



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

WARM MONTH WITH BELOW AVERAGE PRECIPITATION IN MANY AREAS

After a cool May temperatures made a sharp rebound this month. Temperatures averaged 1½ to 3+ degrees above normal. At many locations it was the warmest since August 2002. No severe storms including tropical weather affected the region. Meanwhile precipitation varied across the region. Most of the precipitation fell at the beginning and end of the month. Strong thunderstorms occurred on the 6th and 29th. The wettest region was Southern Delaware and the lower Eastern Shore of Maryland. Northern regions east of Carroll County and Western Maryland were the driest. According to the United States Department of Agriculture adequate topsoil moisture in Delaware fell from 91% at the beginning of June to 67% at months end while Maryland saw a decrease from 84% to 36%.

June began on a cool note. Minimum temperatures on the first fell to near 50 in many areas. **Rebecca Harvey** of **Eagle Rock** reported 42 while the temperature fell to 44 at the Salisbury Airport. A day long soaking rain along with quite cool temperatures occurred on the 3rd. Maximum temperatures were in the low to mid 60's. Rainfall amounts of 1 to over 2 inches fell across Southern Delaware, Maryland's Lower Eastern Shore and southern St. Marys County.

The first long stretch of

heat and uncomfortable humidity began on the 5th and lasted through the 16th. This was an unusually long stretch of consecutive days where the maximum temperature failed to fall below 80 degrees for early June. A four (4) day stretch of very pleasant weather with low dew points followed. Humid conditions along with some hot, hazy conditions and 90 degrees plus temperatures returned on the 21st and lasted to month end.

Heavy thunderstorms rolled across parts of the region on the 6th. Amounts of over 1 inch were common in the Baltimore – Washington metropolitan region. The heaviest rains fell in Baltimore City and Anne Arundel County. 1.96" was observed by **Jeff Stoudt** of **Laurel 2E**, 1.95" at **Jug Bay Wetlands**, and 1.86" at **Baltimore 2SE** by **Joe Manfre**. **Greg Keefer** of **Hagerstown 1E** in Washington County reported 1 inch in just 35 minutes and damaging winds. Jim Vaughn reported a peak wind gust of 62 MPH. Hail was reported in eastern Washington County.

Heavy thunderstorms were scattered across the region on the 29th. The only daily precipitation amounts of over 2 inches was observed by **Kevin Shaw** of **Gaithersburg 2 WNW** (2.27") and **Al Kreinik** of **Parkton 5SW** (2.25").

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Smithsburg 2NE	98
Montgomery Village 1SW	95
Oxon Hill	95

MINIMUM TEMPERATURE

Eagle Rock	42
Davis 3 SE WV	46
Frostburg	47
Smithsburg 1.5SW	47
Wash Gas Light Rockville	47

WARMEST AVG. TEMP.

Baltimore 2SE	77.3
Oxon Hill	75.9
Smithsburg 2NE	75.8

COLDEST AVG. TEMP.

Davis 3 SE WV	64.1
Eagle Rock	66.2
Frostburg	67.0

MAXIMUM PRECIPITATION

UofD Warrington Farm	5.98
Gaithersburg 2WNW	5.51
Parkton 5SW	4.54

MINIMUM PRECIPITATION

Davis 3SE WV	1.72
Eagle Rock	1.80
Smithsburg 2NE	1.82

OBSERVER COMMENTS FOR JUNE 2005

Gary Gallaher of Bear 2 SW, DE

2nd – Good soaking rain.

5th – Warmer, deep blue cloudless day.

13th – Tropical humidity

15th – Less humid. 77 degree morning minimum temperature.

28th – Very humid. Heavy thunderstorms south and southwest of station.

Nate Mullins of LaVale

Hottest June since 1994.

1st – Clear and cool overnight. Afternoon light SW breezes.

25th & 26th – Sunny, hot, hazy and humid.

Jeff Stoudt of Laurel 2 E

6th – Repeating evening thunderstorms.

Al Kreinik of Parkton 5 SW

9th – Very dark 3 PM thunder to the west. Moderate rain with thunder and lightning @ 3:30PM.

28th – Darkening sky heavy thunder to W & NW with heavy rain north of station but none here.

29th – Brilliant lightning and thunder, heavy rain @ 4:30 PM.

Marty Sharrow of Owings Mills

4th – Early low clouds and fog. Clearing late.

22nd – Sunshine and quite comfortable.

27th – Cloudy intervals, humid with a few showers.

Joe Manfre of Baltimore 2SE

6th – Hot with heavy PM thunderstorms.

24th – Sunny, hot, more humid.

Ralph Hartsock of Westminster 4 SSE

4th – Clouds and fog early - late clearing.

9th – Hot and humid with afternoon thunderstorms.

14th – Hot, hot, hot & sunny.

17th – Sunny, dry and cool.

Bobby Miller of Millers 4 NE

Third warmest June of 24 on record and the warmest since 1994. 4 days with maximum temperatures in the 90's. The year 2003 saw three and none occurred in the year 2004.

3rd – Daytime maximum temperature 62.

8th – Warmest maximum temperature since 8/19/2002.

29th – Thunderstorm with vivid lightning after observation. Tree struck ¼ mile away.

Manuel Farfan of Frederick 4 N

6th – First 90 degree day. Hazy, hot, humid. Heat index rose to 99.1 and the dew point rose to 74.3 F.

14th – Heat index peaked at 99.9 F.

29th – Strong thunderstorm around 5 PM. Grass turning brown...but not mine – I am watering it.

Rich Giannola of Olney 1 S

13th – Thunderstorm began 6PM. Rainbow at 7:50 PM. Rain ended at 8 PM.

Kevin Shaw of Gaithersburg 2

Warm, wet month. 89% of the months rain fell on three (3) days with the heaviest, 2.27", falling on the 29th. Temperatures averaged over 3 degrees above normal while the maximum only hit 94 degrees.

Stan Rossen of Glenmont 1 NNE

Maximum temperature of 94 was the warmest since 8/22/2002 when it also hit 94..

Joe Terry of Forest Glen

17th- 20th – Spectacular late spring weather. Dew points as low as they get this time of the year – upper 40's on the 17th.

29th – First good rain in almost 3 weeks. Well defined mammatus overhead at onset of evening thunderstorm.

Brian Smith of Oxon Hill

11th - 1740-1840 upper portions halo occasionally with upper tangent arc and left perihelion

Floyd Abell of Hollywood

7th – Storms before dawn.

16th – Fair then heavy afternoon shower. Clear evening.

Max Hutto of Smithsburg 1.5 SW

3rd - Overnight rain, Cooler, P.M. rain changing to drizzle

9th - AM Haze, Mostly cloudy, Continued hot, Showers from nearby T/storms

29th - Hot, Humid, PM T/storm and then another shower, Windy

Greg Keefer of Hagerstown 1 E

7th warmest June on record. The all-time warmest is 75.0 set in 1899 and tied in 1943.

6th – First 90 degree day of the year. Heat index peaked at 100. Intense thunderstorm mainly between 5:30 PM – 6:30 PM with black skies, strong winds to 47 MPH, and heavy downpours over 1 inch in 35 minutes with frequent and sharp lightning. Reports of hail and wind damage in area. More light thunderstorms in area 10 PM.

28th – Oppressive heat and humidity. Heat index 102. All thunderstorms went around or dissipated.

29th – Thunderstorm dropped 0.44" in about 15 minutes.

Jim Vaughn of Smithsburg 2 NE

The past 9 weeks have been the driest since late 1998. By months end the grass has long since turned brown. This was the fourth driest June (driest 0.91" in 1988) and the warmest on record (previous warmest 75.3 in 1994) . 15 days of 90+ temperatures break the record of 14 days set in 2002.

Lance Shaffer of Sterling 4 N VA

24th – Hot but bearable.

John Zyla of Ridge

13th – First 90 degree day of the year