



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

## WARM FINAL MONTH OF AUTUMN THANKSGIVING EVE LIGHT SNOW

The pattern of above normal temperatures continued this month. The first half of the month was warm and dry. Temperatures the second half were quite changeable - some quite warm and some quite cold. Most of November's precipitation fell during the second half. The first snowfall of the season east of the mountains occurred on Thanksgiving Eve, the 23rd.

The month began sunny and mild. A few scattered very light showers fell the night of the 1st. The only amounts of over a tenth of an inch fell in the Western Maryland mountains.

Sunny unseasonably warm maximum temperatures occurred from the 3rd to the 6th. Temperatures ranged from the upper 60's to the upper 70's from the mountains to the ocean. They peaked on the 6th at many locations. Following is a sample of some maximum temperatures observed by ACON observers: **Joe Manfre** of **Baltimore 2 SE** 79, **Jim Vaughn** of **Smithsburg 2 NE** 78, **Floyd Abell** of **Hollywood 77**, **Rebecca Harvey** of **Eagle Rock** 70. Light rain showers fell late on the 6th. Thunder was reported by **Marty Sharrow** of **Owings Mills**, **Bobby Miller** of **Millers 4 NE**, **Al Kreinik** of **Parkton 5 SW**, and **Rich Giannola** of **Olney 1S**.

The next few days saw temperatures a little cooler but still quite mild for the second week of November. Scattered light rain showers occurred from the 8th to the 10th. Thunder was reported by the following observers on the 8th or 9th: **Greg Keefer** of **Hagerstown 1 E**, **Bobby Miller** of **Millers 4 NE**, **Al Kreinik** of **Parkton 5 SW**, **Max Hutto** of **Smithsburg 1.5 SW**, and **Nate Mullins** of **LaVale**.

The 10th saw falling temperatures and windy conditions. The morning of the 11th and 12th brought some frost and freezing temperatures. The following observers reported their latest first freeze on record: **Rich Giannola** of **Olney 1 S**, and **Stan Rossen** of **Glenmont 1 NNE**.

The 16th was the last warm day until the 28th. Temperatures rose into the 70's. 78 degrees was observed by **Joe Manfre** of **Baltimore 2 SE**, and 77 degrees by **Dean Dey** of **U of D Research & Education Center** in **Georgetown DE**, **Floyd Abell** of **Hollywood**, and **John Zyla** of **Ridge**. Strong warm southerly winds in the morning were replaced by colder west to northwest winds in the afternoon. This storm system brought the first significant rain of the month according to a comment made by **Joe Terry** of **Forest Glen**. With the exception of the **ACON Carroll County observers** who reported over 1 inch, rainfall amounts were generally in the half inch range.

Thanksgiving week was quite active. The week began of a wet note and ended with unseasonably cold temperatures. Rainfall amounts on the 21st and 22nd were generally around an inch. The heaviest rains fell in St. Marys County where **John Zyla** of **Ridge** reported 2.61" and **Floyd Abell** of **Hollywood** 1.82". **John Zyla** of **Ridge** reported a low pressure of 29.00", **Gary Gallaher** of **Bear 2 SW DE** 29.12", **Bobby Miller** of **Millers 4 NE** 29.18", **Joe Terry** of **Forest Glen** 29.22", and **Rich Giannola** of **JHU/APL** in **Laurel** 29.24".

The first snows east of the mountains fell on the evening of the 23rd. Most amounts were in the 0.5" to 1.5" range. Lesser amounts fell east of the Chesapeake Bay, and south of Montgomery County.

Thanksgiving evening was very windy. 50 mph or higher gusts were observed at the following locations: **Wilmington DE** NWS 61 mph, **Jim Vaughn** of **Smithsburg 2 NE** 59 mph, **Gary Gallaher** of **Bear 2 SW DE** 53 mph, **BWI NWS** 52 mph, and **Washington National NWS** 50 mph.

Temperatures failed to rise above the low to mid 30's on the 25th. Minimums on the 25th and 26th fell into the teens at

### EXTREMES REPORTED BY ACON OBSERVERS

#### MAXIMUM TEMPERATURE

|                  |    |
|------------------|----|
| Jug Bay Wetlands | 79 |
| Baltimore 2 SE   | 79 |

#### MINIMUM TEMPERATURE

|               |   |
|---------------|---|
| Davis 3 SE WV | 0 |
| Eagle Rock    | 3 |

#### WARMEST AVG. TEMP.

|           |      |
|-----------|------|
| Ridge     | 52.9 |
| Hollywood | 52.0 |

#### COLDEST AVG. TEMP.

|               |      |
|---------------|------|
| Davis 3 SE WV | 39.7 |
| Eagle Rock    | 42.3 |
| Frostburg     | 42.3 |

#### MAXIMUM PRECIPITATION

|               |      |
|---------------|------|
| Davis 3 SE WV | 5.36 |
| Eagle Rock    | 4.23 |

#### MINIMUM PRECIPITATION

|                |      |
|----------------|------|
| Laurel JHU/APL | 1.82 |
| Bethesda       | 1.85 |

#### MAXIMUM SNOWFALL

|               |      |
|---------------|------|
| Davis 3 SE WV | 13.4 |
| Eagle Rock    | 12.0 |
| Frostburg     | 4.9  |

many locations. Single digit lows were observed by **Greg Latta** of **Frostburg** and **Rebecca Harvey** of **Eagle Rock**. **Dave Leshner** of **Davis 3 SE WV** observed 0 F.

This cold weather did not last long. By the 28th temperatures warmed up to the 60's. Minimums on the 29th were generally in the 50's but a few 60's were reported.

Rainfall amounts of over an inch fell from Carroll County west into West Virginia from the 27th to the 30th. The heaviest fell in Washington County where **Max Hutto** of **Smithsburg 1.5 SW** reported 2.53", and **Jim Vaughn** of **Smithsburg 2 NE** 2.24".

# OBSERVER COMMENTS FOR NOVEMBER 2005

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

**22nd** - 29.12" barometric pressure set a new minimum November pressure. Old record 29.31 set 11/25/2004. Barometric pressure records since 1991.

**24th** - 53 mph wind gust tied November's max wind gust set on 11/13/2003. Wind records since 1990

## **Greg Latta of Frostburg**

**24th & 25th** - 4" of snow on ground at obs (7AM)

## **Nate Mullins of LaVale**

**23rd** - Steady snows moved in by 8 PM and continued through midnight heavy at times.

**29th** - Heavy rain, streams overflowed. Numerous reports of flooded roads and basements.

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

**23rd** - Period of evening wet snow.

**29th** - Showers with a few brief evening downpours.

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

**Fall Stats:** Avg Max 68.9, +4.2; Avg Min 45.7, +2.5; Avg Temp 57.3, +3.3; Precip 15.83, +2.23

First half of the month warm—able to paint shelter.

**3rd** - Number of contrails visible.

**6th** - Distant thunder.

**8th** - Thunder south and southwest.

## **Marty Sharrow of Owings Mills**

**3rd** - AM frost; then sunny and warmer.

**6th** - AM fog, variable clouds, breezy with evening t-storms.

**18th** - Azure blue skies and chilly.

**19th** - Frosty start; sunshine and cool.

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

**16th** - PC, warm, PM showers, turning much colder.

**25th** - Sunny, breezy, cold.

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

**2nd** - Brief shower, clearing and mild.

**10th** - Windy, colder, partly cloudy.

**16th** - Warm, humid, heavy showers PM.

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

**Fall Stats:** Avg Max 68.3, +3.9; Avg Min 47.1, +1.3; Avg Temp 57.7, +2.5; Precip 16.91, +3.89

**6th** - Hail from evening thunderstorm at 7:08 PM.

**22nd** - Rain mixed with sleet before ending in late morning.

## **Ray Muller of Westminster City**

**23rd—24th** - Clipper brings first snow of season. Low barometric pressure of 29.29"

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

**1st** - Mostly sunny day and warm!

**12th** - Very hard freeze and frost this morning. Warmer today and mostly sunny.

**29th** - Windy with strong gusts. Cloudy with overnight showers. Temps constantly in the 60's. Rain showers on/off. Very heavy rain and thunder from 7:45PM—8:15 PM.

## **Rebecca Harvey of Eagle Rock**

**25th** - 12" snow cover, maximum depth for the month

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

**3rd** - Scattered morning frost.

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

**11th** - First freeze. Second latest on record.

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

Very mild fall contributed to a bumper crop of figs from our fig tree, culminating with 133 figs picked on the 13th. The remaining figs were picked on the 19th before the tree was finally covered for the winter. I have never picked figs into November before.

**11th** - Morning frost. First freeze of the season. This was the latest first freeze in 20 years of records.

**23rd** - Snow began ~6:45 PM, ending by late evening.

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

Autumn precipitation 13.90"

**11th** - Latest first freeze. Previous 11/6/00 & 11/6/04

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

Completed 27 years of records. (Dec 1978—Nov 2005).

## **Joe Terry of Forest Glen**

**16th** - First significant rain in over 3 weeks. Strong cold front dropped the temperature 17 degrees in one hour.

**25th** - Dew point fell to 0F.

## **Brian Smith of Oxon Hill**

**12th** - Widespread light frost.

## **Floyd Abell of Hollywood**

**16th** - Evening showers and weak thunder.

**21st** - Rain started mid morning—late evening thunder.

**23rd** - Fair day, evening snow to rain & snow mix.

## **John Zyla of Ridge**

**21st & 22nd** - Very low barometric pressure of 29.00".

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

**1st** - AM frost, sunny, pleasant, windy, PM showers

**25th** - Coldest temperatures since March 10th.

**29th** - Windy, warm, rain & thunderstorms. Extremely windy with the highest peak gust so far this year.

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

**3rd** - Great fall day mostly sunny and mild.

**9th** - Late evening thunder, lightning & gusty winds 29 mph.

**12th** - Hard freeze

**16th** - Warm and breezy overnight temp in the 60's all night.

**29th** - Warm & windy overnight with a few showers. Strong SE winds gusting to 41. Temps remained in the 60's all night.

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

**Fall Stats:** Avg Max 69.3, +2.7; Avg min 47.9, +2.5; Avg Temp 58.6, +2.5; Precip 11.03, -0.33"; Snow 0.4", -0.9". This fall tied 1985 as the second warmest.

**25th** - First November max temp below 32 since 11/27/1991.

**29th** - Max wind gust of 66 MPH tied the max Nov gust set on 11/19/2003.

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

**1st** - Late PM light rain.

**7th** - Minimum temperature occurred in the late PM.

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 would not be possible.