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

MILD MONTH—WETTEST IN NORTHERN AREAS

November was a fairly quiet month. **Jeff Stoudt** of **Laurel 2 E** made the following comment in his monthly report: "Overall, this November was a great month for doing those outdoor late autumn chores and preparing for winter." **Kevin Shaw** of **Gaithersburg 2 WNW** said: "Really, overall a rather humdrum month that lacked extremes." **Joe Terry** of **Forest Glen** said: "Overall, rather boring for being a normally strong transitional month."

Precipitation was above normal in the northern areas and below normal in the central and southern areas. Almost all of the months rain fell during three events. These events all occurred in the second half of the month. East of the Western Maryland mountains no snow fell.

The first nine days were mostly sunny with maximum temperatures generally in the 50's and 60's along with a few 70's on the 8th. Minimum temperatures were generally in the 30's with a few 20's and a few 40's. Showers on the 10th brought only a tenth of an inch of rain.

The 11th was windy and colder. Maximum temperatures failed to rise out of the 40's. Temperatures rose into the 70's on the 14th. This was the warmest day of the month at many stations. Minimum temperatures on the 15th were in the mid 50's.

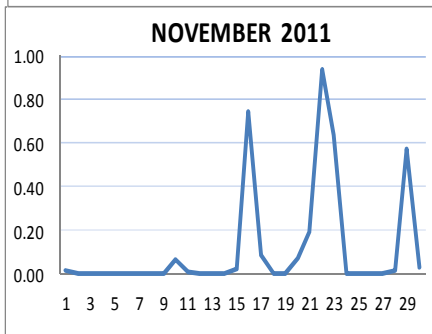
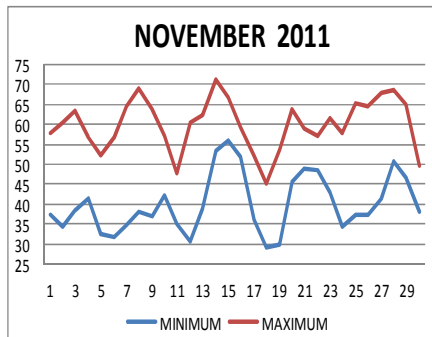
The first of three rain events during the last half of the month occurred on the 16th/17th. The heaviest amounts of one to two plus inches fell from east of Washington, D.C. into Sussex County Delaware. 2.34" fell at **DEOS Harbeson 8 SE, DE** and 2.33" at **DEOS Rehoboth Beach, DE**.

The coldest temperatures of the month followed this rain event. Sub freezing temperatures occurred on the 18th and 19th at all but the warmer locations.

The last ten days of the month were mild. Maximum temperatures were generally in the 60's along with some 70's on the 28th. Minimum temperatures were generally in the 30's and 40's. Rain fell from the 20th to 23rd and on the 29th.

The rain event from the 20th to the 23rd brought amounts of over an inch to areas from Washington D.C. northwards. Three inch plus amounts fell in Carroll and Frederick Counties. **Bobby Miller** of **Millers 4 NE** reported 3.59", **Herb Close** of **Manchester 1 SW** 3.55", **Ralph Hartsock** of **Westminster 4 SSE** 3.48", **Eric Glass** of **Emmitsburg 2 SE** 3.46", **Jim Vaughn** of **Smithsburg 3 NE** 3.29" and **Mac Hutto** of **Smithsburg 1.5 SW** 3.12". **Bobby Miller** of **Millers 4 NE** reported local streams and rivers in Carroll County were out of their banks the morning of the 23rd. Winds on the 23rd gusted to over 40 MPH.

Thanksgiving, the 24th, was sunny and mild with maximum temperatures generally in the mid 50's to lower 60's range.



ACON MD/DE Network
Daily average temperatures and precipitation based on observation times, not calendar days.

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Lothian	77
Bryans Road 2 ESE	75
Glenmont 1 NNE	75
Forest Glen	75

MINIMUM TEMPERATURE

Davis 3 SE WV	15
Frostburg	22
Emmitsburg 2 SE	24

WARMEST AVG. TEMP.

Ridge	54.0
Hollywood 3 ENE	53.3
DEOS Rehoboth Bch DE	53.2

COLDEST AVG. TEMP.

Davis 3 SE WV	43.4
Frostburg	44.5
LaVale	46.1

MAXIMUM PRECIPITATION

Westminster 4 SSE	5.42
Millers 4 NE	5.23
Davis 3 SE WV	5.20

MINIMUM PRECIPITATION

Bethesda	2.08
Forest Glen	2.27
Laurel 2 E	2.34

MAXIMUM SNOWFALL

Davis 3 SE WV	7.1
Frostburg	0.4

Warm temperatures in the 60's with a few lower 70's occurred from the 25th to the 29th. The 29th was warm, windy, and wet. Over an inch of rain fell in New Castle County DE. **David Legates** of **Middletown 6 N DE** observed the greatest amount of 1.28".

The last day of the month was windy with temperatures falling into the 40's.

OBSERVER COMMENTS FOR NOVEMBER 2011

Gary Gallaher of Bear 2 SW, DE

Quiet, warm month, dry first half, wet second half. Daily average peak wind gust of 19.6 mph is the lowest in 22 years of wind records.

7th,9th,10th - Dense fog at sunrise

Greg Latta of Frostburg

23rd - Thunder occurred during the previous 24 hours ending at obs (7 AM) time.

Nate Mullins of LaVale

Second wettest fall on record with 17.01" of precipitation. The wettest fall is 1996 with 18.02".

15th - Record maximum minimum temperature of 53°. Old record was 52° in 1993.

Jeff Stoudt of Laurel 2 E

Mostly mild month. November became the first convincingly drier than average month since June.

10th - Periods of light rain mid afternoon thru dusk.

22nd - Periods of rain, mostly during daylight.

Marty Sharrow of Owings Mills

Temperatures as a whole about 3.0° above normal. Precipitation about 0.5" above normal.

2nd - Frosty start, then sunny, milder.

7th - Morning fog, then sunny and warmer.

17th - Overcast, breezy, much cooler.

Ralph Hartsock of Westminster 4 SSE

5th - Sunny, chilly. Some snow piles remain from the Oct 29 storm.

10th - Sunny, windy, colder.

22nd - Moderate to heavy rain.

23rd - Very heavy rain early, clearing late, flooding.

Bobby Miller of Millers 4 NE

1st - Clear, scattered afternoon cumulus. Snow on the ground in shade only.

8th & 9th - Clear, 100% sun, few evening cirrus.

23rd - Am heavy rain, thunder, local flooding.

25th - Scattered cirrus and contrails.

Eric Glass of Emmitsburg 2 SE

11th - Partly sunny, very windy and cool.

16th - Heavy drizzle

Rich Giannola of JHU/APL

Maximum barometric pressure 30.51" on the 6th

Minimum barometric pressure 29.61" on the 23rd

Rob Cohen of Potomac 4 N

17th - Afternoon temperature in the 40's.

27th - Record daily maximum temperature.

Rich Giannola of Olney 1 S

29th - Moderate rain during day especially in the afternoon.

Richard Holden of Clarksburg 2 ENE

16th - Heavy rain.

22nd / 23rd - Heavy rain.

Kevin Shaw of Gaithersburg 2 WNW

November was warmer and drier than normal. The mean temperature was my fifth warmest.

Precipitation records are now a full 33 year time period.

14th & 15th - Daily maximum minimum temperature set each day.

21st & 22nd - Fog, at times dense AM.

23rd - Very modest daily precipitation record of 0.53".

27th - Tied daily maximum temperature of 69°.

Joe Terry of Forest Glen

Above normal temperatures and below normal precipitation. Lots of warm 60 & 70 degree days but cold nights.

29th - Only brief sunshine late day and much colder. Apparent cold FROPA around 1020. Warm temperatures in the low to mid 60's up until FROPA then falling rapidly to around 50° by early afternoon.

Brian Smith of Oxon Hill

10th - -RA 1200 - 1900.

29th - -RA/+SHRA 0930 - 1530, 0.55".

John Zyla of Ridge

Lots of fog, but no snow or freezing temperatures yet this season.

8th - 11th - Peak fall colors.

19th - Most leaves are brown now.

23rd - Heavy rain from 5:10 - 6:15AM. Most of the leaves off the trees.

Max Hutto of Smithsburg 1.5 SW

8th - Sunny, warmer, breezy.

16th - AM fog, Rain overnight and throughout the day. Slightly cooler, breezy.

24th - Sunny, mild temperatures, breezy.

Greg Keefer of Hagerstown 1 E

Maximum barometric pressure 30.54" on the 6th

Minimum barometric pressure 29.60" on the 23rd

4th - Partly cloudy, NNE winds gusting to 32 MPH.

18th - Sunny, cold.

22nd - Rain all day. Rain was moderate to heavy at times.

23rd - Rain overnight. Mostly to partly cloudy and windy today with strong NW winds gusting to 40 MPH.

Jim Vaughn of Smithsburg 2 NE

Winds ≥40 mph on the 13th, 14th, 22nd, 23rd, 29th.

27th - 65 tied maximum temperature set in 2006. 45 minimum broke the previous daily record of 43 set in 2001.

28th - 56 minimum broke the previous daily record of 47 set in 2001.

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.