



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

FINALLY 90 DEGREES AT MANY LOCATIONS, BUT THE SUMMER OF 2000 COOLNESS CONTINUES

The final month of the Summer of 2000 went into the record books as a month with below normal temperatures and near normal precipitation across the two state and Washington DC region. August was the warmest and driest of the three summer months. The regions average precipitation was 2 inches below last months.

PRECIPITATION

Scattered thundershowers and thunderstorms were numerous but severe storms were rare. **Gary Gallaher** of **Bear 2 SW DE** reported a strong thunderstorm on the 4th around 3:30 PM with 50 MPH wind driven horizontal rain. On the 27th **Herb Close** of **Manchester 1S** reported that 2 1/4" of rain fell at his parents home at Finksburg 2 NW. Also on the 27th **Ralph Hartsock** of **Westminster 4 SSE** reported an evening thunderstorm which brought torrential rains of 2.70" and flash flooding, which was the heaviest one day precipitation observed this month. Other heavy daily precipitation this month were: 2.33" at NWS Dulles, 2.13" at UDEL Research Center, Georgetown DE. Thunderstorms dropped heavy rain in parts of Montgomery County on the 1st. **Kevin Shaw** of **Gaithersburg 2 WNW** observed 1.29", **Rich Giannola** of **Olney** observed 1.35", and **Rob Cohen** of **Potomac 4N** observed 1.45".

Relatively dry weather dominated from the 8th through the 26th. Even though measurable rain fell on over half a dozen days at all stations, only 1/4 to 1/2 inches of rain fell at most stations excluding Delaware and St Marys County in Maryland. The last five (5) days of the month brought tropical showers, some heavy, to the area.

Many stations reported one third to one half or more of their monthly totals during this period. The heaviest fell on the 27th as showers and thundershowers.

TEMPERATURE

Temperatures this month were more "summer-like" this month than they were last month. The month started with high humidity and dew points of 70 or higher. The middle portion was cool and very pleasant for August. Tropical air returned with dew points in the 70's for the last five (5) days of the month.

The first 90 degree temperatures since July 10th and the warmest temperatures of the month occurred generally from the 7th to the 9th at many locations. The 7th was generally the warmest day of the month. **Brian Papa** of **duPont Circle NW DC** observed 96 on the 7th.

Not all stations observed 90 degree temperatures this month. All stations in Baltimore and Carroll Counties along with Eagle Rock, Potomac 4 N and Hanover 2 S PA did not hit the 90 degree mark.

Temperatures on the 21st and 22nd fell to the upper 40's to low 50's at stations outside metropolitan areas. **Rob Rickell** of **Hanover 2 S PA** observed 44 while **Bobby Miller** of **Millers 4 NNE** observed 45 on the 21st

FOR MORE INFORMATION
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EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Smithsburg 3 NE	96
duPont Circle NW DC	96
Four Stations	93

MINIMUM TEMPERATURE

Hanover 2 S, PA	44
Millers 4 NE	45
Parkton 5 SW	46

WARMEST AVG. TEMP.

duPont Circle NW, DC	77.5
Baltimore 2 SE	76.7
Ridge	75.3

COLDEST AVG. TEMP.

Eagle Rock	65.8
Hanover 1 S	69.8
Westminster 4 SSE	70.3

MAXIMUM PRECIPITATION

California 3 NW	6.45
Jug Bay Wetlands	6.02
Hollywood	5.82
Ridge	5.80

MINIMUM PRECIPITATION

Millersville 1 SE	1.70
Millers 4 NE	1.71
Owings Mills 2 SE	1.97

while **Brian Papa** of **duPont Circle NW DC** observed 59 on the 21st.

August saw above normal cloudiness. **Herb Close** of **Manchester 1 S** reported that for the second consecutive month no clear days were observed.

NOTES

Don't forget Rob Rickells Weather Party on October 28, from 2 PM till ??.

Catch Floyd Abell's weather forecast at www.wlpcconsulting.com/Floyd/Floyd.htm

OBSERVER COMMENTS FOR AUGUST 2000

Gary Gallaher of Bear 2 SW, DE

The summer coolness continued this month. Three significant thunderstorms hit the station (4th, 16th, & 27th). The month began and ended on a very humid note. Temperatures for 9 of the first 11 days and the last 4 days were above normal while the balance (except for the 16th) was below normal.

4th - Brief strong thunderstorm around 3:30 PM brought wind (peak gust of 50 MPH) driven horizontal rain which cut the visibility to less than 1/4 mile.

16th - Thunderstorm with heavy rain, frequent and close lightning around 5:20 AM.

Brian Papa of duPont Circle NW DC

21st - Very cool morning, 59 degrees.

Dan Hanson of Millersville 1 SE

11 90 degree days so far, average for year is 39. Summer average temperature 72.4, coolest in station records which date back to 1983. Previous was 73.1 set in 1985.

Al Kreinik of Parkton 5 SW

This was the second consecutive month this summer that the temperature did not reach 90 degrees.

Marty Sharrow of Owings Mills

Despite an absence of rainfall, August was comfortably mild and dry. There were no days that the temperature exceeded 90 degrees, and the dew points remained in the 50's and 60's for much of the first three weeks.

12th - Azure blue skies with puffy cumulus clouds.

Joe Manfre of Baltimore 2SE

A cool month with only three (3) 90 degree days.

Herb Close of Manchester 1 SW

Above normal wet days and cloudy days, but below normal precipitation. No 90 degree days and no clear days for the second consecutive month. Below normal temperatures made it a mild month.

27th - 2 1/4" of rain fell at Finksburg 2 NW (Herb's parent's home) from a thunderstorm cluster while only 0.12" fell here.

Ralph Hartsock of Westminster 4 SSE

27th - Torrential evening thunderstorms brought flooding. The 2.70" that fell almost matched the rain which fell during Hurricane Floyd last September.

Bobby Miller of Millers 4 NE

Summer 2000 Stats:

Average Maximum	80.2	(-2.3)
Average Minimum	61.4	(-0.7)
Average Temperature	70.8	(-1.5)4th coolest
Precipitation	10.44	(+0.33)

This was the third driest of 19 Augusts on record here. All three summer months had similar temperatures averages.

28th through 31st - Beautiful tropical CU/CB moving WNW

Brief tropical showers, high dew points.

Ray Muller of Westminster 1 N

27th - Thunderstorm, peak wind gust of 30 MPH at 1838 hours. 1.00" of rain fell.

Rob Cohen of Potomac 4N

1st - Thunderstorm 7 - 7:30 PM

7th - Brief heavy thunderstorm 530 PM. Thunder also at 7:30, 9 and 11 PM.

Rich Giannola of Olney

1st - Thunder heard 5:45-6:15 PM, TRW began 6:45 PM, TRW+ from 7:05 - 7:35 PM, TRW ended ~ 8PM. Rainbow at 7:50 PM.

Joe Terry of Forest Glen

Another moderately wet month. Numerous thunderstorms but none severe. Relatively cool and comfortable for the month of August.

7th - Hot and very humid. Weak PM thundershower.

8th - Hot, little less humid.

Bill Hudelson of South Bowie

9th - Mostly scattered overcast, Evening severe thunderstorm watch and warning but no storms.

Floyd Abell of Hollywood

3rd - Mostly cloudy, daytime sprinkles, evening heavy rain

24th - Variable clouds, late day heavy thunderstorm.

Clinton Bubb of Morganza

Only day with temperature over 90 degrees since June 26th. Summer precipitation 18.56"

Marlene Walchli of California 3 NW

24th - thin fog early AM. Azure blue skies and sunshine with unrestricted visibility PM.

Greg Keefer of Hagerstown 1 E

7th - Hot and very humid today high of 92. First 90 degree day since June 26th. Heat index peaked at 103. Dew point hit 78 around noon before leveling out into the mid 70's.

9th - Nearby storms around 5 PM with only a trace of rain and some lightning and thunder to the south. Also a very large and unusual barometric pressure drop 5 - 6 PM. West winds gusted to 27 MPH around that time.

Summer 2000 - Average temperature 72.5, 0.5 below normal. Record cool summer 68.1 set in 1927. 12 days with 90 degree temperatures since May, normal for entire year is 28.

Jim Vaughn of Smithsburg 3 NE

Driest of 22 years of keeping record in these mountains. This was the first August with below 2.50" .

Robert Rickell of Hanover 2 S, PA

18th - Temperatures in the afternoon remained in the low to mid 60's with the high only tipping out at 64 degrees briefly in the afternoon. Fog and drizzle helped to keep temps low.