

**Atlantic Coast Observers Network
 MARYLAND / DELAWARE CHAPTER
 With Data from Nearby Areas**



PLEASANT CONDITIONS

SUBNORMAL TEMPERATURES

Below normal temperatures blanketed the area this month. Winds out of Canada prevailed much of the month. The number of days where the temperature reached 80 degrees or higher were limited severely. The following observers / stations broke the 80 degree mark on the third (3rd): **Jug Bay Wetlands** 82, **John Zyla** of Ridge 82, **Joe Manfre** of Baltimore 2 SE 81, **Joe Terry** of Forest Glen 81, **Floyd Abell** of Hollywood 81, **Brian Papa** of duPont Circle NW DC, **Marty Brumback** of Bryans Head 2 ESE 80 and **Gary Gallaher** of Bear 2 SW 80. **Jug Bay Wetlands** and **Floyd Abell** of Hollywood both also observed 80 on the 30th or 31st. For **Floyd** it was a station daily record maximum for the 31st.

This month began and ended with the temperature in the 70's at most stations. Other 70 degree readings observed were scattered from the 9th to the 16th. The balance of the month saw maximum temperatures in the 60's with a few 50's stuck in. The only station to report maximum temperatures below 40 was **Eagle Rock** in Garrett Country whose elevation is 3000 feet.

Meanwhile minimum temperatures, which also averaged below October normal, fell only to the low to mid 30's at many stations. East of the mountains a few stations reported a their first sub-freezing temperatures on the 28th, but not a killing frost. **Rob Rickell** of Hanover 2 S, PA reported the only killing frost east of the mountains. Otherwise light frost was observed many mornings.

HURRICANE IRENE

The fringe effects from Irene, the last hurricane this season to affect the area, occurred on the 17th and 18th. Irene never made landfall. She made a sharp right turn as it approached the North Carolina coast. The heaviest rains fell on the Maryland Eastern Shore. Ocean City reported 3.49", Salisbury 2.45". Amounts decreased rapidly to the north and west. Southeastern St Marys County ACON observers John Zyla of Ridge (1.30") and Marlene Walchli of California (1.05") were the only two observers to measure one inch or more of rain. Other rainfall amounts outside of St Marys County were generally in the 1/4" to 1/2" range.

NEAR NORMAL PRECIP.

Precipitation averaged slightly above normal in Delaware and on Maryland's Eastern Shore while normal or below elsewhere. Amounts generally ranged in the 2 1/2" to 3 1/2" range. The heaviest amounts fell on the 4th, 10th, 17th, 20th, and 21st.

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	82
Ridge	82

MINIMUM TEMPERATURE

Eagle Rock	28
Millers 4 NNE	30
Hagerstown 1 E	30
Hanover 2 S PA	30

WARMEST AVG. TEMP.

Ridge	59.3
duPont Circle NW DC	59.0
Baltimore 2 SE	58.6

COLDEST AVG. TEMP.

Eagle Rock	49.5
Hanover 2 S	50.9
Westminster 4 SSE	51.2

MAXIMUM PRECIPITATION

Owings Mills	4.35
Wilmington 4 NNE	3.58
Bear 2 SW DE	3.53

MINIMUM PRECIPITATION

duPont Circle NW DC	2.19
Bryans Road 2 ESE	2.20
Millersville 1 SE	2.31

MAXIMUM SNOWFALL

Eagle Rock	2.0
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ACON PARTY SATURDAY, OCTOBER 30



From left to right: Rob Rickell, Joe Terry, George Martin, Gary Gallaher and Dan Hanson. Photo by Marty Brumback.

Rob Rickell of Hanover 2 S, PA held an ACON Weather Party on Saturday, October 30th. Two dozen ACON and non-ACON people enjoyed an afternoon and evening of good friendship, videos, and of course good food prepared by Rob. **Thanks Rob!**

FOR MORE INFORMATION ABOUT ACON CONTACT:

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OBSERVER COMMENTS FOR OCTOBER 1999

Jug Bay Wetlands

Heavy dew accumulated to 0.01" or 0.02" liquid in the rain gauge on many mornings this month.

Al Kreinik of Parkton 5 SW

4th - Thundershower 6:30 AM. Moderate to heavy rain showers 9-10 AM.

7th - Clear morning with very heavy dew.

28th - Frost in low areas some flowers damaged.

Marty Sharrow of Owings Mills

Ample rainfall and seasonable temperatures.

15th - Frosty morning.

25th - Frosty start; Azure blue skies and cool.

Joe Manfre of Baltimore 2 SE

Slightly above normal precipitation.

Herb Close of Manchester 1 S

7th - Frozen dew on car roof and windshield.

21st - Light frost on grass clippings. Frozen dew on car.

25th - Light to moderate frost on windshield.

Ralph Hartsock of Westminster 4 SSE

4th - Heavy early morning and evening thunderstorms

10th - Steady soaking overnight rain

Bobby Miller of Millers 4 NE

28th - First freeze of season - non killing-

Rebecca Harvey of Eagle Rock

4th - Thunder with hail.

24th - 2" of snow

Rich Giannola of Olney

4th - TRW began 6:15 AM. RW's in AM, late afternoon, and early evening. Total = 0.52" by 7:30 PM. TRW 9:15-9:30 PM, followed by more RW's brought 0.41" more.

9th-10th - R began 4:30 PM on 9th, continuing overnight into 10th. R ended by mid-afternoon on 10th = 0.93". Additional 0.01" fell before midnight. Evening fog on 10th.

17th - Occasional L in AM and afternoon. R- and L mid afternoon into late afternoon. More steady R late afternoon into evening. Total + 0.37" by 10 PM, with additional 0.02" before midnight.

19th-20th - R began late evening on 19th, ending in afternoon on 20th.

Rob Cohen of Potomac 4 N

16th - AM fog.

25th, 26th, 27th - Light frost on cars

28th - Light frost.

Joe Terry of Forest Glen

3rd - 81 degrees. Scattered Cirrus.

30th - Sunny, warm

31st - Partly sunny, occasional broken clouds, warm again, more humid.

Kevin Shaw of Gaithersburg 2 WNW

October was a rather ho-hum month, with no outstanding hot or cool spells. Precipitation was below normal once again after a record wet September but not excessively so. It has been 20 years since the last measurable snow fell here in October for this snow lover.

4th - Daily record precipitation amount of 0.74".

Jim Canavan of Wilmington 4 NNE DE

8th - Frost

Gary Gallaher of Bear 2 SW, DE

Pleasant fall month with more sunshine than clouds. Many mornings in the 30's with light frost and afternoon temperatures in the 60's and 70's. Three rain events of 3/4" or more made up most of the months rainfall. Hurricane Irene curved east well off the North Carolina coast on the 17th - 18th brought only light rain and winds to the area.

6th,7th,8th,15th,19th,28th,29th - Light frost on these mornings ranging from light scattered to ground covering, none killing.

31st - Heavy morning fog lifted into an overcast. The sun finally burnt through around Noon.

Bill Hudelson of South Bowie

17th-18th -Overcast, fog, rain began 1400 from Hurricane Irene. Rain ended 0600 on the 18th. Peak wind gust of 32 from the Northwest. 0.44" of rain fell.

Floyd Abell of Hollywood

17th-18th - AM fog, afternoon and evening rain from Hurricane Irene ended by dawn on the 18th. 0.87" of rain fell. Peak wind gust of 34 MPH.

31st - 80 degrees, a station daily record.

Clinton Bubb of Morganza

17th-18th - 0.71" of rain and a peak wind gust of 23 MPH from Hurricane Irene.

Marlene Walchli of California 3 NW

17th-18th - 1.05" of rain from Hurricane Irene.

John Zyla of Ridge

16th-18th - 1.30" of rain from Hurricane Irene. Peak wind gust of 26 MPH.

Greg Keefer of Hagerstown 1 E

1st-2nd-3rd - Three very fine fall days.

4th - Thunderstorms and showers this morning 5 AM - 7 AM with some rather intense lightning and thunder and brief heavy rains 0.51". More thunderstorms this evening 7:30 PM - 9:30 PM with some very wicked and very close lightning strikes and more heavy downpours. Total daily rain of 1.23".

28th -First freeze of the season with moderate to heavy frost

Compiled by Gary Gallaher, MD/ACON DE Data Collector and Report Writer, from data received from observers.