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

WARM MONTH WITH VERY FEW SUB-FREEZING TEMPERATURES

March's highlight was its warm temperatures, especially the minimums. Washington National Airport failed to fall to freezing or below for the first time in Washington weather history. The only ACON observer whose temperature failed to fall to freezing was **Joe Manfre** of **Baltimore 2 SE**.

Precipitation was above average. There were five periods of precipitation, only one of which involved any type of winter precipitation. The ground remained soggy as a result of last month's snow melt and this month's rains.

The month began dry. Light rain on the second became mixed with or changed to snow during the evening of the 2nd across most of Maryland. By the time the event was over 1.3" was reported by **Jim Vaughn** of **Smithsburg 2 NE**. **John Zyla** in St Marys County reported 0.6". Liquid amounts were less than 1/4" of an inch except in Southern Delaware and St Marys County Maryland where around 1/2 inch fell. Dry, sunny, mild conditions with some windy days occurred from the 3rd to the 11th.

The wettest event occurred from the 12th to the 15th. Two to three inches of rainfall were common. The greatest totals reported by ACON observers was 4.03" by **DEOS Townsend 4 W DE**, 3.63" by **Jim Vaughn** of **Smithsburg 2 NE**, and 3.62" by **Greg Latta** of **Frostburg**. Warm temperatures along with the heavy rains on a near record snow pack in the mountains produced significant river flooding in Western Maryland. The wettest and windiest day of this storm event was the 13th. Wind gusts of 40 MPH were common.

The warmest period of the month occurred from the 16th to the 25th. Sunshine was abundant during this period.

Spring 2010 rolled in on the 20th with temperatures in the 70's. The first full day of Spring, the 21st, was the warmest day of the month and year so far. To quote **Jeff Stoudt** of **Laurel 2E** "Pleasantly warm temperatures with plenty of daytime sunshine appropriately accompanied the ver-

nal equinox with highs of 77° and 78° on the first day and first full day of spring respectively."

The month's only thunderstorms occurred on the 22nd. **Nate Mullins** of **LaVale** reported heavy downpours around sunset and a daily rainfall total of 1.10".

The rains which fell on the 25th and 26th was followed by some of the coldest temperatures on the morning of the 27th in Maryland and on the 27th and 28th in Delaware. Readings in the upper 20's was common across the region.

Rains again fell from the 28th to the 31st. Over 2 inches fell in Delaware. **Gary Gallaher** of **Bear 2 SW** reported 2.57" and **David Legates** of **Middletown 6 N** reported 2.46". Strong northwesterly winds followed on the 30th. **Greg Keefer** of **Hagerstown 1 E** reported a wind gust

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands Lothian	80
Forest Glen	79
Laurel 2 E	78
Glenmont 1 NNE	78

MINIMUM TEMPERATURE

Davis 3 SE WV	5
Frostburg	18
Smithsburg 2 NE	22
Manchester 1 SW	23

WARMEST AVG. TEMP.

Baltimore 2 SE	51.6
Bryans Road 2 ESE	50.5
Oxon Hill	50.5

COLDEST AVG. TEMP.

Davis 3 SE WV	35.2
Frostburg	39.9
Emmitsburg 2 SE	46.0

MAXIMUM PRECIPITATION

Harbeson 8 S DE	7.26
Townsend 4 W DE	6.88
Georgetown 5 SW DE	5.97

MINIMUM PRECIPITATION

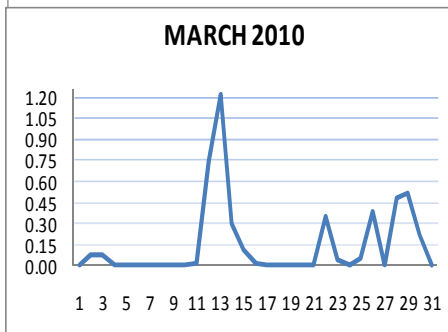
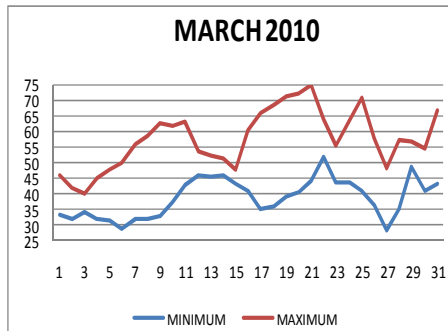
Bethesda	3.34
Millers 4 NE	3.57
Westminster City	3.71

MAXIMUM SNOWFALL

Davis 3 SE WV	6.7
Frostburg	1.5
Smithsburg 2 NE	1.3

of 56 MPH and **Richard Holden** of **Clarksburg** 51 MPH.

TENTATIVE DATE FOR WEATHER PARTY: JULY 17th AT THE HOME OF HERB CLOSE IN MANCHESTER MD.



ACON MD/DE Network

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

OBSERVER COMMENTS FOR MARCH 2010

Gary Gallaher of Bear 2 SW, DE

Near record warmth, 4th warmest of 44. Minimum temperature for the month of 27° was one degree below the warmest minimum of 28° set in 1973.

13th - Heavy rain, 1.55" — heaviest during the afternoon.

20th - Record max of 73°. Old record was 72° set in 1976.

26th - Brief period of sleet / rain during the late morning.

Greg Latta of Frostburg

1st - Max snow depth of the month of 24".

Nate Mullins of LaVale

3rd - Light predawn snow.

13th - Rain, heavy at times, flooding in the area as a result of the heavy rain, warmth, and snow melt.

22nd - Strong PM thunderstorms.

28th - PM rain heavy at times.

Jeff Stoudt of Laurel 2 E

Early yard work remained challenging because of grounds kept soggy by recent snow melt and plenty of new rainfall.

2nd - -RA / DZ with some slush after 1600.

13th - Frequent RA / +RA till dusk..

Marty Sharrow of Owings Mills

March was warmer than normal. March was virtually snowless; a complete 360 from the previous month.

7th - Abundant sunshine and milder.

29th - AM fog, overcast, damp with light rain.

Joe Manfre of Baltimore 2SE

1st - Breezy in the afternoon.

20th - Partly cloudy, warm.

25th - Very windy beginning mid afternoon.

Ralph Hartsock of Westminster 4 SSE

3rd - Light snow, rains showers.

13th - Rain, windy, flooding.

23rd - Breezy, showers at night.

30th - Showers, windy and cold, nasty.

Bobby Miller of Millers 4 NE

1st - Max snow depth of the month of 8", core liquid 2.98".

9th - End of 32 consecutive days with 1" + snow on ground.

13th - Minimum barometric pressure 29.31".

18th - Valley frost.

Ray Muller of Westminster City

12-14th - Overcast with moderate to heavy rainfall. Barometer 29.32", low for the month. Windy on the 13th.

Marty Brumback of Bryans Road 2 ESE

18th - Clear, sunny, warm (maximum 71 °) with afternoon dew points in the 28° to 30° range.

22nd - Thunder late morning and afternoon.

Eric Glass of Emmitsburg 2 SE

2nd - Snow cover core = 4" liquid.

Rob Cohen of Potomac 4 N

2nd - Last day of the record 32 consecutive days with 1" or more of snow on the ground.

13th - Morning rain, gusty winds.

22nd - Thunder late morning and at 6 PM.

Rich Giannola of Olney 1 S

2nd - RA began in afternoon, changed all SN by 7:45 PM.

29th - Fog before sunrise.

Richard Holden of Clarksburg 2 ENE

2nd - Light snow. Max snow depth for the month of 7".

26th - Light rain, light snow.

Stan Rossen of Glenmont 1 NNE

2nd - Light rain and light snow mixed. By 10PM there was finally a fine partial covering on cars but the snow melted on other surfaces.

13th - Rain continued from the 12th into the afternoon. Low barometer was 29.32" was far from the record of 28.52" during the "Storm of the Century" on 3/13/1993.

Kevin Shaw of Gaithersburg 2 WNW

Warmest March (48.8°) broke the old record of 47.7° set in 2000. The average minimum temperature of 39.1° smashed the old record of 35.8° set in 1990. There were 5 days with diurnal temperature range of 30° or more and 8 days with the diurnal range less than 10°.

20th & 21st - Record warmth 75° & 76°.

22nd - Record warm minimum 53°.

Joe Terry of Forest Glen

3rd - Afternoon rain changed to wet snow during the middle of the evening with only a trace accumulation of snow.

22nd - Mid and late day showers, some briefly heavy, and thunderstorms. The thunderstorm activity was minor. Only a few rumbles of thunder with each cell.

Brian Smith of Oxon Hill

7th - Snow pile in front of house gone after 4 weeks!.

Floyd Abell of Hollywood

2nd - Afternoon and evening snow & rain mix.

3rd - Rain mix with snow at times.

22nd - Thunderstorm.

John Zyla of Ridge

2nd & 3rd - Snow 7PM on the 2nd to 2 AM on the 3rd.

22nd - Thunderstorm 11:00—11:30 AM.

Max Hutto of Smithsburg 1.5 SW

22nd - Nearby thunderstorm.

28th - Cold PM rain, heavy downpours, windy.

Greg Keefer of Hagerstown 1 E

Tied 2000 & 1976 for the 6th warmest March. Record is 52.1° set in 1945.

Jim Vaughn of Smithsburg 2 NE

1.3" of snow made this the second snowiest season behind 80.1" set in 1995/96 season.

13th - 2.56" broke the old daily record of 2.10" set in 1993.

Lance Shaffer of Sterling 4 N VA

13th - Gusty winds—no power 5:30 AM to 8:30 AM.

Dave Leshner of Davis 3 SE WV

Snow depth of 41" on the 1st melted down to a Trace on the 27th.

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.