



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

## PRECIPITATION AND TEMPERATURES BELOW NORMAL

The month began on a dry, sunny note. Dry air the first three days made for ideal conditions which allowed stations conducive to strong radiation cooling to fall to the mid 30's and below while others remained 40 or above. An example of this was on the 2nd and 3rd stations in cooler Carroll County northwest of Baltimore were in the low 40's while in normally warmer St. Marys County southeast of Washington temperatures fell to the low to mid 30s.

The third was the warmest day of the month. Temperatures were generally in the low to mid 70's across most of the region. By the sixth temperatures fell to freezing or below at most stations across the region. **Stan Rossen of Glenmont 1 NNE** reported that the 28 degrees which he observed was the latest first freeze date at his station.

Temperatures quickly rebounded after this brief cold spell. Maximum temps for the 7th - 10th were back in the 60's while minimums rose to the 40's with 50's on the 9th.

The first precipitation event occurred on the 9th and 10th. This was the heaviest event in six weeks. Amounts averaged 1/2" across the region. The heaviest amount fell at **Hagerstown 1 E** where **Greg Keefer** measured 1.31". This was the only station to observed 1" or more precipitation. **Mike Van Wie of Orville** observed the least amount where only 0.22" fell.

The 20th saw snow flurries and squalls moving from west to east across Maryland. Snow was observed as far south as the northwest suburbs of Washington, D. C. East of the mountains, **Herb Close of Manchester 1 S** recorded 0.8" and **Jim Vaughn of Smithsburg 2 NE** recorded 0.2". All

others who reported snow received a "trace". **Rebecca Harvey of Eagle Rock** measured 8.3" from the 20th to 23rd. This was the first snow observed by many observers. Scattered snow reports were also reported for the 14th, 23rd, 29th and 30th at various stations.

The Thanksgiving Holiday weekend had varied weather this year. The long holiday weekend began cold with many stations recordings their coldest temperatures of the month. Thanksgiving day (23rd) was sunny and cold. A coastal storm moved up the coast bringing rain Saturday afternoon (25th) through the morning hours of Sunday morning (26th). Amounts were over an inch east of the Chesapeake Bay and southeast of Washington D. C. **Mike Van Wie of Orville** measured the maximum amount of 1.95" for the 24th and 25th. The coldest temperatures of the month occurred on the 23rd or 24th at many stations. The month finished out on a cold note. Maximum temperatures did not rise above the middle 40's to low 50's across the region.

### NOTES

Robert Rickell held his annual party on Saturday, November 25th. Despite the cold temperatures and the pending storm the turnout was great. Around two dozen people came this year. Floyd Abell of Hollywood traveled the furthest not counting Dan Hanson of

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### EXTREMES REPORTED BY ACON OBSERVERS

#### MAXIMUM TEMPERATURE

Glenmont 1 NNE	76
Jug Bay Wetlands	75
Hollywood	74
Forest Glen	74

#### MINIMUM TEMPERATURE

Eagle Rock	2
Parkton 5 SW	14
Gaithersburg 2 WNW	14
Hanover 2 S, PA	15

#### WARMEST AVG. TEMP.

Baltimore 2 SE	48.0
Ridge	47.6
Bryans Head 2 ESE	46.3
Hollywood	45.9

#### COLDEST AVG. TEMP.

Eagle Rock	35.5
Hanover 2 S, PA	40.2
Westminster 4 SSE	41.0
Owings Mills	41.7

#### MAXIMUM PRECIPITATION

Hollywood	2.72
Orville	2.55
Ridge	2.50

#### MINIMUM PRECIPITATION

Baltimore 2 SE	1.43
Glenmont 1 NNE	1.58
Bethesda	1.70

#### MAXIMUM SNOWFALL

Eagle Rock	10.7
Manchester 1 S	0.8
Smithsburg 2 NE	0.3

Taunton Mass who was visiting family in Millersville for the Thanksgiving holiday weekend.

**Catch** Floyd Abell's weather forecast at [www.wlpcconsulting.com/Floyd/Floyd.htm](http://www.wlpcconsulting.com/Floyd/Floyd.htm)

# OBSERVER COMMENTS FOR NOVEMBER 2000

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

The dryness which began on Sept 27 continued. Half of the months rain fell on the evening of the 25th and the morning of the 26th. Temperatures rose to 60 or higher only once since the 10th. The winds gusted to over 40 MPH on four days for the first time since January when eight days were observed.

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

### **Fall 2000**

Average Maximum Temperature 64.7

Average Minimum Temperature 41.9

Average Mean Temperature 53.3

Precipitation 7.83"

**1st** - Clear, cool night. Stars extremely bright.

**6th** - Heavy killing frost.

**20th** - Heavy AM frost, fog, snow shower @ 2:45 PM sky in NW very dark with virga visible.

## **Marty Sharrow of Owings Mills**

**16th** - Killing freeze and frosty start, then variable clouds.

**22nd** - Considerable sunshine but quite cold.

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

**29th** - Light rain in PM with thunder.

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

**12th** - Halo around full moon.

**20th** - First heavy frost, first measurable snow of the season.

**25th** - Rain and wet snow mix 5-8 PM.

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

**10th** - 2 AM squall line with heavy rain and wind.

**20th** - Afternoon snow squall.

**22nd** - Windy and very cold. Max temp only 31.

**29th** - Clear, then rain / thunder.

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

### **Fall 2000**

Average Maximum Temperature 64.1

Average Minimum Temperature 44.5

Average Mean Temperature 54.3

Precipitation 8.65"

**6th** - First freeze and killing frost. Latest on record for fall (18 years record).

**13th** - Heavy fog with rime.

**23rd** - Record minimum temperature.

**25th** - Temperatures rose to 47 at midnight with gusty east winds.

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

**20th** - RW changing to SW's mid afternoon, ending by 3:30 PM.

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

**8th** - Smoke and haze from Virginia forest fires.

**20th** - Snow squall 2:30 - 3:00 PM. Brief rain at onset.

**29th** - Thunder 6:30 - 7:00 PM.

## **Rich Giannola of Olney**

**20th** - Mid afternoon RW followed by SW before ending.

**29th** - One lightning flash and one thunderclap. Mostly clear by 10 PM with some GF (ground fog).

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

**6th** - Latest first freeze on record. Old record was 11/04.

## **Joe Terry of Forest Glen**

First 11 days reached 60 or higher then no 60 degree temps for the rest of the month.

**9th** - Most rain in 44 days (0.07")

**22nd** - Sunny, cold. Dew point as low as 4 degrees.

## **Bill Hudelson of South Bowie**

**10th** - Rain during night. Thunderstorm 0200 hours.

**12th** - Lunar halo 2200 hours.

**16th** - Sun dog at 1000 hours.

## **Floyd Abell of Hollywood**

**18th to 25th** - Station November record of eight straight days with low temperature in the 20's.

**25th** - Afternoon and evening rain, heavy at times.

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

**1st** - Low of 28 F a Hard Killing freeze. Another bright sunny day with near 100% sunshine.

**14th** - A few very light rain showers this morning 6- am only a trace. Breezy and cool today. WNW winds to 28 mph. A few snow flurries late this evening.

**16th** - Cloudy with about 2 flakes of snow today.

**23rd** - THANKSGIVING- Partly cloudy and cold.

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

Precipitation 11.06" below average since July 1, 1998.

**10th** - Thunderstorm with 50 MPH winds.

**25th** - Rain and sleet.

**29th** - Rain, snow, and sleet briefly whitening the ground.

**D**ON'T FORGET TO FORWARD YOUR YEAR 2000 SUMMARY ALONG WITH YOUR DECEMBER REPORT FOR INSERTION INTO THE YEAR 2000 ANNUAL SUMMARY WHICH IS WILL BE ISSUED WITH THE DECEMBER REPORT.

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.