78.5 | 58.2 | 68.4 | 91 | 7 | 46 | 20+ | 2 | 0 | 0 | | | | 2.76 | 1.31 | 18 | 27.43 | 10 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Holden, Richard | Clarksburg 2 ENE | 76.8 | 57.3 | 67.1 | 89 | 7 | 46 | 24+ | 0 | 0 | 0 | 40 | S | 18 | 2.75 | 1.37 | 18 | 32.51 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| McGinnis, Alex | Rockville 2 W | 76.1 | 58.7 | 67.4 | 88 | 7 | 47 | 25 | 0 | 0 | 0 | | | | 3.06 | 1.30 | 18 | 30.60 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Rossen, Stan | Glenmont 1 NNE | | | | 93 | 7 | 44 | 25 | | | | 21 | | 18 | 2.61 | 0.91 | 18 | 15.15 | | | 0.0 | 0.0 | 0.0 | 2400 |
| Scafide, Tony | Bethesda | 77.3 | 58.7 | 68.0 | 90 | 7 | 47 | 25 | 1 | 0 | 0 | 28 | | 18 | 2.34 | 0.80 | 18 | 22.07 | 14 | 0 | | | | 2400 |
| Shaw, Kevin | Gaithersburg 2 WNW | 77.1 | 57.9 | 67.5 | 88 | 1+ | 44 | 25 | 0 | 0 | 0 | 25 | E | 18 | 2.66 | 1.10 | 18 | 28.26 | 7 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Terry, Joe | Forest Glen | 81.4 | 57.9 | 69.7 | 92 | 1+ | 46 | 20+ | 4 | 0 | 0 | 48 | SW | 8 | 3.30 | 1.01 | 18 | 26.43 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Prince Georges, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Smith, Brian | Oxon Hill | 79.5 | 59.8 | 69.7 | 92 | 1 | 49 | 20+ | 2 | 0 | 0 | | | | 4.68 | 1.32 | 18 | 25.52 | 9 | 2 | 0.0 | 0.0 | 0.0 | 2300 |
| <i>St. Marys, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Gleason, Wes | Hollywood 3 ENE | 78.7 | 63.2 | 71.0 | 90 | 1 | 54 | 24 | 1 | 0 | 0 | | | | 3.10 | 1.61 | 7 | 24.17 | 9 | 1 | 0.0 | 0.0 | 0.0 | 2400/0700 |
| Zyla, John | Ridge | 80.2 | 63.3 | 71.8 | 90 | 1+ | 54 | 24 | 2 | 0 | 0 | 22 | NE | 15 | 4.34 | 1.76 | 18 | 32.79 | 9 | 2 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Washington, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Hutto, Max | Smithsburg 1.5 SW | 76.0 | 54.0 | 65.0 | 88 | 1+ | 38 | 25 | 0 | 0 | 0 | 28 | | 18+ | 4.51 | 1.86 | 18 | 38.11 | 11 | 2 | 0.0 | 0.0 | 0.0 | 2400 |
| Keefer, Greg | Hagerstown 1 E | 77.0 | 55.5 | 66.3 | 90 | 5+ | 40 | 25 | 2 | 0 | 0 | 47 | SW | 8 | 4.06 | 2.09 | 18 | 34.56 | 9 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Vaughn, Jim | Smithsburg 3 NE | 76.4 | 56.2 | 66.3 | 92 | 1 | 43 | 24 | 3 | 0 | 0 | 60 | N | 1 | 5.08 | 1.80 | 18 | 34.15 | 9 | 3 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Wicomico, Maryland</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| NWS Salisbury | Wicomico Co. Apt | 81.0 | 59.4 | 70.2 | 90 | 1+ | 46 | 25 | 2 | 0 | 0 | 40 | S | 18 | 7.74 | 2.39 | 6 | 30.30 | 11 | 3 | | | | 2400 |
| <i>Arlington, Virginia</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| NWS Washington National | National Airport | 80.7 | 63.7 | 72.2 | 95 | 1 | 53 | 25 | 3 | 0 | 0 | 61 | SSW | 18 | 4.29 | 1.64 | 1 | 23.00 | 10 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Loudon, Virginia</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| NWS Washington Dulles | Dulles Airport | 79.8 | 56.4 | 68.1 | 92 | 1 | 45 | 25+ | 4 | 0 | 0 | 47 | NW | 8 | 2.71 | 1.17 | 18 | 22.76 | 11 | 1 | 0.0 | 0.0 | 0.0 | 2400 |
| Shaffer, Lance | Sterling 4 N | 79.3 | 59.8 | 69.6 | 91 | 7+ | 47 | 24+ | 5 | 0 | 0 | | | | 2.06 | 0.82 | 17-18 | <u>19.54</u> | 7 | 0 | 0.0 | 0.0 | 0.0 | 2400 |
| <i>Tucker, West Virginia</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Leshner, Dave | Davis 3 SE WV | 68.1 | 48.0 | 58.1 | 80 | 8 | 35 | 23+ | 0 | 0 | 0 | | | | 4.48 | 1.04 | 18 | 38.19 | 9 | 1 | 0.0 | 0.0 | 0.0 | 0700 |
| SECTION AVERAGE* | | 78.3 | 58.5 | 68.4 | | | | | | | | | | | 3.79 | | | 28.31 | | | | | | |

NOTES:

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

+ = FIRST OF SEVERAL OCCURANCES

WINTER TYPE PRECIPITATION FROM STATIONS WITH

TIPPING BUCKET RAIN GAUGE MAY SHOW UNDER CATCH.

ALSO AMOUNTS CAUGHT MAY BE NOTED IN THE FOLLOWING

DAYS AS IT MELTS.

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

**OBSERVER FOR LAVALLE IS SCOTT LOHR. DATA COMPILED BY NATE MULLINS.

*** DATA FROM DEOS (DELAWARE ENVIROMENTAL OBSERVING SYSTEM) PERMISSION GRANTED FOR USE OF DATA

**** REC= UNIVERSITY OF DELAWARE RESEARCH AND EDUCATION CENTER

***** DUAL TIME IN OBS TIME COLUMN = TEMPERATURE/PRECIPITATION

National Weather Service station data listed herein is preliminary and may be subject to change. The data has not been certified and cannot be used in legal actions.

Only reports certified by the National Climatic Data Center in Asheville, NC may be used for these purposes.

Accuracy of Data from ACON Observers not guaranteed.

GARY GALLAHER 11/09/12

**ACON MD / DE / DC
SEPTEMBER 2012 DAILY TEMPERATURES**

| STATION | 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 | AVG | OBS TIME | |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|-------------|-------------|
| BEAR 2 SW, DE GALLAHER | 91 67 | 78 70 | 79 71 | 87 72 | 86 70 | 80 68 | 87 65 | 86 66 | 78 60 | 74 52 | 76 46 | 79 50 | 79 52 | 80 53 | 75 53 | 75 50 | 76 46 | 79 67 | 70 50 | 73 45 | 77 49 | 83 57 | 68 47 | 68 45 | 73 43 | 79 61 | 76 63 | 78 64 | 65 53 | 70 48 | 77.5 56.8 | 2400 EDT | |
| MIDDLETOWN 6 N DE LEGATES | 90 69 | 79 72 | 80 82 | 88 72 | 88 73 | 81 69 | 88 65 | 87 66 | 87 60 | 78 54 | 74 48 | 80 50 | 80 53 | 81 54 | 75 55 | 75 52 | 78 48 | 79 67 | 70 51 | 73 48 | 77 50 | 84 58 | 68 47 | 68 45 | 74 60 | 81 64 | 76 62 | 78 65 | 65 71 | 70 49 | 78.1 57.6 | 2400 EDT | |
| WILMINGTON , DE NWS NEW CASTLE CO APT | 93 71 | 79 71 | 78 71 | 87 73 | 85 71 | 80 68 | 86 66 | 87 66 | 80 59 | 75 53 | 77 49 | 78 52 | 81 55 | 77 55 | 75 53 | 76 50 | 80 68 | 72 52 | 73 48 | 77 51 | 84 60 | 69 49 | 68 48 | 74 47 | 81 62 | 78 63 | 78 63 | 64 54 | 71 50 | 78.0 58.5 | 2400 EST | | |
| NEWARK AG FARM, DE U OF DE DEOS | 90 71 | 78 70 | 77 70 | 86 72 | 84 70 | 80 69 | 86 66 | 85 66 | 77 60 | 73 54 | 75 48 | 79 50 | 79 53 | 79 54 | 75 55 | 73 53 | 76 48 | 78 67 | 69 52 | 72 48 | 76 50 | 82 59 | 67 50 | 67 47 | 73 43 | 78 61 | 75 64 | 78 63 | 64 50 | 70 50 | 76.7 57.8 | 2400 EDT | |
| TOWNSEND 4 W, DE U of D REC DEOS | 89 70 | 80 69 | 80 71 | 87 72 | 87 73 | 78 67 | 88 64 | 86 64 | 86 58 | 77 53 | 72 45 | 75 49 | 80 52 | 80 53 | 74 52 | 74 50 | 77 46 | 79 66 | 69 50 | 72 47 | 77 83 | 67 67 | 67 67 | 74 81 | 81 77 | 76 63 | 76 63 | 63 55 | 70 48 | 77.2 56.9 | 2400 EDT | | |
| LAMBERTON, ROY SEAFORD | 93 72 | 85 69 | 84 71 | 90 75 | 88 76 | 76 64 | 91 60 | 90 63 | 84 62 | 79 57 | 80 44 | 83 52 | 78 54 | 85 57 | 80 58 | 75 53 | 80 54 | 81 46 | 78 46 | 76 50 | 84 61 | 84 61 | 76 52 | 75 46 | 77 47 | 83 64 | 87 62 | 81 62 | 68 58 | 77 56 | 81.6 57.8 | 2400 EDT | |
| GEORGETOWN, DE NWS SUSSEX CO APT | 91 75 | 87 70 | 85 73 | 89 77 | 87 64 | 77 62 | 87 66 | 88 66 | 79 61 | 76 58 | 76 51 | 78 52 | 81 53 | 81 55 | 77 55 | 76 52 | 83 69 | 73 56 | 74 52 | 78 60 | 84 71 | 84 47 | 74 46 | 84 46 | 75 47 | 83 66 | 83 63 | 82 63 | 67 51 | 73 51 | 79.6 59.3 | 2400 EST | |
| GEORGETOWN, DE U of D REC DEOS | 89 71 | 83 68 | 84 71 | 87 75 | 85 74 | 75 63 | 86 60 | 85 64 | 76 59 | 73 54 | 75 48 | 78 49 | 80 50 | 81 54 | 74 53 | 73 49 | 82 51 | 72 67 | 73 52 | 82 49 | 82 50 | 68 47 | 68 43 | 72 45 | 82 62 | 81 63 | 82 63 | 81 53 | 66 48 | 71 48 | 77.6 57.1 | 2400 EDT | |
| HARBESON 8 S, DE U of D REC DEOS | 89 70 | 83 68 | 84 71 | 88 74 | 86 74 | 75 63 | 86 60 | 86 65 | 76 60 | 74 55 | 73 46 | 76 48 | 76 49 | 79 52 | 74 52 | 76 49 | 81 67 | 70 51 | 72 48 | 74 49 | 84 55 | 69 47 | 69 42 | 75 42 | 83 61 | 80 63 | 82 64 | 65 52 | 72 47 | 77.6 56.5 | 2400 EDT | | |
| REHOBOTH BEACH BWK U of D DEOS | 90 76 | 80 73 | 81 74 | 87 76 | 87 67 | 76 66 | 82 67 | 87 65 | 77 61 | 74 62 | 73 58 | 74 59 | 75 61 | 74 65 | 76 65 | 75 57 | 81 59 | 70 63 | 70 60 | 71 59 | 85 67 | 69 56 | 69 51 | 75 54 | 84 66 | 76 68 | 77 64 | 66 57 | 73 55 | 76.9 63.7 | 2400 EDT | | |
| FROSTBURG LATTA | 86 58 | 82 65 | 76 66 | 77 67 | 81 68 | 84 65 | 86 63 | 86 63 | 70 51 | 69 49 | 64 43 | 74 43 | 79 47 | 79 51 | 80 47 | 67 46 | 69 46 | 71 48 | 64 44 | 61 40 | 72 40 | 75 51 | 73 43 | 58 41 | 60 38 | 69 38 | 70 58 | 69 56 | 60 43 | 57 42 | 72.3 50.7 | 0700 EDT | |
| LAVALLE MULLINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2400 EDT |
| PASADENA 2 N HANSON | 93 70 | 81 70 | 83 73 | 88 73 | 90 72 | 80 69 | 87 67 | 88 65 | 80 57 | 76 54 | 78 49 | 79 51 | 80 53 | 82 55 | 76 54 | 77 51 | 74 51 | 79 67 | 71 51 | 73 47 | 77 51 | 84 62 | 68 48 | 69 48 | 75 48 | 83 60 | 80 63 | 79 62 | 69 54 | 73 48 | 79.0 58.1 | 2400 EDT | |
| LOTHIAN JUG BAY | 94 69 | 84 69 | 86 72 | 89 72 | 88 75 | 80 68 | 89 65 | 89 70 | M M | M M | M M | 80 55 | 80 52 | 84 52 | 78 50 | 77 52 | 75 67 | 79 50 | 73 46 | 75 49 | 79 61 | 85 46 | 72 45 | 71 44 | 77 54 | 85 59 | 85 62 | 82 61 | 72 52 | 75 47 | 80.7 57.7 | 2400 EDT | |
| BALTIMORE NWS BWI APT | 93 73 | 83 72 | 84 75 | 89 75 | 85 75 | 88 68 | 89 65 | 89 59 | 79 56 | 75 51 | 79 53 | 81 55 | 82 55 | 77 57 | 76 53 | 74 53 | 79 65 | 71 52 | 73 49 | 77 53 | 84 63 | 69 50 | 68 46 | 75 46 | 82 61 | 81 63 | 79 63 | 70 55 | 73 51 | 79.5 59.5 | 2400 EST | | |
| LAUREL 2 E STOUDT | 92 74 | 81 72 | 83 74 | 87 75 | 89 77 | 81 72 | 90 68 | 89 64 | 78 59 | 74 57 | 77 51 | 81 53 | 82 55 | 81 56 | 76 59 | 76 56 | 74 54 | 76 63 | 68 54 | 74 49 | 79 53 | 83 62 | 68 52 | 68 49 | 75 46 | 81 62 | 80 64 | 74 62 | 70 55 | 72 51 | 78.6 59.9 | 2400 EST | |
| REISTERSTOWN MULLER | 87 74 | 82 71 | 81 73 | 84 72 | 87 73 | 84 71 | 88 68 | 85 65 | 76 56 | 76 55 | 78 52 | 76 56 | 80 56 | 81 59 | 75 55 | 72 55 | 75 65 | 72 56 | 72 56 | 71 50 | 73 54 | 74 57 | 68 62 | 68 49 | 72 50 | 80 64 | 68 62 | 72 62 | 73 52 | 76 51 | 77.0 59.8 | 2100 EDT | |
| OWINGS MILLS 2SE SHARROW | 91 69 | 80 68 | 80 68 | 88 71 | 88 75 | 85 69 | 81 68 | 87 62 | 76 55 | 72 48 | 78 50 | 80 53 | 81 53 | 81 56 | 75 56 | 72 52 | 75 49 | 72 65 | 71 53 | 74 44 | 76 50 | 82 60 | 66 48 | 67 46 | 74 43 | 81 57 | 87 61 | 83 61 | 80 52 | 71 48 | 82.6 56.9 | 2400 EDT | |
| BALTIMORE 2SE MANFRE | 96 79 | 85 76 | 88 78 | 95 80 | 95 74 | 87 73 | 92 70 | 92 66 | 83 65 | 78 60 | 82 63 | 81 64 | 84 65 | 84 65 | 78 69 | 77 61 | 78 62 | 83 69 | 73 61 | 75 59 | 80 64 | 89 68 | 72 57 | 74 48 | 81 68 | 87 65 | 83 70 | 80 67 | 71 57 | 74 57 | 82.4 66.3 | 2400 EDT | |
| BALT INNER HARBOR MD SCIENCE CENTER | 95 80 | 85 76 | 87 78 | 94 78 | 86 74 | 91 73 | 93 70 | 83 66 | 78 64 | 82 59 | 82 62 | 83 64 | 86 65 | 86 65 | 79 63 | 78 62 | 82 69 | 73 61 | 76 58 | 79 62 | 88 68 | 71 57 | 72 58 | 80 55 | 86 65 | 82 65 | 81 60 | 71 57 | 76 57 | 82.4 66.2 | 2400 EST | | |
| MANCHESTER 1SW CLOSE | 90 68 | 81 69 | 82 71 | 84 69 | 83 71 | 82 66 | 90 67 | 84 60 | 76 53 | 72 52 | 75 52 | 79 56 | 80 56 | 82 57 | 73 55 | 74 51 | 76 55 | 71 65 | 68 52 | 72 51 | 77 53 | 83 60 | 65 49 | 64 46 | 72 45 | 77 57 | 74 61 | 76 58 | 65 48 | 70 48 | 76.6 57.4 | 2300 EDT | |
| WESTMINSTER 4 SSE HARTSOCK | 93 75 | 86 69 | 89 73 | 90 72 | 90 73 | 88 71 | 90 69 | 90 69 | 79 56 | 74 53 | 75 49 | 76 51 | 79 52 | 81 53 | 73 56 | 76 51 | 74 48 | 68 66 | 73 51 | 79 45 | 83 60 | 68 47 | 65 47 | 72 43 | 80 60 | 82 63 | 78 63 | 67 51 | 69 48 | 78.8 57.6 | 1900 EDT | | |
| MILLERS 4NE MILLER | 87 69 | 82 66 | 83 70 | 84 68 | 85 71 | 83 68 | 89 66 | 83 66 | 75 54 | 71 50 | 74 45 | 78 49 | 79 51 | 80 51 | 75 55 | 72 50 | 74 49 | 71 65 | 67 53 | 72 42 | 76 51 | 80 60 | 69 45 | 64 43 | 71 43 | 76 58 | 74 59 | 74 61 | 68 50 | 68 45 | 76.1 55.8 | 1800 EDT | |
| BRYANS ROAD 2 ESE BRUMBACK | 93 71 | 84 71 | 84 72 | 90 72 | 87 75 | 83 69 | 88 66 | 90 64 | 80 58 | 76 56 | 78 50 | 80 51 | 82 53 | 83 56 | 77 56 | 78 52 | 74 66 | 79 52 | 71 47 | 76 52 | 85 64 | 70 47 | 69 47 | 76 62 | 84 63 | 85 60 | 80 53 | 71 48 | 74 48 | 80.2 58.5 | 2359 EDT | | |
| EMMITSBURG 2 SE GLASS | 89 59 | 88 67 | 79 69 | 83 69 | 82 71 | 84 70 | 83 66 | 87 65 | 82 53 | 74 54 | 71 45 | 72 45 | 77 46 | 78 49 | 73 50 | 78 48 | 73 45 | 75 46 | 71 54 | 66 43 | 70 49 | 76 53 | 69 46 | 65 46 | 64 42 | 71 42 | 77 59 | 74 62 | 72 48 | 65 48 | 75.9 53.6 | 0700 EDT | |

ACON MD / DE / DC
SEPTEMBER 2012 DAILY TEMPERATURES

| STATION | 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 | AVG | OBS TIME | | |
|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|-------------|-------------|-------------|
| LAUREL JHU / APL GIANNOLA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2400 EDT |
| NORBECK 1 SE BERGER | 89 70 | 80 69 | 83 71 | 85 71 | 89 74 | 81 72 | 89 66 | 87 65 | 76 56 | 73 54 | 76 47 | 80 49 | 81 52 | 79 54 | 75 58 | 73 51 | 74 50 | 75 66 | 68 51 | 74 46 | 79 51 | 82 60 | 67 50 | 66 46 | 73 43 | 82 59 | 80 61 | 74 63 | 68 53 | 69 47 | 77.6 57.5 | 2200 EDT | | |
| POTOMAC 4N COHEN | 87 70 | 80 71 | 82 73 | 86 72 | 90 75 | 86 74 | 90 67 | 87 65 | 77 52 | 74 55 | 75 49 | 81 51 | 82 54 | 82 56 | 74 59 | 74 53 | 74 51 | 75 66 | 67 56 | 74 46 | 80 53 | 81 63 | 67 51 | 67 48 | 74 44 | 80 61 | 81 62 | 73 64 | 68 55 | 72 48 | 78.0 58.8 | 2100 EDT | | |
| OLNEY 1 S GIANNOLA | 90 70 | 80 70 | 82 72 | 85 71 | 89 74 | 85 72 | 91 67 | 87 64 | 79 55 | 76 53 | 77 49 | 82 52 | 82 55 | 80 57 | 79 53 | 72 52 | 73 66 | 76 53 | 69 46 | 75 54 | 80 62 | 82 49 | 68 46 | 68 47 | 74 60 | 80 62 | 80 61 | 76 52 | 68 48 | 71 48 | 78.5 58.2 | 2400 EDT | | |
| CLARKSBURG 2ENE HOLDEN | 88 71 | 78 69 | 83 70 | 84 69 | 88 72 | 83 68 | 89 66 | 86 59 | 77 55 | 72 51 | 75 49 | 80 55 | 79 56 | 80 58 | 74 56 | 71 54 | 74 59 | 74 54 | 67 47 | 73 55 | 81 59 | 65 47 | 65 46 | 72 46 | 79 58 | 78 61 | 74 57 | 74 50 | 67 48 | 70 48 | 76.8 57.3 | 2400 EST | | |
| ROCKVILLE 2 W McGINNIS | 87 72 | 81 71 | 83 72 | 85 72 | 87 74 | 83 70 | 88 68 | 86 64 | 75 58 | 71 55 | 72 50 | 77 52 | 77 55 | 78 57 | 73 57 | 71 54 | 72 53 | 75 60 | 66 52 | 71 48 | 76 54 | 80 61 | 63 52 | 64 48 | 71 47 | 79 59 | 80 63 | 75 61 | 66 54 | 70 48 | 76.1 58.7 | 2400 EST | | |
| GLENMONT 1NNE ROSSEN | | | | | 75 | | 93 | | | | | | | | | | | | | | | | | | | 44 | | | 69 | | | | 2400 EST | |
| BETHESDA SCAFIDE | 88 71 | 83 72 | 84 73 | 86 72 | 87 75 | 82 70 | 90 67 | 87 62 | 77 57 | 73 55 | 74 50 | 79 53 | 78 55 | 78 57 | 74 57 | 73 54 | 74 60 | 74 54 | 68 48 | 72 54 | 77 62 | 81 50 | 66 49 | 66 47 | 72 59 | 79 63 | 80 62 | 76 54 | 67 49 | 71 49 | 77.3 58.7 | 2400 EDT | | |
| GAITHERSBURG 2WNW SHAW | 88 70 | 80 70 | 83 73 | 84 72 | 85 74 | 84 71 | 88 67 | 86 63 | 76 56 | 73 54 | 75 49 | 78 50 | 80 53 | 83 54 | 83 57 | 79 53 | 77 50 | 76 61 | 77 51 | 73 46 | 83 52 | 85 63 | 71 51 | 70 48 | 76 44 | 84 59 | 85 61 | 79 62 | 73 53 | 75 48 | 77.1 57.9 | 2400 EDT | | |
| FOREST GLEN TERRY | 92 70 | 84 71 | 86 73 | 89 72 | 91 76 | 87 70 | 92 67 | 90 63 | 81 56 | 78 54 | 80 48 | 83 51 | 84 54 | 83 56 | 79 52 | 77 51 | 76 61 | 77 51 | 73 46 | 83 52 | 85 60 | 71 48 | 70 46 | 76 48 | 84 60 | 85 62 | 79 63 | 73 53 | 75 47 | 81.4 57.9 | 2400 EDT | | | |
| OXON HILL SMITH | 92 72 | 81 71 | 84 72 | 88 72 | 84 72 | 82 69 | 90 68 | 88 65 | 80 60 | 75 57 | 79 51 | 81 53 | 82 55 | 82 58 | 76 59 | 76 54 | 74 53 | 78 67 | 71 54 | 76 49 | 79 53 | 84 62 | 69 55 | 69 50 | 76 49 | 84 62 | 83 64 | 78 63 | 70 57 | 74 49 | 79.5 59.8 | 2300 EDT | | |
| HOLLYWOOD 3 ENE GLEASON | 90 73 | 85 74 | 84 74 | 87 76 | 86 77 | 79 68 | 85 67 | 86 64 | 79 64 | 75 62 | 76 58 | 77 58 | 78 60 | 79 63 | 77 62 | 74 59 | 74 60 | 80 68 | 80 58 | 73 56 | 84 57 | 72 65 | 70 54 | 74 55 | 83 66 | 80 66 | 79 63 | 69 57 | 73 56 | 78.7 63.2 | 2400 EDT | | | |
| RIDGE ZYLA | 90 76 | 86 74 | 85 74 | 90 75 | 88 76 | 79 67 | 87 67 | 88 64 | 78 61 | 76 60 | 76 60 | 80 58 | 82 60 | 85 64 | 77 62 | 75 60 | 76 61 | 80 67 | 72 59 | 74 57 | 77 59 | 86 67 | 74 57 | 72 57 | 77 54 | 84 59 | 82 65 | 82 66 | 69 61 | 75 55 | 80.2 63.3 | 2400 EDT | | |
| SMITHSBURG 1.5 SW HUTTO | 88 67 | 80 67 | 84 70 | 85 71 | 87 73 | 85 70 | 88 65 | 81 60 | 75 53 | 71 47 | 73 43 | 78 45 | 79 49 | 79 49 | 73 51 | 72 47 | 76 44 | 71 60 | 66 46 | 71 41 | 79 50 | 80 45 | 64 41 | 65 38 | 72 60 | 78 61 | 75 56 | 72 45 | 66 47 | 66 47 | 76.0 54.0 | 2400 EDT | | |
| HAGERSTOWN 1E KEEFER | 89 70 | 79 68 | 84 71 | 85 72 | 90 73 | 87 71 | 90 68 | 81 62 | 76 54 | 71 49 | 75 44 | 80 46 | 82 51 | 82 51 | 74 52 | 73 49 | 77 46 | 70 60 | 68 48 | 73 43 | 80 51 | 82 60 | 65 47 | 65 43 | 73 40 | 78 58 | 76 62 | 72 58 | 66 48 | 67 49 | 77.0 55.5 | 2400 EDT | | |
| SMITHSBURG 3 NE VAUGHN | 92 68 | 83 69 | 86 73 | 86 72 | 91 74 | 88 70 | 90 67 | 81 61 | 74 56 | 68 50 | 74 47 | 80 51 | 80 54 | 81 55 | 72 54 | 72 48 | 75 50 | 73 60 | 66 48 | 72 45 | 79 54 | 79 58 | 63 46 | 64 43 | 71 44 | 76 58 | 77 60 | 71 58 | 64 47 | 65 47 | 76.4 56.2 | 2400 EDT | | |
| SALISBURY NWS WICOMICO CO APT | 90 73 | 84 73 | 86 74 | 90 77 | 87 75 | 78 66 | 88 62 | 81 67 | 78 62 | 81 56 | 83 50 | 84 51 | 83 54 | 84 56 | 79 53 | 78 52 | 80 54 | 83 70 | 76 57 | 78 54 | 81 52 | 84 59 | 73 47 | 72 46 | 83 76 | 85 85 | 85 62 | 69 54 | 74 50 | 81.0 59.4 | 2400 EST | | | |
| WASH NATIONAL NWS ASOS | 95 73 | 84 74 | 85 75 | 89 76 | 90 78 | 84 73 | 89 72 | 91 66 | 80 62 | 77 60 | 78 57 | 81 60 | 81 60 | 83 64 | 78 64 | 76 60 | 75 59 | 80 66 | 72 59 | 75 54 | 80 59 | 85 66 | 71 55 | 70 56 | 76 53 | 84 65 | 85 67 | 81 65 | 73 58 | 74 54 | 80.7 63.7 | 2400 EST | | |
| WASH DULLES NWS ASOS | 92 70 | 83 71 | 84 73 | 88 71 | 91 72 | 86 65 | 91 62 | 91 59 | 79 52 | 76 46 | 78 47 | 81 50 | 82 50 | 82 51 | 78 47 | 75 50 | 72 46 | 77 62 | 70 49 | 75 46 | 80 51 | 85 63 | 68 48 | 68 45 | 76 45 | 83 60 | 84 61 | 77 50 | 70 45 | 73 45 | 79.8 56.4 | 2400 EST | | |
| STERLING 4 N SHAFFER | 90 74 | 90 75 | 89 76 | 88 75 | 91 75 | 86 75 | 91 67 | 91 65 | 79 56 | 77 56 | 77 49 | 80 50 | 77 52 | 75 57 | 75 62 | 73 55 | 75 50 | 74 66 | 78 49 | 75 55 | 85 69 | 77 49 | 85 47 | 69 47 | 68 47 | 81 62 | 85 62 | 78 63 | 71 51 | 74 50 | 79.3 59.8 | 2400 EDT | | |
| DAVIS 3 SE WV LESHER | 79 62 | 73 62 | 77 62 | 76 64 | 76 65 | 78 61 | 79 61 | 80 60 | 66 47 | 61 42 | 60 38 | 71 38 | 74 48 | 73 48 | 73 50 | 64 45 | 67 40 | 69 41 | 61 44 | 56 40 | 70 37 | 69 46 | 67 52 | 53 35 | 55 35 | 64 43 | 69 55 | 70 54 | 57 41 | 56 38 | 68.1 48.0 | 0700 EDT | | |

ACON MD / DE / DC
SEPTEMBER 2012 DAILY PRECIPITATION

| STATION | 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 | TOTAL | OBS TIME | |
|---|------|------|------|------|------|------|------|------|------|----|----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|-------------|
| BEAR 2 SW, DE GALLAHER | | 0.29 | 2.34 | 0.02 | 0.63 | 0.01 | | 0.55 | | | | | | | | | 0.97 | 0.01 | | | | 0.40 | | | | 0.02 | 0.21 | 0.01 | | 0.13 | 5.59 0.0 | 2400 EDT | |
| MIDDLETOWN 6 N DE LEGATES | | 0.07 | 2.33 | 0.03 | 0.01 | | 0.01 | 0.65 | | | | | | | | 0.01 | | 1.08 | 0.01 | | | 0.68 | | | | 0.05 | 0.36 | 0.03 | | 0.15 | 5.47 - | 2400 EDT | |
| WILMINGTON, DE NWS NEW CASTLE CO APT | | 0.20 | 2.26 | 0.08 | 0.31 | 0.01 | | 0.42 | | | | | | | | | T | 1.41 | T | | | 0.34 | | | | T | 0.23 | 0.01 | T | 0.02 | 5.29 0.0 | 2400 EST | |
| NEWARK AG FARM, DE U OF DE DEOS | | 0.17 | 1.48 | 0.02 | 0.88 | 0.01 | | 0.35 | | | | | | | | | | 0.78 | | | | 0.40 | 0.01 | | | 0.01 | 0.27 | 0.02 | | 0.10 | 4.50 - | 2400 EDT | |
| TOWNSEND 4 W, DE U of D REC DEOS | | 0.08 | 0.89 | | | 0.02 | | 0.61 | | | | | | | | | | 1.20 | 0.01 | | | 0.18 | | 0.01 | | 0.04 | 0.16 | 0.04 | | 0.27 | 3.51 - | 2400 EDT | |
| LAMBERTON, ROY SEAFORD | | 3.82 | 0.86 | | 0.04 | 0.65 | | 0.38 | 0.29 | | | | | | | | | 0.91 | 0.02 | | | 0.50 | | | | 0.01 | | 0.22 | 0.11 | 0.19 | 8.00 0.0 | 2400 EDT | |
| GEORGETOWN, DE NWS SUSSEX CO APT | T | 0.38 | 0.13 | | 0.02 | 0.82 | | 0.19 | 0.03 | | | | | | 0.01 | | | 0.68 | T | | | 0.23 | | | | | | 0.28 | 0.01 | T | 2.78 - | 2400 EST | |
| GEORGETOWN, DE U of D REC DEOS | | 2.36 | 0.26 | | | 0.01 | | 0.30 | 0.03 | | | | | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 2.96 - | 2400 EDT |
| HARBESON 8 S, DE U of D REC DEOS | 0.01 | 0.70 | 0.11 | | 0.21 | 0.83 | | 0.11 | 0.03 | | | | | | | | | 0.39 | | | | 0.18 | 0.01 | | | | | 0.26 | 0.19 | | 3.03 - | 2400 EDT | |
| REHOBOTH BEACH BWK U of DE DEOS | | | 0.01 | 0.01 | 0.31 | 1.12 | 0.01 | 0.27 | 0.05 | | | | | | | | | 0.56 | | | | 0.09 | 0.02 | | | | | 0.24 | 0.27 | | 2.96 - | 2400 EDT | |
| FROSTBURG LATTA | 0.03 | 0.06 | 0.09 | 0.02 | 0.35 | T | | | 0.12 | T | | | | | 0.01 | | | 1.47 | 0.70 | | | | | | | 0.13 | 0.23 | 0.53 | | 0.01 | 3.75 0.0 | 0700 EDT | |
| LAVALE MULLINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2400 EDT |
| PASADENA 2N HANSON | 0.39 | 0.28 | 0.25 | | 2.13 | 0.05 | 0.01 | 0.90 | | | | | 0.01 | | | | 0.01 | 0.89 | 0.01 | 0.01 | | 0.25 | | 0.01 | | 0.04 | 0.04 | 0.10 | | 0.06 | 5.44 0.0 | 2400 EDT | |
| LOTHIAN JUG BAY | 0.64 | 0.03 | | 0.08 | 0.45 | 0.16 | 0.01 | | M | M | M | | | 0.01 | | | 0.23 | 0.92 | | | 0.01 | | | | 0.01 | | | 0.54 | 0.01 | | 3.10 0.0 | 2400 EDT | |
| BWI NWS ASOS | 0.32 | | T | 0.01 | 0.46 | 0.02 | | 0.44 | | | | | | | | | 0.02 | 0.60 | | | | 0.04 | | | | 0.09 | 0.11 | 0.06 | | 0.04 | 2.21 0.0 | 2400 EST | |
| LAUREL 2 E STOUDT | 0.08 | T | 0.01 | T | T | 0.08 | | 0.58 | | | | | | | | | 0.03 | 1.01 | | | | 0.18 | | | | 0.06 | 0.17 | 0.06 | | 0.11 | 2.37 0.0 | 2400 EST | |
| REISTERSTOWN MULLER | 0.30 | | 0.53 | 0.69 | | T | | 0.27 | | | | | | | | | | 0.97 | 0.07 | | | 0.10 | | | | 0.02 | 0.39 | 0.13 | | 0.19 | 3.66 0.0 | 2100 EDT | |
| OWINGS MILLS 2SE SHARROW | 0.59 | | | | T | | 0.04 | 0.55 | | | | | | | | | T | 1.57 | | | | 0.03 | | | | 0.03 | 0.39 | 0.07 | | 0.07 | 3.34 0.0 | 2400 EDT | |
| BALTIMORE 2SE MANFRE | 0.02 | 0.20 | 0.02 | | 0.03 | | | 0.34 | | | | | | | | | 0.02 | 0.63 | | | | | T | | | 0.12 | 0.09 | 0.05 | | 0.06 | 1.58 0.0 | 2400 EDT | |
| BALT INNER HARBOR MD SCIENCE CENTER | 0.03 | 1.31 | 0.19 | 0.02 | | 0.03 | | 0.27 | | | | | | | | | | 0.76 | | | | 0.01 | | | | 0.12 | 0.13 | 0.04 | | 0.09 | 3.00 - | 2400 EST | |
| MANCHESTER 1SW CLOSE | 0.11 | | 0.26 | 0.45 | 0.01 | 0.01 | | 0.95 | | | | | | | | | T | 1.93 | 0.01 | | | 0.07 | | | | 0.05 | 0.55 | 0.16 | | 0.12 | 4.68 0.0 | 2300 EDT | |
| WESTMINSTER 4 SSE HARTSOCK | 0.34 | | | 0.19 | | 0.04 | | 0.31 | | | | | | | | | | 1.39 | | | | 0.13 | | | | 0.05 | 0.24 | 0.27 | | 0.47 | 3.43 0.0 | 1900 EDT | |
| MILLERS 4NE MILLER | | 0.02 | 2.19 | 0.31 | T | T | | 0.68 | T | | | | | | | | | 1.46 | 0.08 | | | 0.02 | | | | 0.03 | 0.25 | 0.16 | | 0.05 | 5.25 0.0 | 1800 EDT | |
| BRYANS ROAD 2 ESE BRUMBACK | 0.02 | 0.02 | 0.08 | 0.41 | 0.01 | 0.22 | | 0.63 | | | | | | | | | 0.17 | 0.90 | 0.01 | | | 0.06 | | | | | | 0.70 | | | 3.23 0.0 | 2359 EDT | |
| EMMITSBURG 2 SE GLASS | T | 0.08 | 0.10 | 0.54 | | | T | 0.05 | 0.86 | | | | | | | | | 0.67 | 3.55 | | | | | | | 0.07 | 0.23 | 0.26 | | | 6.41 0.0 | 0700 EDT | |

**ACON MD / DE / DC
SEPTEMBER 2012 DAILY PRECIPITATION**

| STATION | 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 | TOTAL | OBS TIME | |
|----------------------------------|------|------|------|------|------|------|------|------|------|----|----|----|----|----|----|------|------|------|----|----|----|------|----|----|----|------|------|------|------|------|-------------|-------------|-------------|
| LAUREL JHU / APL GIANNOLA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2400 EDT |
| NORBECK 1 SE BERGER | 0.11 | 0.02 | 0.07 | 0.03 | | 0.03 | | 0.49 | | | | | | | | | 1.17 | 0.04 | | | | T | | | | 0.09 | 0.08 | 0.39 | | 0.15 | 2.67 0.0 | 2200 EDT | |
| POTOMAC 4N COHEN | T | 0.04 | 0.02 | 0.02 | | 0.03 | | 0.42 | | | | | | | | | 1.15 | 0.04 | | | | 0.02 | | | | 0.17 | | 0.57 | | 0.09 | 2.57 0.0 | 2100 EDT | |
| OLNEY 1 S GIANNOLA | T | 0.01 | 0.09 | 0.01 | | 0.07 | | 0.55 | | | | | | | | | 1.31 | | | | | 0.01 | | | | 0.12 | > | 0.53 | | 0.06 | 2.76 0.0 | 2400 EDT | |
| CLARKSBURG 2ENE HOLDEN | | 0.02 | | 0.08 | T | 0.03 | | 0.26 | T | | | | | | | 0.03 | 1.37 | | | | | 0.07 | | | | 0.18 | 0.53 | 0.06 | | 0.12 | 2.75 0.0 | 2400 EST | |
| ROCKVILLE 2 W McGINNIS | T | 0.01 | 0.01 | 0.02 | T | 0.03 | | 0.74 | T | | | | | | | 0.05 | 1.30 | | | | | | | | T | 0.12 | 0.38 | 0.28 | | 0.12 | 3.06 0.0 | 2400 EST | |
| GLENMONT 1NNE ROSSEN | | | | | | | | | | | | | | | | | 0.91 | | | | | | | | | | | | | | | 2.61 0.0 | 2400 EST |
| BETHESDA SCAFIDE | 0.02 | 0.02 | 0.01 | 0.02 | | 0.03 | | 0.71 | 0.01 | | | | | | | 0.01 | 0.80 | | | | | 0.11 | | | | 0.05 | 0.26 | 0.28 | | 0.01 | 2.34 0.0 | 2400 EDT | |
| GAITHERSBURG 2W SHAW | | 0.04 | | T | | T | | 0.57 | | | | | | | | T | 1.10 | | | | | T | | | | 0.25 | 0.50 | 0.15 | | 0.05 | 2.66 0.0 | 2400 EDT | |
| FOREST GLEN TERRY | | 0.23 | | 0.14 | | 0.07 | | 0.90 | | | | | | | | 0.01 | 1.01 | | | | | 0.27 | | | | 0.06 | 0.21 | 0.38 | | 0.02 | 3.30 0.0 | 2400 EDT | |
| OXON HILL SMITH | 1.27 | 0.07 | | T | 0.19 | 0.25 | | 0.82 | | | | | | | | T | 1.32 | 0.01 | | | | | | | | | 0.25 | 0.50 | | T | 4.68 0.0 | 2300 EDT | |
| HOLLYWOOD 3 ENE GLEASON | | > | 0.08 | 0.02 | | T | 1.61 | | 0.37 | | | | | | | 0.07 | 0.68 | 0.01 | | | | | | | | | | | 0.25 | 0.01 | 3.10 0.0 | 0700 EDT | |
| RIDGE ZYLA | T | | 0.06 | | | 1.28 | | 0.79 | 0.02 | | | | | | | 0.01 | 1.76 | 0.01 | | | | 0.01 | | | | | | | 0.40 | | 4.34 0.0 | 2400 EDT | |
| SMITHSBURG 1.5 SW HUTTO | 0.25 | | | 0.06 | | | 0.01 | 0.46 | 0.05 | | | | | | | | 1.86 | 0.01 | | | | | | | | 0.02 | 1.38 | 0.29 | | 0.12 | 4.51 0.0 | 2400 EDT | |
| HAGERSTOWN 1E KEEFER | T | | 0.02 | 0.01 | | T | 0.07 | 0.62 | | | | | | | | T | 2.09 | | | | | | | | | 0.05 | 0.71 | 0.28 | | 0.21 | 4.06 0.0 | 2400 EDT | |
| SMITHSBURG 3 NE VAUGHN | 1.01 | | | 0.20 | | | | 0.49 | 0.03 | | | | | | | | 1.80 | 0.02 | | | | | | | | | 1.08 | 0.35 | | 0.10 | 5.08 0.0 | 2400 EDT | |
| SALISBURY NWS WICOMICO CO APT | 0.41 | 0.46 | 1.13 | | 1.70 | 2.39 | | 0.17 | 0.03 | | | | | | | T | 0.49 | | | | | 0.02 | T | | T | | | 0.81 | 0.13 | | 7.74 - | 2400 EST | |
| WASH NATIONAL NWS ASOS | 1.64 | 0.05 | T | T | 0.02 | 0.24 | | 0.49 | | | | | | | | 0.14 | 0.93 | | | | | | | | | 0.05 | 0.49 | 0.24 | | T | 4.29 0.0 | 2400 EST | |
| WASH DULLES NWS ASOS | T | 0.39 | | 0.02 | | 0.03 | | 0.16 | | | | | | | | 0.06 | 1.17 | | | | | 0.23 | | | | 0.02 | 0.53 | 0.09 | | 0.01 | 2.71 0.0 | 2400 EST | |
| STERLING 4 N SHAFFER | T | > | 0.19 | 0.04 | T | 0.04 | | 0.45 | | | | | | | | > | 0.82 | | | | | T | | | | | > | 0.50 | | 0.02 | 2.06 0.0 | 2400 EDT | |
| DAVIS 3 SE WV LESHER | | 0.11 | 0.23 | | 0.85 | | | | 0.42 | | | | | | | | 1.04 | 0.88 | | | | | T | | | 0.29 | 0.30 | 0.36 | T | | 4.48 0.0 | 0700 EDT | |

EVAPORTRANSPIRATION (PER MANUAL INSTRUMENT, NOT COMPUTER GENERATED)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|------|-------------|
| BEAR 2 SW, DE GALLAHER | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.07 | 0.13 | 0.13 | 0.10 | 0.04 | 0.11 | 0.12 | 0.11 | 0.13 | 0.11 | 0.09 | 0.13 | 0.11 | 0.07 | 0.04 | 0.11 | | 1.60 | 0700 EDT |
| BRYANS ROAD 2 ESE BRUMBACK | 0.25 | 0.10 | 0.10 | 0.10 | 0.18 | 0.09 | 0.03 | 0.20 | 0.10 | 0.20 | 0.10 | 0.22 | 0.18 | 0.20 | 0.10 | 0.15 | 0.15 | 0.05 | 0.03 | 0.12 | 0.12 | 0.18 | > | > | > | > | > | > | > | > | 1.05 | | 4.00 | 0700 EDT |
| 9/30/12 - LAST DAY FOR EVAPORTRANSPIRATION OBSERVATIONS FOR 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |