



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

SEASONAL TEMPERATURES WHILE MANY DAYS WITH SHOWERS

WARMTH AND COOLNESS BALANCE OUT

Temperatures this month averaged out to be close to normal. The only heat wave (90 degree temperatures 3 days or more) occurred roughly from the 9th or 10th to the 12th at many ACON stations. The warmest temperatures were observed in urban areas such as **Joe Manfre** of **Baltimore 2 SE** station where 99 was observed on the 11th. In Montgomery County, northwest of Washington DC, all observers except one recorded a maximum temperatures in the mid 90's or higher. The "coolest" areas during this early summer heat wave was at **Eagle Rock** in Garrett County and northern Carroll County. Temperatures at **Rebecca Harvey's** station at **Eagle Rock** only reached 84 on the 11th & 12th. She was the only observer not to record a 90 degree day during this heat wave and for the the entire month of June.

Unseasonable cool maximum temperatures occurred on 5th and 6th. Maximum temperatures were mainly in the 60's. A few stations remained in the 50's. The coolest maximum temperatures was 57 which was observed on the 6th by **Herb Close** of **Manchester 1 S** and **Rob Rickell** of **York 1 S, PA**. Another cool spell occurred on the 13th and 14th. This time the coolest temperatures was east of the Chesapeake Bay.

MANY SHOWERS

June saw rain fall in form of numerous thundershowers, thunderstorms, rain showers and a general rain on nearly half of the days. **Tony Scafide** of **Bethesda** observed 18 days with measurable precipitation, the most of any ACON observer.

The first 11 days were the driest. Generally rain fell around the 2nd and also on the 5th & 6th. On the 12th rain returned and remained through the 29th. The only days (in general) where rain did not fall was the 20th, 23rd and 24th.

Numerous thundershowers and thunderstorms were reported but only one observer reported storm damage. **Jim Vaughn** of **Smithsburg 3 NE** reported loosing some siding from his home on the 19th. **Rob Cohen** of **Potomac 4 N** who reported hail on the 2nd was the only ACON observer to report hail.

SEVERE WEATHER EVENTS

On the 17th lightning killed one person and injured 7 people as they sought shelter under a tree in Annapolis.

The National Weather Service reported that the following for the 21st:
Montgomery County - Colesville area F-1 Tornado: Occurred at the end of Colesville Manor Drive off of New Hampshire Ave. The path was 100 yards wide and 1.25 miles long.

Prince Georges County - Laurel area F-1 Tornado and Microburst: Patuxent Greens Country Club Golf Course lost over 80 trees and many more downed trees as the track moved into the woods east of the course. There was a very concentrated area of high

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Gaithersburg 2 WNW	99
Baltimore 2 SE	99
Jug Bay Wetlands	97

MINIMUM TEMPERATURE

Eagle Rock	44
Parkton 5 SW	48
Westminster 4 SSE	48
Smithsburg 3 NE	48

WARMEST AVG. TEMP.

Baltimore 2 SE	76.9
Ridge	75.1
Hollywood	74.8
South Bowie	74.6

COLDEST AVG. TEMP.

Eagle Rock	67.4
Hanover 1 S	69.6
Parkton 5 SW	70.2

MAXIMUM PRECIPITATION

Jug Bay Wetlands	7.86
California	7.73
South Bowie	7.26
Wilmington 4 NNE DE	6.82

MINIMUM PRECIPITATION

Baltimore 2 SE	2.61
Bear 2 SW DE	2.81
Millersville 1 SE	3.06

winds and indication of the trees being twisted around one another. There was minor damage to buildings. The tornado path was 1 mile long from route 197 to the Patuxent River. The width was 250 yards.

Anne Arundel County - Laurel area Microburst: Surveyed area along Brock Bridge Road where significant tree damage occurred. Damage resembled the type of damage associated with a microburst. Damage was also reported in the Odenton and Pasadena area.

FOR MORE INFORMATION
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OBSERVER COMMENTS FOR JUNE 2000

Gary Gallaher of Bear 2 SW, DE

Seasonal temperatures. Cool spells balanced out by warm spells. Precipitation below normal. Numerous showers in area, but many passed by. Ground drying out and grass turning brown. Good rains from thunderstorms on the 25th-30th.

Jim Canavan of Wilmington 4 NNE

28th - Heavy rains. 2.94" fell

Al Kreinik of Parkton 5 SW

June had 14 days with measurable precipitation, lush grass growing and much mowing.

6th - Rain began early AM, overcast afternoon provides for cool, damp day. Max temperature only 59.

15th - Thunderstorm with vivid cloud-cloud lightning and prolonged thunder.

29th - Much cloud-cloud lightning, thunder with brief heavy rain.

Marty Sharrow of Owings Mills

A fairly typical June with spells of hot weather and especially in the second half of the month - significant rainfall.

30th - Mostly sunny, breezy, and very comfortable.

Joe Manfre of Baltimore 2SE

At my station, below normal precipitation.

10th - 97 degrees - sunny, hot, moderate humidity.

Herb Close of Manchester 1 SW

2nd - Isolated severe thunderstorm 41 MPH gust.

29th - Brief heavy thunderstorm, very windy - 45 MPH gust.

Bobby Miller of Millers 4 NE

Frequent showers / thundershowers. Crops are in excellent condition. Temperatures about a degree above and precipitation an inch above short term average. Thunder occurred on 9 days.

2nd - Brief heavy shower with thunder 8:15-8:25 PM. Wind gust of 45 MPH from the WSW at 8:21 PM.

6th - Daytime maximum temperature 57 degrees.

Ralph Hartsock of Westminster 4 SSE

16 days with rain, mostly small amounts for an average month total.

21st - Partly cloudy and warmer - Late heavy storms.

25th - Hot & humid - severe showers late - Heavy rain and wind 47 MPH gust.

Rich Giannola of JHU/APL Laurel

13th & 14th - AM fog each day.

Rob Cohen of Potomac 4N

2nd - Thunderstorm 6:30 PM brief pea sized hail.

Rich Giannola of Olney

5th-6th - Rain began ~10:30 PM on 5th, continuing through the day on 6th, tapering to RW- in the afternoon and evening.

29th - Nice display of CB to SE at 8 PM

Stan Rossen of Glenmont 1 NNE

12th - Thunder was first heard for at 3:25 PM and lasted

nearly 1/4 hour but no precipitation fell. The precipitation came from a light shower around 6 PM.

27th - Thunder was first heard at 2:47 PM and continued until 3:05 PM. There was a very brief light shower at 2:56 PM. There was also a very brief light shower and sprinkles over the next 35 minutes. A shower arrived at 7:33 PM and was over within 20 minutes falling heavily for a time, there was thunder at 7:40 PM.

Kevin Shaw of Gaithersburg 2 WNW

June 2000 was a bit above normal temperature-wise, according to my statistics vs. my long-term normalize, but in light of my immediate shelter vicinity environment changing in May, I think that change has more to do with the above normal temperature statistics than actual climatological reasons. On most hot days, my maximum temperature has been running a good 3-5 degrees above most all stations in the area, including ones that I used to run a few degrees cooler than. On generally cloudy days, I do maintain the old differences between nearby stations, and also on my minimum temperatures the same also could be said. So these high temperature records and monthly statistics for average high temperature must be taken with a grain of salt unfortunately. I only hope I can figure out a good, long term solution, be it a better insulated shelter, perhaps putting a fan in my shelter, or some other solution I have not discovered as yet. Precipitation managed to make a nice recovery during the last half of the month, when 4.09" of my monthly total of 4.45" fell (16th-30th). This 4.09" fell on 11 of the 15 days of the period, in contrast to only 4 days during the first 15 days of the month.

Joe Terry of Forest Glen

1st - Warmer and much more humid, broken clouds AM.

11th - Sunny, hot, and humid. Scattered afternoon CU.

12th - Even more uncomfortable. Late day weak TRW-.

Bill Hudelson of South Bowie

12th - Hazy, hot. Increasing clouds 1600 hrs, brief thunderstorm 1730 hrs.

Floyd Abell of Hollywood

2nd - Hot, humid day - thunderstorm around 9 PM with hail.

Marlene Walchli of California

26th - Moderate haziness all day. Thunder 1745, rain 1830-1845. Muggy.

Greg Keefer of Hagerstown 1 E

11th - Hazy hot and humid high 94. Afternoon heat index was averaging around 100 peaked at 103.

21st - Intense thunderstorms between 7:30 - 9 PM. Ominous black skies, wind gusts to 34 MPH, very intense frequent lightning and heavy downpours 0.91" fell, Vivid lightning to east for Seville hours this evening.

Jim Vaughn of Smithsburg 3 NE

Fourth straight month of above average precipitation for the first time since March - June 1998.

19th - Winds ripped the siding off my home.