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

## RAINS RETURN AFTER A DRY START TO THE YEAR FIRST SUMMER-LIKE TEMPERATURES

Temperatures this month rose to above average levels as a result of the first heat of the young warm weather season. The thermometer hit the 90 degree mark at all but 8 stations listed in this report. On the other end of the spectrum freezing temperatures occurred at all but 8 reporting stations. Most of the month's rain fell during the first 22 days. The only month's snow was limited to the 7th and 8th.

The month began cloudy with some occasional drizzle and showers. Rain, heavy at times along with some thunder, was followed by strong winds as the storm moved away on the 3rd. Over an inch of rain fell in parts of Central Maryland. **Joe Manfre** of **Baltimore 2 SE** reported 1.50". Winds gusts of over 50 mph was reported at the following sites: 58 at BWI, 53 at **Smithburg 2 NE**, 52 at Salisbury, and 51 at **Laurel JHU/APL**. **Jim Vaughn** of **Smithsburg 2 NE** reported a minimum barometric pressure of 29.07", **Greg Keefer** of **Hagerstown 1 E** 29.10", **Gary Gallaher** of **Bear 2 SW DE** 29.12", **Ray Muller** of **Westminster City** and **Gary Hull** of **Sharpsburg** each 29.14".

The 7th was colder, mostly cloudy, and windy. Flurries fell on the 7th and early on the 8th at many stations west of the I-95 corridor. Measurable snows fell from Carroll County westwards. **Rebecca Harvey** of **Eagle Rock** reported 6.0" and **Dave Leshner** of **Davis 3 SE WV** 8.6" on the 7th & 8th.

The coldest air of the month occurred on the 12th & 13th. Minimums on the 12th were in the low to mid 30's and on the 13th 20's occurred at many stations. A cold rain fell on the 14th and 15th when temperatures failed to rise much past 50°. The last freezing temperatures east of the mountains occurred at a few stations on the morning of the 17th.

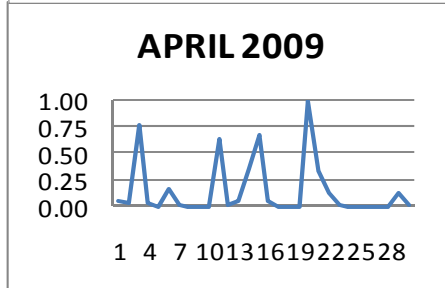
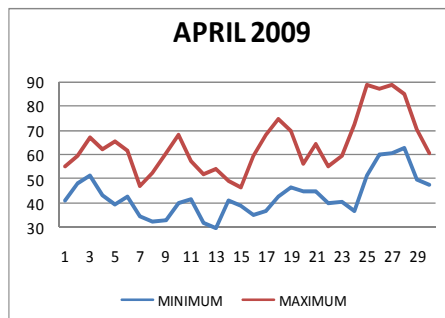
Temperatures rose into the 65° to 75°+ range on the 17th. 80°s were reported by **Marty Brumback** of **Bryans Road 2 ESE** (81°), and **Dan Hanson** of **Pasadena 2 N**, **Joe Terry** of **Forest Glen**,

and **Max Hutto** of **Smithsburg 1.5 SW** (each 80°).

Rains moved back again for the 20th to 22nd. Over an inch and a half fell west of the Chesapeake Bay at many locations. **Rich Giannola** of **Olney 1 S** reported 2.00", **Joe Terry** of **Forest Glen** and **Eric Glass** of **Emmitsburg 2 SE** each 1.93".

The first "summer" heat moved on in the 25th and lasted till the 28th. 90° readings were common. **Nate Mullins** of **LaVale** reported 96°. **Stan Rossen** of **Glenmont** and **Joe Terry** of **Forest Glen** each reported two consecutive days of 95° or higher. See Observer Comments for record temps set by ACON Observers.

Hail was reported by **Brian Smith** of **Oxon Hill** on the 22nd, **John Zyla** of **Ridge** on both the 21st & 22nd. **Kevin Shaw** reported hail in Germantown on the 21st.



### ACON MD/DE Network

Daily average temperatures and precipitation based on observation times, not calendar days.

### EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE	
LaVale	96
Forest Glen	96
Pasadena 2N, & Lothian	95
Montgomery Village 1SW	95
Glenmont 1 NNE	95

MINIMUM TEMPERATURE	
Davis 3 SE WV	19
Eagle Rock	20
Frostburg	25
Smithsburg 1.5 SW	25

WARMEST AVG. TEMP.	
Bryans Road 2 ESE	58.0
Ridge	57.8

COLDEST AVG. TEMP.	
Davis 3 SE WV	45.1
Frostburg	47.7
Eagle Rock	48.5

MAXIMUM PRECIPITATION	
Davis 3 SE WV	6.36
Baltimore 2 SE	6.18
Pasadena 2 N	5.90

MINIMUM PRECIPITATION	
Sharpsburg	3.32
Smithsburg 2 NE	3.41
Sterling 4 N	3.44

MAXIMUM SNOWFALL	
Davis 3 SE WV	14.1
Eagle Rock	7.0
Frostburg	0.7

### NEW ACON OBSERVER

Let's welcome Gary Hull of Sharpsburg, Washington County. His station is located at coordinates 39.27.508, 77.45.317. Gary's Elevation is 425 feet. *Welcome Gary!*

# OBSERVER COMMENTS FOR APRIL 2009

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

**16th** - Excellent AM radiational cooling following yesterday's rain left a heavy, thick frozen dew on cars and above ground wooden surfaces.

**26th** - **92°** daily maximum record.

## **Nate Mullins of LaVale**

**3rd** - Rain, heavy at times, strong PM west winds.

**7th** - Intermittent snow showers, windy, cold.

**27th** - **96°**, Record maximum temp for the month of April.

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

**8th** - Snow shower at 0415.

**15th** - Frequent rain / drizzle, few hours of heavy rain.

## **Marty Sharrow of Owings Mills**

**7th** - Scattered flurries

**14th** - Low overcast, raw with light drizzle and rain.

**16th** - Early frost, then sunshine and much warmer.

**27th** - Blazing sun, hot.

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

**25th** - Hot, low humidity, evening thunderstorm.

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

**2nd** - Fog early, cloudy, warmer.

**24th** - Frosty, then sunny and warmer.

**25th** - Hot, late thunderstorm south.

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

**6th** - Light showers, windy, PM max 58, minimum barometer 29.22".

**21st** - Dense AM fog, evening thunderstorm.

**27th** - Very warm, minimum relative humidity 23%.

## **Ray Muller of Westminster City**

**3rd** - Low barometer 29.14" @ 11:05 AM.

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

**4th** - 100% sunny and clear. Breezy.

**21st** - Thundershower @ 6:30 PM, Steam fog on road.

**24th** - Mostly sunny and pleasant.

**30th** - Overcast dreary day.

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

**26th** - Clear, sunny, warm.

## **Rebecca Harvey of Eagle Rock**

**16th** - Heavy frost.

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

**3rd** - Minimum barometer 29.18"

**4th** - PWG 45MPH from West at 3:39 AM

**7th** - AC lenticularis at 7 AM.

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

4 days with thunder, 3rd, 6th, 20th & 21st.

Record maximum temperatures on the 24th, 25th (Tied), 26th & 27th.

**7th** - Flurries noon, 3 PM & 6 PM.

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

**4th** - A sunny but very windy day.

**21st** - Thundershower late afternoon into early evening.

## **Richard Holden of Clarksburg 2 ENE**

**3rd** - Minimum barometric pressure 29.22"

**3rd, 20th, 21st** - Heavy rain.

**7th** - Light snow

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

**12th** - Sunny day, frosty AM, increasing afternoon clouds, light rain developed during evening.

**14th** - Cloudy, cool, fog, occasional light rain / drizzle.

**21st** - Hail observed in Germantown.

**25th—27th** - Sunny, hot!

## **Joe Terry of Forest Glen**

**3rd** - Very low barometric pressure for April 29.17".

**20th** - Evening thunderstorm with a heavy rain shower.

**27th** - **96°**, April station record (15 years) maximum temperature.

## **Brian Smith of Oxon Hill**

**3rd** - Heavy thunderstorm 0900 - 0930.

**22nd** - Hail 12:23—12:26 PM Maximum size 1/4"

## **Floyd Abell of Hollywood**

**7th** - Brief afternoon snow rain shower.

**21st** - Fair, then gusty evening thunderstorm.

**30th** - Patchy rain before dawn.

## **John Zyla of Ridge**

I had my first **2 90** deg days in April in station history!

**20th** - Thunderstorm with pea sized hail at 7:17 PM.

**21st** - Thunderstorm with pea size hail at 3 PM.

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

**2nd** - AM haze, mostly cloudy, warmer, PM shower.

**14th** - AM shower, flurries, much colder, windy.

## **Greg Kefer of Hagerstown 1 E**

Snowfall for season of 2008-09 was 6.6" which was the 3rd least snowfall on record. Record least 3.9" in 1972-73 and 2nd least is 5.6" in 1937-38 season.

**3rd** - Becoming windy with strong west winds gusting to 48 MPH this afternoon and evening.

**7th** - Colder with snow flurries throughout the day.

**24th** - Light morning frost.

**25th** - Record high of **92°**. Old record **91°** set in 1915.

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

Snowfall for the 2008-09 season was 12.1" which is the fourth lowest on record. Record minimum seasonal snowfall is 5.8" set 1972-73.

**27th** - **71°** minimum set a record for the month of April. Old record max minimum was 66 set on 4/19/2004.

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

**7th** - Flurry.

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

**8th** - Maximum snow depth 8"

**23rd** - 3" snow depth at obs time, last of the month.

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.