



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

## TROPICAL CONNECTION BRINGS HEAVY RAINS. FIRST SNOWS FALL IN THE MOUNTAINS.

Record precipitation totals went into the record books for the second consecutive month for Washington and at many locations east of the mountains. This time it was for wetness. Washington (National Airport) broke its record of 8.81 inches set in 1937 with 9.41 inches. Many ACON observers also reported record October wetness. See page 2 for individual station records.

Temperatures averaged above normal again. They were above normal the first three weeks and below normal most of the last 10 days.

October began where September left off, that is warm and dry. Afternoon temperatures were generally in the mid 70's to lower 80's from the 2nd to the 6th.

Everything changed on the 7th. The remnants of Tropical Storm Tammy, which made landfall in the extreme northeastern Atlantic coast of Florida on the 5th, brought tropical moisture into the region. It interacted with a slow moving cold front. The result was heavy rains on the 7th and 8th. The heaviest rains fell in a band between highways I-95 and I-81. ACON observer and Sterling NWS Skywarn Spotter **Lynn Albright of Fallston 2 NW** reported a storm total of **12.02"**. 6.48" fell through 6 a.m. on Saturday 10/8 and an additional 5.54" through 6 a.m. on Sunday 10/9. She reported that nearby creeks and small streams overflowed, but all in all the rivers and grounds took it well. Below are some of the other heavier amounts reported by ACON observers:

<b>Marty Sharrow</b> of Owings Mills	9.07"
<b>Stan Rossen</b> of Glenmont 1NNE	8.99"
<b>Joe Terry</b> of Forest Glen	8.65"
<b>Rich Giannola</b> of Olney 1 S	8.05"
<b>Bobby Miller</b> of Millers 4 NE	7.85"
<b>Al Kreinik</b> of Parkton 5 SW	7.83"
<b>Rick Giannola</b> of JHU/APL	7.50"
<b>Jeff Stoudt</b> of Laurel 2 E	7.44"
<b>Ralph Hartsock</b> of Westminster 4 SSE	7.18"
<b>Herb Close</b> of Manchester 1 SW	7.12"

Tammy pulled tropical humidity into the region resulting with more summer like minimum temperatures on the 7th. **Kevin Shaw of Gaithersburg 2 WNW** reported a October record high minimum temperature of 69.

The next week remained cloudy. Rains returned from the 11th to 14th. This time the northeastern portion of the region was on the edge of flooding rains which hit the northeast from Central New Jersey to Maine. **Gary Gallaher of Bear 2 SW DE** reported 2.24 inches, the heaviest amount.. The balance of the region received generally one quarter to three quarters of an inch of rain.

Dry, mild, sunny weather returned on the 15th. The next period of rainy weather occurred from the 20th to 26th. Thunderstorms were reported by some ACON observers on the 20th, 21st, and 23rd in the DC region and southern Maryland. Rainfall amounts for the 20th to 22nd was generally in the three quarters to an inch and a half range.

Hurricane Wilma moved across Southern Florida on the 24th and raced northeast well off the east coast. It interacted with a east coast northeaster which brought heavy wet snow, the first of the season, to the Maryland Mountains and a cold rain east of the mountains from the 24th to 26th. Maximum temperatures were in the 50's on the 24th and 26th but on the 25th they failed to rise out of the 40's at most ACON stations in Maryland east of the mountains. The snow was wet and heavy. **Rebecca Harvey of**

**Eagle Rock** reported that the leaves were still on the trees and that she lost power from 4 AM on the 25th to 5 PM on the 27th.

For NWS radar storm estimates see page 3.

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

UofD Res Ctr Georgetown	85
Smithsburg 2 NE	85
Glenmont 1 NNE	84
Forest Glen	84
Ridge	84

##### MINIMUM TEMPERATURE

Davis 3 SE WV	20
Eagle Rock	26
Parkton 5 SW	28

##### WARMEST AVG. TEMP.

Ridge	61.5
Annapolis 2 N	60.9
Baltimore 2 SE	60.6

##### COLDEST AVG. TEMP.

Davis 3 SE WV	48.8
Eagle Rock	51.0
Frostburg	51.1

##### MAXIMUM PRECIPITATION

Glenmont 1 NNE	11.52
Owings Mills	11.47
Forest Glen	11.34

##### MINIMUM PRECIPITATION

LaVale	5.24
Davis 3 SE WV	5.51
Ridge	5.92

##### MAXIMUM SNOWFALL

Davis 3 SE WV	14.5
Eagle Rock	12.0
Frostburg	3.5

Dry weather returned on the 26th. Clear calm nights resulted with many observers reporting their first frost and or sub freezing temperatures of the autumn season. Halloween began on a cold note with frost at some locations. Temperature rose 30 to 40 degrees to the 60's and 70's creating a great night for Trick or Treating.

# OBSERVER COMMENTS FOR OCTOBER 2005

## **Gary Gallaher of Bear 2 SW, DE**

Record wet October. Previous wettest was 7.75" in 1976.  
13 days with measurable precipitation, 6 days with => 0.50"  
and 1 day =>2.00" tied records for October.  
7th - 69 degree minimum tied the warmest minimum temperature for October, 39 years of records.

## **Greg Latta of Frostburg**

11th & 22nd - Fog with visibility less than 1/4 mile at obs.

## **Nate Mullins of LaVale**

1st - Light frosts on roofs.  
7th - New daily rainfall of 2.15". Old record 2.05" set on 10/20/1995.  
23rd - Mostly sunny, pleasant.  
27th - AM frost and the first freeze of the season.

## **Jeff Stoudt of Laurel 2 E**

Second wettest month behind 9.99" set in 9/2003.  
7th - Rain, heavy at times, especially evening 3.37"  
8th - Rain, frequently heavy into mid afternoon 4.07"

## **Al Kreinik of Parkton 5 SW**

Wettest October on record, 11.12".  
8th - All day heavy rain, some flooding 5.88"  
9th - Showers, heavy at times.  
26th - Rainbow at sunset.

## **Marty Sharrow of Owings Mills**

7th & 8th - Heaviest rains since TS Agnes in 1972  
31st - Scattered frost, then sunny and warmer.

## **Joe Manfre of Baltimore 2SE**

1st - Sunny, mild, low humidity.  
7th - Cloudy, mild, humid, showers.

## **Herb Close of Manchester 1 SW**

Wettest October on record and the second all time wettest month on record.  
7th - 8th - Single storm precipitation record of 7.12".

## **Ralph Hartsock of Westminster 4 SSE**

7th - 8th - Heavy rain, wind, flooding - Unbelievable  
22nd - Rain, drizzle, & cold  
27th - First frost

## **Greg Klein of Westminster 5 SSE**

Wettest October in the 12 years at this location. Wettest month since July 1996 when 10.70" fell.  
7th—8th - My largest single precipitation event with 6.81".

## **Bobby Miller of Millers 4 NE**

Wettest October on record (data back to 1981). Greatest rainstorm on record. Total 7.85" fell on the 7th & 8th. No major flooding due to the record dry September.  
8th - Heavy rain early. Streams and creeks overflowed, Much cooler. Temperature fell to 50 degrees by 10 PM.  
26th - Spectacular sunset with a rainbow.  
29th - Killing frost

## **Manuel Farfan of Frederick 4 N**

7th - Cloudy with rain all day, heavy at times.  
8th - Rain all day and ending around 6 PM.  
13th - Rain on and off, cloudy with drizzle.  
25th - Rain all day, cloudy and cool.

## **Rebecca Harvey of Eagle Rock**

11th - Thunder  
25th - 26th - Heavy wet snow. Reason for so much damage

- leaves still on trees. Electric out from 4AM 10/25 to 5 PM 10/27.

## **Rich Giannola of JHU/APL**

25th - Minimum barometric pressure 29.40".

## **Rob Cohen of Potomac 4 N**

7th - 8th - Record single storm event, 6.53". Old record 5.95" in 1979 from David.  
21st - Thunder @ 8 AM.  
27th - Scattered light frost.

## **Rich Giannola of Olney 1 S**

Second wettest month on record. Wettest 12.06" in September 1999. Warmest October average minimum temperature since I began records in 1986.

## **Stan Rossen of Glenmont 1 NNE**

Wettest October. Previous 6.59" in 1976.  
7th - 5.35", second biggest daily total. Record 7.46" 9/5/1979.

## **Kevin Shaw of Gaithersburg 2 WNW**

Second wettest October behind 1979 when 7.91" fell.  
7th - 2.72" new daily precipitation record. 69° minimum set a monthly record for warmest minimum temperature.  
8th - 2.11" new daily precipitation record.

## **Joe Terry of Forest Glen**

Second wettest month since station inception. October had the 2nd highest occurrence of rain with approx 129 hours.  
7th - 8th - 41 hours of almost continuous rain, mostly moderate to heavy. Two day total 8.65".  
21st - Brief AM thunderstorm, first in 2 1/2 months.

## **Brian Smith of Oxon Hill**

24th - 0850 partial halo.

## **Floyd Abell of Hollywood**

Second wettest October.  
22nd - Thunderstorm before dawn.  
27th - Fair, scattered frost.

## **John Zyla of Ridge**

20th - Thunderstorm 10:13 - 11:30 PM  
22nd - Thunderstorm 2:10 - 2:30 AM

## **Max Hutto of Smithsburg 1.5 SW**

5th - AM haze, partly cloudy, warm, breezy.  
7th - Moderate / heavy rain through entire day.  
15th - Mostly sunny, warmer, very windy.

## **Greg Keefer of Hagerstown 1 E**

7th - 4.17" a rare event with over 4 inches of rain falling in one day. The record largest amount ever total in 24 hours or less was in 7/20/1956 when 6.69" fell.  
15th - Sunny, windy warmer with strong NNW winds gusting to 40 MPH.  
29th - First freeze of season. Temp below 32° for 1 hour.

## **Jim Vaughn of Smithsburg 2 NE**

Third wettest October. Record is 8.91 set in 1990.  
7th - Minimum temp of 70 broke the old maximum minimum temperature for October of 69 set on 10/04/2002

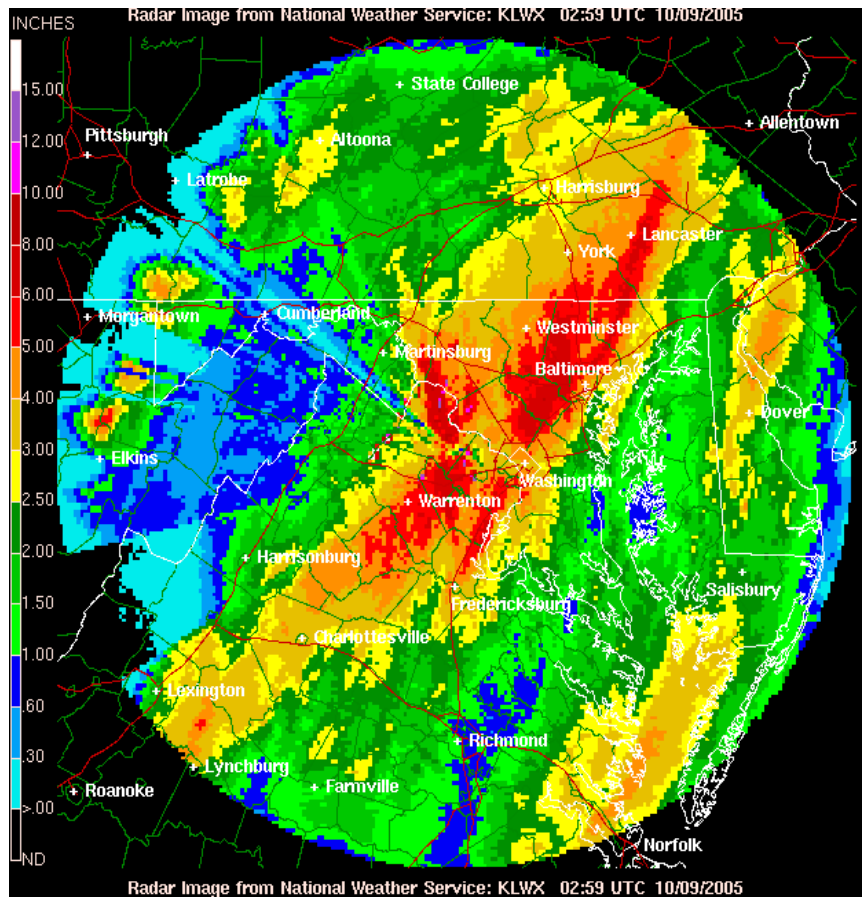
## **Lance Shaffer of Sterling 4 N VA**

9th - Nice, cool finally!  
21st - Rumble of thunder

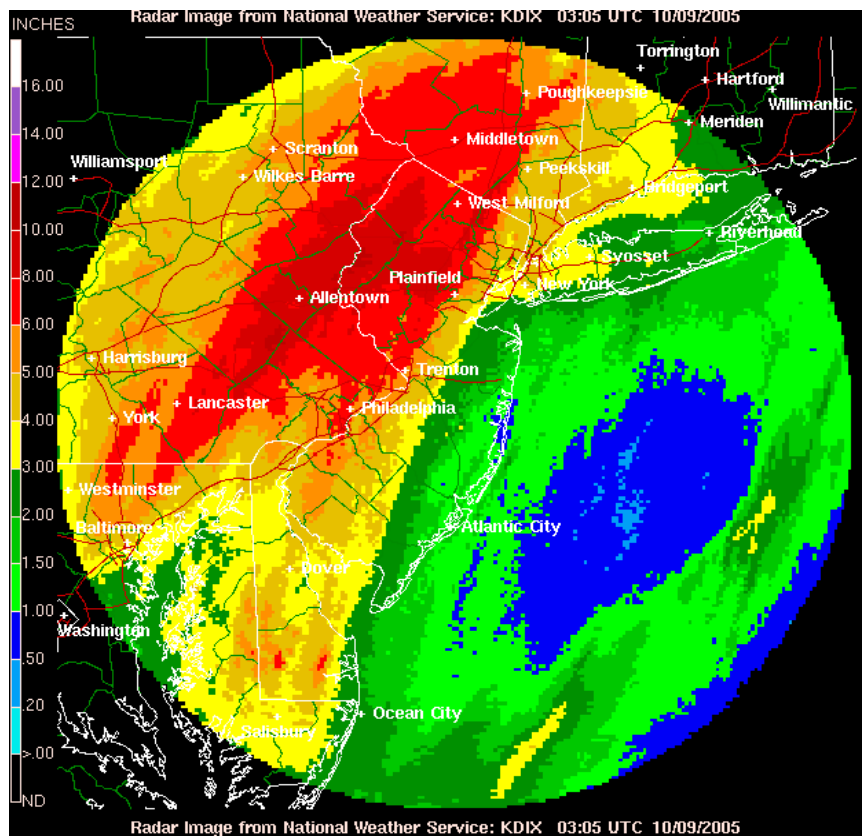
## **Dave Leshner of Davis 3 SE WV**

25th - 26th - Snow, max temp 32

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.



Sterling Storm Estimated Totals October 8th 10:59 PM



Mt Holly Estimated Storm Total October 8th 11:05 PM