



ACON MARYLAND / DELAWARE CHAPTER



THUNDERSTORM WITH HAIL THEN SNOW 2 DAYS LATER

Temperatures this month averaged slightly above normal to approx. 1.5 degrees above normal this month thanks to a four day warm spell from the 27th to the 30th. Liquid precipitation was a couple of inches above normal while snowfall was below average.

Precipitation occurred on half of the days this month with the heaviest occurring on the third at most stations. Over 1" of precipitation fell at all but six stations across the two state area. Joe Manfre of Baltimore 2 SE was the only observer to measure over 2" (2.32') of rain. The lightest amounts fell on the Eastern Shore and in St. Marys County. Other notable periods of precipitation occurred on the 14th, 18-19th, 26th, 29th and 31st.

Rain and wet snow fell across the area on the 19th. Amounts were generally in the 1" to 2.5" range. The heaviest amount of 3.0" was reported by both Rebecca Harvey of Eagle Rock and Ray Muller of Finksburg.

March saw its usual strong winds. The windiest day in many areas was on the 6th. Dan Hanson of Baltimore 4 SW reported his station's second highest wind gust ever of 66MPH. At Dan's Millersville 1SE station he recorded a peak wind gust of 58MPH which set a station record. On the 29th a fast moving line of thunderstorms moved through the area bringing with it high winds, brief heavy rain and hail at or near many observers stations. Al Kreinik of Parkton 5SW reported a 61 MPH wind gust. A large tree damaged Jim Vaughn's

temperature shelter at Smithsburg. Bobby Miller of Millers 4NE reported pea to marble size hail which covered his deck and ground to 3/4" in some areas. Greg Keefer of Hagerstown 1E reported pea to marble size hail which made the ground slightly white. Sharp lightning and strong winds up to 35 MPH accompanied the noon time storm.

Easter was mild across the area. Rain began to move in from the west after sunset.

The rain continued on the 31st. Temperatures fell rapidly during the day. The rain changed to heavy wet snow in northern Delaware around noon and moved slowly south during the afternoon reaching Washington DC and St. Mary's County to the south and central Maryland to the west. By the time the storm was over early on April 1st, Gary Gallaher of Bear 6WSW measured 7.7".

The GOES8 VIS 01 APR 97 164551 picture on page two was downloaded from the NWS MT Holly Internet Site. This is a visual satellite picture. The interesting feature is the brightness of the picture where the snowcover was deepest in NW NJ and Chester County, PA. Also the sharp back edge in Lancaster County was very evident by the verified snowfall amounts rising rapidly from 3" in central Lancaster Co. to 18" in the town of Christiana in extreme Lancaster County near Chester County.

Monthly Extremes	
Maximum Temperature	
Ridge	82
Custom House NWS	82
Millersville 1SE	79
Glenmont 1NNE	79
Minimum Temperature	
Eagle Rock	10
Smithsburg	13
Warmest Avg Temp.	
Custom House NWS	50.6
Capital Hill	50.1
Ridge	49.2
Coldest Avg Temp.	
Eagle Rock	39.0
Manchester 1S	42.1
Maximum Precipitation	
Eagle Rock	7.60"
Baltimore 2SE	6.78"
Smithsburg	6.22"
Minimum Precipitation	
Millersville 1SE	3.07"
Wilmington NWS	3.49"
Ridge	3.96"
Maximum Snowfall	
Eagle Rock	12.2"
Bear 6WSW DE	6.4"
Owings Mills	6.0"
Minimum Snowfall	
Whaleysville	0.0"

FOR MORE INFORMATION ABOUT OUR GROUP CONTACT:

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