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

TRANQUIL, MILD MONTH WITH BELOW AVERAGE PRECIPITATION WEST OF THE I-95 CORRIDOR

October continued the stretch of above normal temperatures which began after the February snows melted. Sub-freezing temperatures were almost non-existent with only four reported in Maryland. Precipitation was above normal east of the I-95 corridor as a result of the heavy pre-dawn rains on the 1st as the tropical moisture departed to the northeast.

There were five significant precipitation events this month. The first one, which was the heaviest, occurred during the pre-dawn hours of the 1st as tropical moisture moved northeast out of the region. Over 3 inches of rain fell in Northern Delaware.

The second event occurred on the 3rd and 4th. Amounts were generally in the 1/2 to 3/4 inch range. **Marty Brumback** of **Bryans Road 2 ESE** reported 1.05".

The third was on the 14th when 3/4 to 1 inch fell. Again **Marty Brumback** of **Bryans Road 2 ESE** reported the heaviest amount of 1.22" by an ACON observer. Much lighter amounts fell west of Washington County.

The fourth event, which was the lightest, occurred on the 19th & 20th with amounts ranging upwards of 1/2 inch.

The fifth and last occurred on the 27th. One half to an inch of rain were common. **Kevin Shaw** of **Gaithersburg 2 WNW** reported the greatest amount with 1.46".

The warmest period this month occurred from the 4th to the 12th. Temperatures rose into the 70's with 80's at some stations on the 9th and 10th with 80's at all stations east of Allegany County MD on the 11th. The warmest reported was 88° by **Marty Brumback** of **Bryans Road 2 ESE**, and 87° by **Joe Terry** of **Forest Glen**, **Brian Smith** of **Oxon Hill** and **Wes Gleason** of **Hollywood 3 ENE**.

The second warmest period occurred from the 24th to the 28th. Maximum temperatures rose into the 70's with the maximum of 82 reported by **John Zyla** of

Ridge and **Wes Gleason** of **Hollywood 3 ENE**. Summer type humidity occurred on the 26th and 27th. Minimum temperatures on the 27th were in the mid to upper 60's making it one of the warmest so late in the season. The warmest minimums occurred in Sussex Co. DE where **UofD DEOS** stations at **Georgetown** and **Harbeson 8 S** each observed 70°.

Freezing temperatures and frost were rare this month. The first frost reported occurred on the 23rd when temperatures fell into the mid to upper 30's and on the 30th when temperatures fell into the lower to mid 30's. Sub-freezing temperatures on the 23rd were reported by **Mac Hutto** of **Smithsburg 1.5 SW** (31°) and on the 30th by **Bobby Miller** of **Millers 4 NE** (31°) and **Mac Hutto** of **Smithsburg 1.5 SW** (30°).

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Bryans Road 2 ESE	88
Forest Glen	87
Oxon Hill	87
Hollywood 3 ENE	87

MINIMUM TEMPERATURE

Davis 3 SE WV	27
Smithsburg 1.5 SW	30
Millers 4 NE	31
Mont. Village 1 SW	31

WARMEST AVG. TEMP.

Ridge	61.9
Baltimore 2 SE	61.5
Oxon Hill	59.8

COLDEST AVG. TEMP.

Davis 3 SE WV	47.6
Frostburg	52.0
Smithsburg 1.5 SW	54.9
LaVale	55.0

MAXIMUM PRECIPITATION

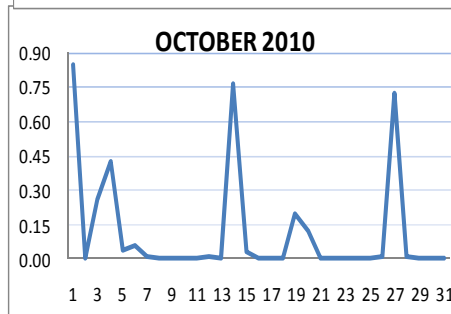
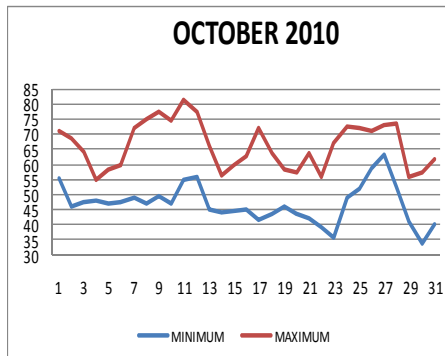
Hollywood 3 ENE	11.80
Townsend UofD DEOS DE	6.43
Bear 2 SW DE	5.62
Middletown 6 N DE	5.49

MINIMUM PRECIPITATION

LaVale	0.97
Hagerstown 1 E	2.17
Westminster City	2.44

MAXIMUM SNOWFALL

Davis 3 SE WV	T
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ACON MD/DE Network

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

Lets all welcome a new member. He is **Wes Gleason**. Wes's station ID is **Hollywood 3 ENE** and is located 4.8 miles ESE of Floyd Abell's closed station. Wes's observation times are 0700 for precipitation and 2400 for temperature

OBSERVER COMMENTS FOR OCTOBER 2010

Gary Gallaher of Bear 2 SW, DE

Seasonal temps. Warm period from the 26th to 28th brought the average up to slightly above normal. No freezing temperatures for the first October since 1995.

1st - Heavy pre-dawn tropical rains (3.03") as a tropical moisture fetch departed to the northeast.

14th - Steady, soaking, daylong rain.

26th & 27th - Warm and muggy.

27th - Minimum temperature 66° tied 11/1/1971 & 11/2/1971 for the warmest minimum temperature so late in the year.

Nate Mullins of LaVale

Well below normal precipitation. Above normal temperatures for the 8th consecutive month.

4th - Record low max temp 51°, old record 53° set in 2003.

26th - Heavy AM fog, PM shower, tornado watch.

27th - 57° min temp tied daily record set in 1977.

30th - AM frost and freeze.

Jeff Stoudt of Laurel 2 E

October was mostly a tranquil autumn month. The warmth from the 24th to the 28th, especially those low temperatures in the 60's, tipped the temperature scale slightly to the warmer side of average.

Marty Sharrow of Owings Mills

11th - Partly sunny and noticeably warmer.

19th - Early showers. Thunderstorm 0250-0320.

29th - AM fog then sunny and warm.

Joe Manfre of Baltimore 2SE

23rd - Partly cloudy, mild, low humidity.

25th - Mostly cloudy, mild, humid.

29th - Variable clouds, cool, breezy afternoon.

Ralph Hartsock of Westminster 4 SSE

8th - Sunny and warm.

14th - Rain, heavy at times.

15th - Partly cloudy, windy, chilly.

23rd - First light frost of the autumn, sunny and milder later.

Bobby Miller of Millers 4 NE

12th - Thunder @ 0333. Mostly clear day.

22nd - AM scattered / broken Sc/Cu, clear by obs time.

23rd - AM frost, period of scattered clouds.

31st - Dry FROPA. Afternoon scattered / broken Sc.

Ray Muller of Westminster City

14th - Cloudy, cool, blustery, rain heavy at times.

30th - Quite cold, scattered frost.

Marty Brumback of Bryans Road 2 ESE

1st - 1.45" rain fell between 2000 obs time and 2400 on 9/30.

27th - Late afternoon ++TSRA and lightning.

Eric Glass of Emmitsburg 2 SE

5th - Heavy clouds, cool.

6th - Lots of clouds, cool, pre dawn rain.

24th - Light clouds, little sun.

Rob Cohen of Potomac 4 N

11th - Record maximum temperature of 82°.

12th - Tied record maximum temperature of 78°.

26th - Quite muggy.

29th - Windy, low 50's during afternoon.

Rich Giannola of Olney 1 S

14th - Rain began after sunrise and ended by 5PM.

15th - Morning SHRA/TSRA (TSRA at 0400).

Richard Holden of Clarksburg 2 ENE

19th - Heavy rain.

27th - Heavy rain, AM min temp 69°.

Stan Rossen of Glenmont 1 NNE

11th - Thunder was first heard at 8:16 P.M. and the rain followed a minute later. It fell moderately but was over by 8:30 P.M. The thunder ended at 8:34 P.M.

19th - The barometer was rather erratic during the first few hours of the day. From a reading of 29.94" at the start of the day it slipped to 29.92" at 12:20 A.M. before shooting up to 29.98" at 12:54 A.M. and then plummeting to 29.90" at 1:16 A.M. It was back up to 29.94" at my special obs. before sliding back to 29.89" at 3:33 A.M. It recovered to 29.92" twenty five minutes later. (Times all EST)

27th - The min. temp. of 67° is the warmest min. recorded here so late in the season. A min. of 67° had not been recorded later than 10/13 which occurred in 1990.

Kevin Shaw of Gaithersburg 2 WNW

This month was relatively normal in many respects, but still exhibited the trend over the past several years of very warm min temps. The avg. minimum and avg. mean temps both were the 4th warmest in 32 years of records.

4th - Daily record min max temperature of 53°

11th - Daily record high max temperature of 82°.

26th & 27th - Daily record max minimum temp of 63°.

30th - Sunny and nice.

Joe Terry of Forest Glen

11th - 87° was the highest temperature so late in the season in this station's 15 year history.

27th - Very warm and unusually humid. Mean dew point for the day was 69°. Heavy early afternoon shower (0.30") accompanied by a little thunder.

28th - Dew point fell from 63° to 38° midday while temperature rose to a very warm 80°.

Brian Smith of Oxon Hill

23rd - Rooftop frost.

24th - 0635 halo.

John Zyla of Ridge

29th - Cool, windy day.

Max Hutto of Smithsburg 1.5 SW

4th - Overnight rain to mid day, cooler, breezy.

9th - Sunny, slightly warmer, breezy.

Greg Keefer of Hagerstown 1 E

1st - Rain mid to 2AM. Tropical event total 3.45".

11th - Partly cloudy warm, 85° record is 87° set in 1902.

Lance Shaffer of Sterling 4 N VA

14th - Good soaking rain

27th - Too muggy.

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.