



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

CONTINUED ABOVE NORMAL PRECIPITATION AND BELOW NORMAL TEMPERATURES

November saw the continuation of the cooler than normal temperatures and above normal precipitation. With the frequent drought relieving rains the longest stretch of rain free days at most stations was only four days. Snowfall this month was below normal. East of Garrett County measurable snow fell in Carroll, Washington, and Baltimore Counties during the last week of the month.

The 1st started out generally frosty. It became mostly cloudy, and blustery as a cold front moved across the region bringing with it scattered light rain measuring a few hundreds of an inch. Temperatures remained below normal until the 9th. Rains moved into the region on the afternoon of the 5th and ended the morning of the 6th. Amounts averaged around three quarters of an inch.

The warmest temperatures of the month were pulled into the region ahead of a storm which moved northeast through the mid-west on the 10th and the 11th. Temperatures rose into the 60's and lower 70's on the 10th. **Greg Keefer of Hagerstown 1E** reported a morning low of 63 on the 11th. The most significant severe weather outbreak of the year struck the southeast and Ohio Valley on the 10th killing 35 people (preliminary report). This system, while not severe in our area, moved into the region on the 11th. Portions of the region were under a tornado watch but none were reported. The months only thunder was reported by many observers the morning of the 11th. Rainfall totals of one inch plus were common from the 11th through the 13th. St. Marys County reported the greatest amounts. **John Zyla of Ridge** reported 1.92", **Floyd Abell of Hollywood** 1.90", and **Mike Van Wie of Oraville** 1.68".

The sun returned on the 14th and the 15th along with mild temperatures. Then the heaviest rains of the

month moved into the region early on the 16th and lasted into the 17th as temperatures generally remained in the 40's. Rainfall amounts of two (2) inches or more were common. Amounts of over 2.25" were reported by the following ACON observers: **Rich Giannola of JHU/APL** 2.84", **Gary Gallaher of Bear 2 SW DE** 2.77", **Dan Hanson of Millersville 1 SE** 2.45", **Lynn Albright of Fallston 2 NW** 2.35", **Joe Terry of Forest Glen** 2.34", **Jeff Stoudt of Laurel 2 E** 2.32", **Stan Rossen of Glenmont 1 NNE** 2.32", **Bill Hudelson of South Bowie** 2.28", **Rich Giannola of Olney 1 S** 2.27", and **Al Kreinik of Parkton 5 SW** 2.26". **Ralph Hartsock of Westminster 4 SSE** and **Bobby Miller of Millers 4 NE** reported a "Trace" of snow late on the 17th.

A storm system brought some rains with it on the 21st & 22nd. Amounts from this event were quite variable. Amounts of less than 1/10th of an inch fell in the Baltimore-Washington region while upwards of 1" or more fell on portions of Southern Delaware and Maryland's Eastern Shore. The heaviest snowfall of for the month of 3.5" was observed by Rebecca Harvey of Eagle Rock.

Another storm system brought light rains of generally less than a quarter of an inch on the 26th and 27th.

Thanksgiving (the 28th) was cold and windy. Many stations reported minimum temperatures in the upper teens and lower 20's which were the coldest of the month. Afternoon temperatures rose only into the mid 30's to lower 40's under partly sunny skies. **Rebecca Harvey of Eagle Rock** reported the coldest Thanksgiving temperatures: a maximum of 24 (obs. time 8AM on the 29th) after a minimum of 12.

The last day of the month brought some light rain showers totaling only a few hundreds of an inch. Snow flurries / showers were reported by some ACON observers in Garrett, Carroll, Washington, Montgomery, and Howard counties.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Ridge	76
Jug Bay Wetlands	75
Hollywood	75

MINIMUM TEMPERATURE

Eagle Rock	12
Westminster 5 SSE	17
Oraville	17

WARMEST AVG. TEMP.

Ridge	48.8
Baltimore 2 SE	48.0

COLDEST AVG. TEMP.

Eagle Rock	36.2
Westminster 5 SSE	40.1

MAXIMUM PRECIPITATION

Bear 2 SW DE	5.49
Laurel JHU/APL	5.36

MINIMUM PRECIPITATION

Hagerstown 1 E	3.63
Newark Pearson Hall	3.68

SNOW / SLEET

Eagle Rock	8.7
Smithsburg 2 NE	1.5

Member News

Al Kreinik of Parkton 5 SW underwent successful heart bypass surgery on December 17. He is now recuperating at the home of **Bobby Miller of Millers 4NE** until he is able to return home.

New Station

A new station has been added this month. Dean Dey of the University of Delaware Research and Education Center near Georgetown has set up a station at the Warrington Farm in Harbeson which is 11.75 miles ENE of the U of D Ed Center and 6 miles ESE of the Georgetown Airport.

OBSERVER COMMENTS FOR NOVEMBER 2002

Jim Canavan of Wilmington 4 NNE

11th -- Thunder

Gary Gallaher of Bear 2 SW, DE

Second consecutive month with good drought relieving rains. The longest period where temperatures averaged above normal was three (3) days (10th - 12th). Thunder occurred on the morning of the 11th.

Al Kreinik of Parkton 5 SW

Fall stats: Avg Max 64.3, Avg Min 43.9, Avg Temp 54.1, Precip 15.50 (+3.85).

10th -- Highest temperature and obs temp of the month.

11th -- Distant lightning @ 6 AM.

21st -- Heavy AM fog.

30th -- Squall line with 59 MPH winds.

Marty Sharrow of Owings Mills

1st -- Frosty followed by partly cloudy and blustery.

8th -- Frosty start-- then sunshine and warmer.

17th -- Overcast, rainy, fog at times.

26th -- Increased clouds with spotty light precipitation.

Joe Manfre of Baltimore 2SE

28th -- Thanksgiving - Partly cloudy, windy, and cold.

Ralph Hartsock of Westminster 4 SSE

16th -- Rain all day - heavier late afternoon and night.

23rd -- Very windy, 42 MPH, and cold.

26th -- Mixed light snow, rain, and sleet.

30th -- PM showers - windy and turning colder with flurries.

Greg Klein of Westminster 5 SSE

27th -- One inch of snow in the early morning hours.

Bobby Miller of Millers 4 NE

Fall stats: Avg Max 63.4, Avg Min 46.6, Avg Temp 55.0 (+0.2), Precip 15.79 (+4.60)

Fourth straight month with above normal precipitation.

10th -- Tropical evening, breezy.

11th -- Distant lightning south at 6 AM. Morning showers.

17th-18th -- Precipitation re-develops as rain mixed with snow at 10:30 PM then all snow @11:30 PM melting upon contact with the ground.

30th -- Evening snow squall 0.3" at 8PM. Strong winds to 47 MPH from the west.

Lynn Albright of Fallston 2 NW

30th -- Snow showers with no accumulation.

Rich Giannola of JHU/APL OF Laurel

15th -- Right sundog 7:40 AM.

19th -- Right sundog through a contrail 7:40 AM.

Rich Giannola of Olney 1 S

12th -- Rainy day

22nd -- AM drizzle and fog.

Rob Cohen of Potomac 4 N

11th -- Thunder at 6 AM.

26th -- Rain shower mixed with sleet at 3 PM.

30th -- Brief light flurry at 9:30 PM.

Stan Rossen of Glenmont 1 NNE

30th -- Ice pellets (sleet) 0118Z-0126Z.

Kevin Shaw of Gaithersburg 2 WNW

A wetter and cooler than normal month. Large amount of days with maximum less than 50, actually half of the days.

26th -- Ice pellets.

Joe Terry of Forest Glen

Another wet month to help alleviate the long term drought. Chilly start and end to the month, otherwise mild.

16th & 17th -- Quite a storm: 48 hours of near continuous rain.

Bill Hudelson of South Bowie

1st -- Heavy frost 0700 hours. Light rain showers 1430-1530.

11th --Thunderstorm 0715 & 0920 hours. Tornado watch.

20th -- Heavy frost and light fog 0700.

Floyd Abell of Hollywood

2nd -- Fair, breezy at times.

11th -- Morning showers, tornado watch.

30th -- Variable clouds, afternoon showers, evening sprinkles.

John Zyla of Ridge

11th -- Thunder at 10:45 AM with heavy downpour.

27th -- First frost of the season.

Greg Keefer of Hagerstown 1 E

11th -- Warm overnight low of 63 degrees. Showers and some thunder and lightning early this morning.

26th -- Became cloudy today a few spits of sleet, rain, and snow late this afternoon. Periods of light wet snow began this evening 7 PM. Snow became briefly moderate late this evening with 0.3" on ground by midnight.

30th -- Mild morning with a high of 51. Then strong cold front came through with strong west winds gusting to 40 MPH and falling temps this afternoon with a few light rain showers. Strong winds continued this evening with some snow showers at times.

Jim Vaughn of Smithsburg 2 NE

Fourth consecutive month with above average rainfall. The last time this happened, March—June 1998. Eight (8) days with wind gusts of 40 MPH or higher. Three (3) days with wind gusts of 50 MPH or higher. Fifth greatest November snowfall of 1.5". Record 15.3" in 1995.

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.