



<http://www.jhuapl.edu/weather/education/ACONdata.html>

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

## WARM MONTH - ONE SIGNIFICANT SNOWFALL

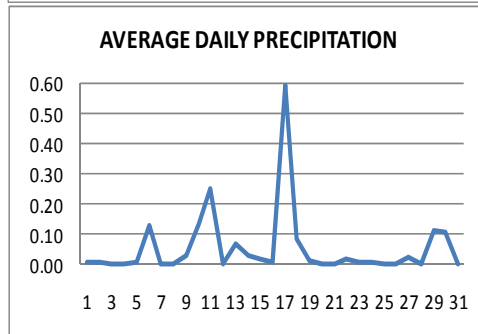
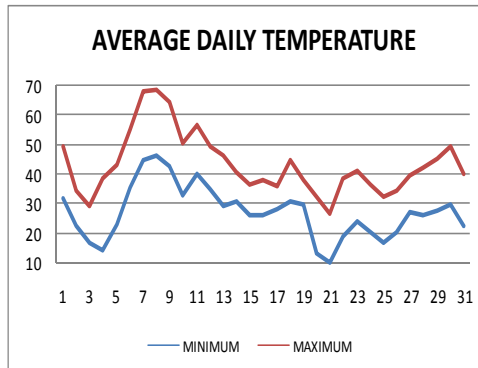
The second month of the 2007-08 winter season was warm and dry. This followed a warm, wet December. Temperatures the first half of the month averaged well above normal while the second half temperatures were more seasonal. There was only one 1"+ snow event. One third to one half of the months precipitation fell during this snow event on the 17th.

The New Year came in mild but by the afternoon strong winds gusting to 30+ mph dropped temperatures into the 30's. Temperatures failed to rise above freezing for the second time this winter on the 3rd.

Light rain showers fell on the 5th and 6th. Unseasonal warm temperatures occurred from the 7th to the 9th. Maximum temperatures were in the 60's and 70's and minimum temperatures were in the 40's and 50's across most of the two state region. Temperatures slowly fell from the 10th to the 15th to more seasonal levels. The slow fall was accompanied by light rain on the 10th, 11th, 13th and 14th.

Most locations had their only one inch plus snowfall on the 17th. Snowfall amounts ranged from 1 to 5 inches. Wet snow changed to sleet and rain except in North Central and Western Maryland east of the mountains where it ended as light freezing rain.

Windy and much colder on the 20th. Single digit temperatures were common on the 21st. Temperatures failed to rise above freezing for only the second time this month on the 21st. Light snow



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

fell in the southeastern area on the 24th.

For details from ACON observers see the Observer Comments Section.

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

Jug Bay Wetlands	75
Bryans Road 2 ESE	75

##### MINIMUM TEMPERATURE

Davis 3 SE WV	-5
Eagle Rock	-2
Frostburg	2

##### WARMEST AVG. TEMP.

Ridge	39.6
Hollywood	39.3

##### COLDEST AVG. TEMP.

Davis 3 SE WV	23.5
Eagle Rock	26.7
Frostburg	27.5

##### MAXIMUM PRECIPITATION

Davis 3 SE WV	7.21
Eagle Rock	5.34
Frostburg	2.29

##### MINIMUM PRECIPITATION

Bethesda	1.21
Owings Mills 2 SE	1.26

##### MAXIMUM SNOWFALL

Davis 3 SE WV	52.2
Eagle Rock	30.2
Frostburg	9.8

##### MINIMUM SNOWFALL

UofD Res. Ctr G'town DE	1.0
Bryans Road 2 ESE	1.7

### OBSERVER COMMENTS CONT. FROM PAGE 2

#### Greg Keefer of Hagerstown 1 E (Cont.)

14th - Some wet snow and rain showers early this morning. No snow accumulation.

17th - Snow began around 10 AM. Wet snow fell most of the day ended by early evening them some freezing rain fell for awhile with a light coating of ice.

20th - Windy and much colder. Temp rapidly fell from 28 at midnight into the lower teens with WNW winds gusting to 30+ mph.

#### Jim Vaughn of Smithsburg 2 NE

7th - Record daily maximum and minimum temperatures.

#### Lance Shaffer of Sterling 4 N VA

15th - Snow squall, 0.2" fell.

17th - Snow changed to sleet and rain.

#### Dave Leshar of Davis 3 SE WV

7th - 13th - Snow depth 0"

25th - Month max snow depth 13".

# OBSERVER COMMENTS FOR JANUARY 2008

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

**17th** - Wet snow accumulated to 2.6" before changing to rain. Wet flakes increased to one inch plus during the evening rush hour just before changing to rain.

**22nd** - Afternoon light rains on freezing ground lead to patchy icy roads during the evening.

## **Nate Mullins of LaVale**

**8th** - Heavy AM fog becoming mostly sunny, warm.

**11th** - Heavy rain overnight tapering off in the morning.

**17th** - Steady snow occasionally mixed with sleet.

**29th** - AM rain and freezing rain.

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

**6th** - Period of rain toward dawn.

**15th** - Few flurries

**17th** - Wet snow late morning changed to rain early afternoon.

## **Marty Sharrow of Owings Mills**

**2nd** - AM flurry, sun & clouds, windy, colder.

**7th** - Morning clouds, PM sun, much warmer.

**17th** - Snow, then sleet, freezing rain. Rain at night.

**21st** - Ineffective sunshine and bitter cold.

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

**2nd** - Variable clouds, windy, cold.

**8th** - Partly cloudy, warm, AM fog, breezy afternoon.

**29th** - Light rain showers AM, afternoon, late PM.

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

**30th** - Intense snow squall dropped nearly an inch in 20 minutes starting at 3:45pm.

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

**9th** - Early showers, clearing, windy.

**14th** - Cloudy, rain and snow showers.

**17th** - Heavy snow, late change over to sleet.

**18th** - Sunny, nice.

**20th** - Very cold. Carry over high. Temps in the teens.

**21st** - Very cold, Sunny.

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

Third driest January in 26 years of records.

**7th** - 69° tied January all-time maximum set on 1/29/2002.

**17th** - Moderate snow, heavy periods of snow pellets and sleet 5 - 6 PM. Glaze during the evening.

**19th** - Considerable high and mid clouds, virga.

**21st** - Mostly clear. High barometric pressure of 30.78"

## **Marty Brumback of Bryans Road 2 ESE**

**17th** - Light snow, small flakes, began at 9:54 AM. Became moderate with larger flakes at approx 10:25 AM. At approx 12:25 PM sleet began to mix with the snow. Rain began to mix with snow and sleet at 12:40 PM and by 12:50 PM only rain was falling.

**19th** - Snow approx 10:00 PM to 10:45 PM. A very brief period of sleet mixed with the light snow.

## **Eric Glass of Emmitsburg 2 SE**

**23rd** - Clear, bright full moon.

**29th** - Light rain.

## **Rebecca Harvey of Eagle Rock**

**16th** - Month max snow depth 10".

**18th** - Glaze.

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

**8th** - Shallow, patchy ground fog at 7:00 AM.

**17th** - Snow during day followed by evening light rain.

**29th** - Light rain shower during day with some light freezing rain 6:45 - 9:00 AM.

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

**2nd** - Flurry ~6:30 AM.

**7th, 8th & 9th** - Record maximum temperatures

**15th** - Snow shower ~ noon.

**17th** - AM snow, mix to rain afternoon.

**20th** - Cold. Afternoon maximum 22°.

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

**17th** - SN began ~9:00 AM, SNPL ~1:45 PM with 4.8" SN. Precipitation changed back to SN by 2:25 PM, then changed to RAPT by 4:25 PM. Additional SN totaled 0.2".

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

**8th** - Clouds high and thin. Very warm 72°.

**17th** - Heavy snow, sleet, and rain.

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

**7th & 8th** - Extreme record warmth, 69° sunny.

**9th** - Record warmth 64°

**17th** - Snow develops mid-morning, changes to sleet / freezing rain mid afternoon.

**29th** - Cloudy, occasional light rain, snow pack all gone.

## **Joe Terry of Forest Glen**

**15th** - Towering CU appeared on the SW horizon by 1000 AM followed by brief, but heavy snow showers around 1200.

**17th** - Light to moderate snow mid morning until changing to sleet by 1315. Change over to rain ~ 1600. Moderately thick drizzle during the evening. Temperatures never fell below freezing.

**21st** - 30.80" Highest barometric pressure since 1/28/05.

## **Brian Smith of Oxon Hill**

**17th** - Light snow 1000 - 1300, heavy sleet 1300 - 1400, light rain 1400 - 2400.

**20th** - Day maximum temperature 25°

## **Floyd Abell of Hollywood**

**8th** - Fair, breezy, warm.

**15th** - Afternoon heavy gusty snow shower.

**17th** - Late morning snow, afternoon and evening rain.

**24th** - Afternoon snow showers.

## **John Zyla of Ridge**

**19th** - Snow most of day, from 2:40pm to 2:40am with 1.1" total snow accumulation. .

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

**1st** - Cloudy, very windy, with falling temperatures.

**17th** - Snow mid AM thru evening changed to freezing rain.

**20th** - Very cold and windy with falling temperatures

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

**3rd** - Cold and windy. NW winds to 30 MPH.

**7th** - Record warmth 70°. Old record 69 set in 1907.

Observers Comments Continued on Page 1

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.