



<http://www.jhuapl.edu/weather/education/ACONdata.html>

# 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

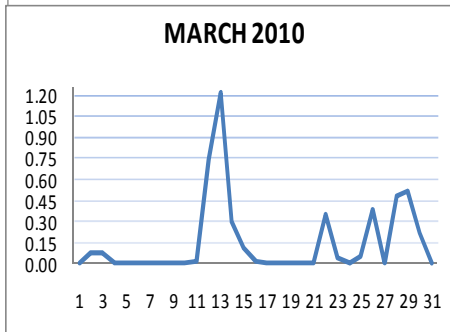
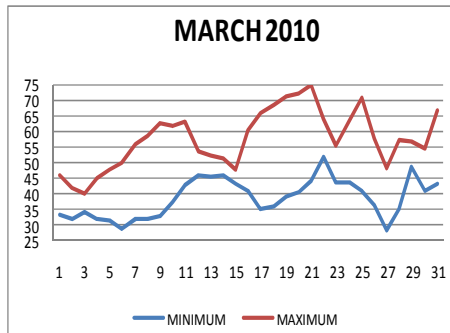
Bethesda	3.34
Millers 4 NE	3.57
Westminster City	3.71

##### 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

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## **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.

**ACON MD / DE / DC  
MARCH 2010 SUMMARY**

OBSERVER	STATION COUNTY, STATE	TEMPERATURE									PEAK WIND			PRECIPITATION					SNOWFALL				OBS TIME		
		AVG MAX	AVG MIN	MEAN	MAX	DAY	MIN	DAY	MAX >=90	MAX <=32	MIN <=32	GUST	DIR	DAY	TOTAL	MAX DAY	DATE	YEAR	DAYS >=.01"	DAYS >=1"	TOTAL	MAX DAY		DATE	SEA- SON
<i>New Castle, Delaware</i>																									
Gallaher, Gary	Bear 2 SW	57.2	36.9	47.1	73	20+	27	28	0	0	8	40	ENE	13	5.83	1.55	13	14.36	14	2	T	T	26	72.7	2400
Legates, David	Middletown 6 N	57.9	37.8	47.9	75	20	27	6	0	0	6	32		13	5.81	1.75	13	<u>10.20</u>	14	2					2400
NWS Wilmington	New Castle Co. Apt.	57.4	38.4	47.9	74	20	27	6+	0	0	4	45	ENE	13	5.37	1.30	13	13.76	13	1	T	T	26	72.7	2400
UofDE AG FARM DEOS***	Newark	57.4	38.0	47.7	75	20+	29	27+	0	0	4	29		13	5.71	1.56	13	<u>9.83</u>	14	1					2400
U of D REC DEOS***	Townsend 4 W	56.1	37.1	46.6	75	21	26	6+	0	0	9	31		13	6.88	2.70	13	<u>11.27</u>	14	2					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	58.5	39.3	48.9	77	21	30	2+	0	0	6	49	ESE	13	6.54	1.77	29	13.74	13	3					2400
U of D REC DEOS***	Georgetown 5 SW	57.6	38.9	48.3	75	20+	28	6	0	0	7	28		1	5.97	1.78	29	<u>11.62</u>	13	2					2400
U of D REC DEOS***	Harbeson 8 S	56.9	38.8	47.9	76	21	30	2+	0	0	4	31		13	7.26	1.80	29	<u>13.18</u>	14	4					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	49.0	30.7	39.9	69	22	18	6+	0	2	16				4.93	1.71	13	12.81	12	2	1.5	0.9	3	102.7	0700
Mullins, Nate**	LaVale	56.1	36.3	46.2	73	21	23	6	0	0	10				4.44	1.14	13	10.77	11	2	0.3	0.3	3	78.3	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	59.1	37.9	48.5	75	20	27	8	0	0	8	32	SSE	28	5.00	1.45	13	<u>9.75</u>	12	2	0.0	0.0			2400
Jug Bay Wetlands	Lothian	59.4	37.1	48.3	80	23	26	7+	0	0	9				5.52	1.68	13	<u>11.10</u>	14	2	0.0	0.0		52.8	0900
NWS Baltimore	BWI Airport	58.2	38.7	48.5	75	21	29	6	0	0	5	43	NE	13	5.53	2.31	13	11.92	11	1	T	T	2+	80.7	2400
Stoudt, Jeff	Laurel 2 E	58.8	40.2	49.5	78	21	29	27	0	0	2				5.18	1.84	13	12.54	12	1	T	T	2	88.5	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	55.6	38.4	47.0	73	20+	26	27	0	0	8				4.49	1.77	13	11.34	10	1	0.1	0.1	2	97.5	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	59.5	43.7	51.6	75	20	34	6+	0	0	0				4.70	2.04	13	10.38	12	1	T	T	2	79.0	2400
Maryland Science Ctr	Baltimore Inner Harbor	58.9	44.1	51.5	75	20	33	27	0	0	0				4.92	2.03	13	10.56	12	1					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	53.9	36.5	45.2	74	21	23	27	0	0	12				4.14	1.50	13	10.88	15	1	0.6	0.6	2	94.7	2300
Hartsock, Ralph	Westminster 4 SSE	57.0	38.1	47.6	73	21	26	27	0	0	10	44	ENE	13	4.23	1.70	13	<u>11.15</u>	12	1	0.2	0.2	3	88.0	1900
Miller, Bobby	Millers 4 NE	55.5	37.0	46.3	73	21	24	27	0	0	11	45	ESE+	13+	3.57	1.02	13	10.43	14	1	0.5	0.3	3	87.6	1800
Muller, Ray +	Westminster City	56.6	38.2	47.4	73	21	25	27	0	0	7	40	NNE	13	3.71	1.15	13	9.78	14	1	0.0	0.0		85.0	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	60.1	40.9	50.5	77	20+	31	27	0	0	2	39	NE	13	4.84	1.23	28	11.40	14	1	T	T	2	72.6	2400
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	55.9	36.1	46.0	74	22	25	27	0	0	9				4.08	1.10	14	12.11	10	2	0.0	0.0		71.0	0630
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock																	<u>4.60</u>						<u>98.2</u>	0800

**ACON MD / DE / DC  
MARCH 2010 SUMMARY**

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<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	56.3	39.6	48.0	74	21	28	27	0	0	6	46	E	13	3.93	1.36	13	10.59	11	1	T	T	2	88.3	2400
<i>Montgomery, Maryland</i>																									
Berger, Ron	Norbeck 1 SE	58.0	39.6	48.8	74	20+	27	27	0	0	7				3.79	0.94	13	10.35	12	0	T	T	2	79.9	2200
Cohen, Rob	Potomac 4 N	58.3	39.0	48.7	76	21	28	6	0	0	7				3.91	0.89	13	9.90	12	0	0.0	0.0		76.9	2100
Giannola, Rich	Olney 1 S	57.7	38.4	48.1	76	21	27	6+	0	0	7				3.83	1.63	12-13	9.70	8	1	T	T	2	85.0	2400
Holden, Richard	Clarksburg 2 ENE	56.5	39.8	48.2	74	21	25	27	0	0	7	51	NNW	30	4.30	0.90	13	11.99	12	0	0.5	0.5	2	102.7	2400
Roth, David	Montgomery Village 1SW	56.9	40.1	48.5	75	21	29	27	0	0	1				4.02	0.90	13	10.27	11	0					2400
Rossen, Stan	Glenmont 1 NNE	59.2	38.4	48.8	78	21	29	27	0	0	5	29	SE	28	3.93	1.11	13	10.10	14	1	T	T	2	76.4	2400
Scafide, Tony	Bethesda	58.0	40.1	49.1	76	21	29	6+	0	0	3	24		13	3.34	0.69	12	<u>5.51</u>	13	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	58.5	39.1	48.8	76	21	27	6	0	0	6	32	NE	13	4.17	0.96	13	9.92	13	0	T	T	2+	80.7	2400
Terry, Joe	Forest Glen	61.2	39.6	50.4	79	21	28	27	0	0	3	33	WSW	25	3.94	0.99	12	10.57	13	0	T	T	2+	75.7	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	60.1	40.9	50.5	77	21	30	27	0	0	2				4.11	0.85	28	9.55	12	0	T	T	2+	59.6	2300
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood	60.0	40.0	50.0	76	21	28	8	0	0	7	32		28	5.77	1.59	12	13.13	14	2	T	2.0	2+	55.6	2400
Zyla, John	Ridge	58.2	42.1	50.2	75	21	32	3+	0	0	2	30	N	30	5.93	2.01	29	14.26	12	2	0.6	0.3	2+	45.1	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	57.9	35.6	46.8	76	21	24	5+	0	0	11	38	N	30	3.98	1.30	28	10.68	12	1	T	T	2+	73.9	2400
Keefer, Greg	Hagerstown 1 E	58.1	36.9	47.5	75	21	25	7+	0	0	9	56	NW	30	3.81	1.30	28	11.28	12	1	T	T	2+	70.5	2400
Vaughn, Jim	Smithsburg 2 NE	55.7	36.4	46.1	72	21	22	27	0	0	11	55	SW	25	5.49	2.56	13	13.83	13	2	1.3	0.9	3	77.5	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	58.5	37.4	48.0	76	20	28	8+	0	0	10	45	ENE	13	6.61	1.92	29	14.53	12	3	M	M		<u>2.0</u>	2400
<i>Arlington, Virginia</i>																									
NWS Washington National	National Airport	59.8	42.5	51.2	76	21	33	6+	0	0	0	52	SW	25	3.55	0.80	28	7.83	12	0	T	T	2	56.1	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	60.1	38.9	49.5	78	21	29	8+	0	0	6	44	ENE	13	3.36	0.78	28	10.00	13	0	T	T	2	73.2	2400
Shaffer, Lance	Sterling 4 N	59.0	40.0	49.5	77	21	30	8+	0	0	4				4.53	0.97	14	11.58	13	0	T	T	2	75.3	2400
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	43.5	26.8	35.2	61	21+	5	6	0	6	19				4.10	0.78	13	16.57	16	0	6.7	2.2	4	250.9	0700
SECTION AVERAGE*		57.2	37.8	47.5											4.77		11.72				0.2			77.4	

**NOTES:**

M OR UNDERLINE = MISSING DATA  
 > = INCLUDED IN NEXT DAYS DATA  
*ITALIC* = ESTIMATED DATA

\*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

\*\*OBSERVER FOR LAVALE IS SCOTT LOHR. DATA COMPILED BY NATE MULLINS.

\*\*\* DATA FROM DEOS (DELAWARE ENVIROMENTAL OBSERVING SYSTEM) PERMISSION GRANTED FOR USE OF DATA

\*\*\* REC= UNIVERSITY OF DELAWARE RESEARCH AND EDUCATION CENTER

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 Only reports certified by the National Climatic Data Center in Asheville, NC may be used for these purposes.  
 Accuracy of Data from ACON Observers not guaranteed.

GARY GALLAHER 4/25/10 REV 1 8/9/10

**ACON MD / DE / DC  
MARCH 2010 DAILY TEMPERATURES**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG	OBS TIME	
BEAR 2 SW, DE GALLAHER	47 35	44 30	42 36	45 34	48 34	51 29	56 28	59 33	63 34	60 31	56 43	51 44	52 44	53 46	47 43	64 39	67 30	68 31	71 35	73 36	73 39	59 52	53 41	63 54	63 42	72 37	57 37	46 30	55 27	56 50	55 39	68 41	57.2 36.9	2400 EDT
MIDDLETOWN 6 N LEGATES	47 33	45 31	42 36	46 34	49 27	52 33	58 30	60 34	64 33	64 33	59 43	57 45	52 44	53 46	48 44	64 41	68 34	69 32	72 41	75 41	72 52	60 54	64 64	73 57	47 37	57 37	40 30	56 29	57 50	55 40	69 41	57.9 37.8	2400 EDT	
WILMINGTON , DE NWS NEW CASTLE CO APT	46 33	45 30	43 36	46 33	51 31	52 27	57 34	59 35	63 37	62 34	57 43	49 44	52 43	53 45	47 42	64 42	67 35	69 35	71 41	74 42	71 42	61 51	53 45	63 43	71 40	54 34	46 27	56 34	57 50	53 39	68 42	57.4 38.4	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	45 34	44 31	42 35	45 33	48 33	50 30	56 36	59 37	63 38	61 33	56 41	51 44	51 43	53 46	47 43	63 39	67 34	68 33	72 38	75 40	75 41	60 53	65 43	63 42	71 38	58 36	47 29	54 29	57 49	55 38	68 40	57.4 38.0	2400 EDT	
TOWNSEND 4 W, DE U of D REC DEOS	44 29	43 29	36 34	43 33	46 32	49 26	54 30	57 32	61 32	59 34	57 39	51 44	52 44	52 44	46 42	61 41	65 34	67 35	69 37	72 41	75 42	63 53	64 46	62 43	71 39	55 34	45 26	56 30	55 49	54 39	66 41	56.1 37.1	2400 EDT	
GEORGETOWN, DE NWS SUSSEX CO APT	48 34	43 30	40 36	46 35	48 34	52 30	57 34	59 32	64 33	62 34	62 47	54 47	54 48	53 47	47 43	59 36	67 32	70 34	73 38	76 42	77 49	65 51	65 48	65 43	76 39	58 38	44 32	61 31	57 53	54 43	68 44	58.5 39.3	2400 EST	
GEORGETOWN, DE U of D REC DEOS	46 34	43 30	39 36	44 34	46 33	49 28	56 31	58 29	63 31	63 34	62 47	53 47	54 48	54 46	47 42	58 38	67 34	68 34	71 36	75 43	75 49	65 51	63 47	63 45	73 40	59 37	44 30	61 31	57 53	54 42	66 43	57.6 38.9	2400 EDT	
HARBESON 8 S, DE U of D REC DEOS	47 33	42 30	39 36	44 35	46 33	50 32	57 33	59 30	63 31	60 35	61 45	53 45	53 47	51 45	46 42	56 38	65 33	68 35	71 36	73 41	76 49	63 51	64 47	74 44	64 39	74 35	60 35	41 35	59 34	56 52	53 42	65 43	56.9 38.8	2400 EDT
FROSTBURG LATTA	32 25	33 26	32 26	33 20	34 20	36 18	39 18	47 26	48 27	58 28	55 37	60 38	46 39	42 36	42 37	38 36	54 33	60 33	60 33	65 32	68 40	69 39	64 40	42 37	58 35	67 35	44 22	47 22	41 30	53 32	51 31	49.0 30.7	0700 EDT	
LAVALE MULLINS**	38 31	36 32	38 32	41 29	45 27	49 23	56 26	56 26	62 29	61 37	67 37	52 48	48 43	48 41	44 41	62 41	67 34	68 34	70 35	72 37	73 43	68 50	62 44	68 44	52 39	68 39	52 27	48 37	61 41	56 37	70 43	56.1 36.3	2400 EDT	
PASADENA 2 N HANSON	48 32	42 30	42 36	47 34	50 34	53 28	59 28	62 27	64 31	61 34	61 42	51 45	52 45	57 46	48 44	65 40	69 33	72 32	74 37	75 39	74 41	62 52	68 45	74 38	74 39	55 38	49 32	62 34	57 52	54 41	73 47	59.1 37.9	2400 EDT	
LOTHIAN JUG BAY	47 30	50 31	46 34	42 32	50 32	> >	54 26	61 26	61 28	67 36	61 42	63 49	54 48	54 48	> >	52 43	63 31	69 33	73 34	> >	78 >	> >	80 40	56 41	68 37	75 44	49 27	57 33	62 51	58 43	54 44	59.4 37.1	0900 EDT	
BALTIMORE NWS BWI APT	49 32	42 33	42 36	47 33	50 35	52 29	57 30	59 30	64 33	60 36	62 43	51 46	52 46	53 47	48 44	63 39	67 35	70 34	71 43	74 38	75 39	62 50	65 44	65 44	72 40	53 35	47 30	60 37	57 52	53 42	71 46	58.2 38.7	2400 EST	
LAUREL 2 E STOUDT	47 35	43 35	40 35	45 33	49 35	53 31	58 35	60 36	65 38	62 43	65 46	54 46	52 47	51 44	49 44	62 44	69 38	71 36	73 46	77 41	78 50	62 44	66 46	73 46	56 41	51 35	60 29	56 38	52 52	71 46	58.8 40.2	2400 EST		
OWINGS MILLS 2SE SHARROW	43 32	40 32	38 33	43 31	45 30	49 27	53 30	57 30	61 33	58 33	62 44	50 41	49 45	49 45	45 40	61 42	65 39	68 39	71 41	73 39	73 41	59 54	52 41	64 43	68 43	53 36	45 26	57 35	55 50	49 39	70 44	55.6 38.4	2400 EDT	
BALTIMORE 2SE MANFRE	49 36	44 36	44 37	48 35	51 37	53 34	58 37	61 41	65 45	59 44	62 46	52 47	53 47	54 47	50 46	64 46	69 48	71 45	73 54	75 46	74 48	63 53	67 49	74 46	58 49	47 38	63 34	63 40	58 53	56 44	73 48	59.5 43.7	2400 EDT	
BALT INNER HARBOR MD SCIENCE CENTER	48 36	43 37	43 37	46 36	50 37	51 34	58 38	60 41	64 45	59 45	62 46	53 47	53 48	54 48	50 46	63 46	67 44	71 44	73 55	75 49	72 52	63 53	56 48	67 47	74 38	57 38	48 33	62 40	58 53	54 44	71 49	58.9 44.1	2400 EST	
MANCHESTER 1SW CLOSE	42 28	38 29	35 31	42 27	44 26	47 25	51 28	54 31	61 31	54 40	61 39	54 41	62 41	49 42	48 38	66 39	66 40	68 42	72 42	74 45	58 44	52 52	61 40	66 39	66 42	53 30	45 23	53 32	54 47	48 37	65 40	53.9 36.5	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK	46 30	45 30	42 30	45 29	46 29	47 27	50 30	54 30	58 35	62 40	63 48	51 44	50 45	51 45	48 42	58 42	61 36	62 38	70 45	71 43	73 46	71 53	58 43	63 43	72 41	66 39	53 26	57 33	60 48	50 43	65 38.1	1900 EDT		
MILLERS 4NE MILLER	43 31	38 31	37 32	41 29	44 25	48 25	54 31	58 32	63 32	59 35	63 37	52 45	49 42	47 43	46 40	60 40	63 37	65 38	68 40	70 42	73 41	66 54	61 42	66 42	65 42	46 36	52 24	54 32	53 39	68 40	55.5 37.0	1800 EDT		
WESTMINSTER CITY MULLER	44 33	40 33	41 32	43 30	44 31	48 27	52 37	55 33	56 29	57 38	63 42	53 44	53 44	51 45	48 42	62 42	64 32	68 35	70 38	72 41	73 43	64 56	59 42	63 44	70 40	65 35	48 25	51 36	56 48	53 41	70 45	56.6 38.2	1900 EDT	
BRYANS ROAD 2 ESE BRUMBACK	50 36	43 34	41 35	47 34	50 32	52 34	59 33	62 34	66 41	65 42	66 50	54 48	57 48	51 45	50 42	62 42	68 34	71 36	73 40	77 41	77 48	66 54	68 43	74 47	58 74	51 39	63 33	58 50	57 45	72 48	60.1 40.9	2400 EDT		
EMMITSBURG 2 SE GLASS	42 33	44 33	39 33	41 31	45 31	48 27	55 30	58 34	62 31	62 31	65 36	51 39	51 44	50 46	49 44	62 44	65 33	68 32	71 32	73 37	74 38	63 40	53 44	65 37	66 38	48 25	49 34	49 38	60 41	53 41	55.9 36.1	0630 EDT		

**ACON MD / DE / DC  
MARCH 2010 DAILY TEMPERATURES**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG	OBS TIME	
EAGLE ROCK HARVEY																																		0800 EST
LAUREL JHU / APL GIANNOLA	44	41	38	42	45	48	54	57	64	58	62	51	50	49	47	59	66	67	71	73	74	61	53	64	71	54	46	58	54	53	69	56.3	2400 EDT	
NORBECK 1 SE BERGER	47	41	38	46	48	51	57	58	64	61	64	54	52	49	48	60	66	69	70	74	74	66	57	65	70	63	49	59	55	53	70	58.0	2200 EDT	
POTOMAC 4N COHEN	46	41	41	45	48	51	57	58	63	63	65	55	52	50	49	60	65	67	70	74	76	65	57	65	71	62	50	59	55	55	71	58.3	2100 EDT	
OLNEY 1 S GIANNOLA	45	41	39	45	48	50	56	58	63	61	65	53	51	50	48	61	66	68	71	74	76	66	55	65	70	57	50	59	56	53	69	57.7	2400 EDT	
CLARKSBURG 2ENE HOLDEN	45	39	38	43	46	49	55	57	63	62	68	52	51	48	47	60	65	66	69	72	74	63	52	64	69	51	50	56	56	52	69	56.5	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	46	38	41	45	48	41	55	57	62	63	66	54	53	50	50	60	64	66	69	72	75	64	54	65	71	57	50	59	59	55	M	56.9	2400 EDT	
GLENMONT 1NNE ROSSEN	47	42	40	47	49	51	60	62	67	64	67	54	53	50	48	62	69	71	74	77	78	63	52	67	72	55	51	62	56	54	71	59.2	2400 EST	
BETHESDA SCAFIDE	46	41	40	45	49	51	56	59	64	63	64	54	52	50	49	62	67	68	71	75	76	63	51	66	72	54	48	60	56	55	70	58.0	2400 EDT	
GAITHERSBURG 2WNW SHAW	47	41	41	46	50	52	57	60	64	63	66	54	53	50	49	62	67	68	72	75	76	64	53	67	71	54	51	59	57	55	72	58.5	2400 EDT	
FOREST GLEN TERRY	52	43	41	51	53	56	62	63	69	66	69	54	52	51	49	66	72	74	75	78	79	64	55	69	73	54	52	64	58	58	74	61.2	2400 EDT	
OXON HILL SMITH	50	42	41	48	51	54	60	62	68	64	64	56	54	52	50	64	69	71	74	76	77	65	54	69	75	56	50	62	57	57	72	60.1	2300 EDT	
HOLLYWOOD ABELL	52	44	40	49	51	53	61	64	64	63	64	54	56	57	49	61	68	71	74	75	76	64	56	58	75	55	51	64	60	60	72	60.0	2359 EDT	
RIDGE ZYLA	52	42	39	49	46	49	57	60	59	58	62	54	57	58	49	58	64	67	73	67	75	59	58	67	73	58	49	61	57	58	72	58.2	2400 EDT	
SMITHSBURG 1.5 SW HUTTO	44	40	39	44	48	51	56	58	63	66	69	55	51	49	48	62	67	70	72	74	76	68	56	64	68	52	52	48	62	54	70	57.9	2400 EDT	
HAGERSTOWN 1E KEEFER	46	41	40	45	49	52	57	59	63	64	68	56	52	49	50	62	65	68	72	73	75	67	56	65	68	54	49	47	62	56	70	58.1	2400 EDT	
SMITHSBURG 2 NE VAUGHN	41	40	39	41	45	48	53	55	62	62	65	54	50	48	47	59	65	66	69	70	72	64	55	61	67	53	48	51	58	53	67	55.7	2400 EDT	
SALISBURY NWS WICOMICO CO APT	49	43	39	46	47	50	57	59	64	65	64	56	56	57	47	59	65	68	72	76	75	64	54	64	74	59	46	62	57	54	67	58.5	2400 EST	
WASH NATIONAL NWS ASOS	50	43	42	48	52	54	59	62	64	65	65	55	55	52	50	64	68	71	73	74	76	65	54	68	74	56	49	62	57	57	71	59.8	2400 EST	
WASH DULLES NWS ASOS	49	43	43	46	51	52	59	60	66	67	69	56	55	50	51	63	68	69	73	76	78	67	53	68	74	55	51	61	59	58	73	60.1	2400 EST	
STERLING 4 N SHAFFER	47	42	42	46	50	53	58	60	65	66	65	54	54	50	49	63	67	68	74	76	77	66	52	67	70	55	51	58	58	57	70	59.0	2400 EDT	
DAVIS 3 SE WV LESHES	23	26	26	24	25	29	34	44	43	55	58	56	43	43	34	34	44	54	53	55	61	61	60	35	51	58	37	47	44	48	45	43.5	0700 EDT	

**ACON MD / DE / DC  
MARCH 2010 DAILY PRECIPITATION**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	OBS TIME	
BEAR 2 SW, DE GALLAHER		0.08	0.04									0.68	1.55	0.12	0.21	0.01							0.14	T		0.02	0.41		0.44	0.90	1.19	0.04	5.83	2400 EDT
MIDDLETOWN 6 N LEGATES		0.08	0.05									0.66	1.75	0.15	0.18								0.07	0.01		0.03	0.37		0.36	0.93	1.11	0.06	5.81	2400 EDT
WILMINGTON, DE NWS NEW CASTLE CO APT		0.05	0.02									0.62	1.30	0.40	0.13	T							0.34	T		0.04	0.31		0.76	0.62	0.77	0.01	5.37	2400 EST
NEWARK AG FARM, DE U OF DE DEOS		0.09	0.04									0.66	1.56	0.22	0.15	0.02							0.24	0.01			0.42		0.52	0.86	0.90	0.02	5.71	2400 EDT
TOWNSEND 4 W, DE U of D REC DEOS		0.07	0.08									0.70	2.70	0.46	0.19								0.04	0.02		0.03	0.27		0.37	1.03	0.87	0.05	6.88	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT		0.04	0.35								0.09	1.20	1.15	0.04	0.18	T							0.34	T		0.03	0.93		0.09	1.77	0.33		6.54	2400 EST
GEORGETOWN, DE U of D REC DEOS		0.05	0.30								0.08	0.87	1.23	0.05	0.31								0.16			0.01	0.82		0.05	1.78	0.26		5.97	2400 EST
HARBESON 8 S, DE U of D REC DEOS		0.05	0.37								0.15	1.06	1.21	0.13	0.43	0.01							0.73			0.01	1.04		0.02	1.80	0.25		7.26	2400 EST
FROSTBURG LATTA	0.06 0.6		0.07 0.9									0.64	1.71	1.18	0.05	0.04							0.06	0.22	0.05		0.26			0.59			4.93 1.5	0700 EDT
LAVALE MULLINS**			0.01 0.3									0.75	1.14	0.19	0.06								1.10	0.13		0.14	0.05		0.84	0.03			4.44 0.3	2400 EDT
PASADENA 2N HANSON		0.03	0.02									1.16	1.45	0.30	0.18								0.33			0.04	0.24		0.54	0.29	0.42		5.00 0.0	2400 EDT
LOTHIAN JUG BAY			0.21			>					0.05	0.61	1.68	0.50	>	0.18	0.01						>	0.19			0.68	0.04	0.01	1.20	0.14	0.02	5.52 0.0	0900 EDT
BWI NWS ASOS		0.10 T	T T								T	0.98	2.31	0.32	0.08	T							0.50			0.05	0.24		0.54	0.23	0.18		5.53 T	2400 EST
LAUREL 2 E STOUDT		0.11 T	0.03 T								T	0.99	1.84	0.34	0.10								0.46	T		0.06	0.24		0.64	0.18	0.19	T	5.18 T	2400 EST
OWINGS MILLS 2SE SHARROW		0.11 0.1	T T									0.66	1.77	0.16	0.11								0.47	T			0.43		0.40	0.15	0.23 T		4.49 0.1	2400 EDT
BALTIMORE 2SE MANFRE		0.10 T	0.02 T									0.57	2.04	0.21	0.08								0.37			0.05	0.33		0.45	0.25	0.23		4.70 T	2400 EDT
BALT INNER HARBOR MD SCIENCE CENTER		0.10	0.01									0.67	2.03	0.27	0.05								0.45			0.06	0.27		0.50	0.21	0.30		4.92 -	2400 EST
MANCHESTER 1SW CLOSE		0.07 0.6	0.01 T								T	0.45	1.50	0.16	0.11	0.02							0.54	0.02		0.02	0.16		0.76	0.05	0.26	0.01	4.14 0.6	2300 EDT
WESTMINSTER 4 SSE HARTSOCK		0.03	0.02 0.2									0.62	1.70	0.20	0.04	0.03							0.45		0.02		0.34			0.60	0.18		4.23 0.2	1900 EDT
MILLERS 4NE MILLER	0.01 0.2	0.03 T	0.08 0.3	T								0.37	1.02	0.12	0.15	0.06							0.34	0.01	T		0.21		T	0.81	0.30	0.06	3.57 0.5	1800 EDT
WESTMINSTER CITY MULLER		0.06	0.03	T							T	0.46	1.15	0.26	0.08	0.08							0.24	0.06			0.36		0.14	0.60	0.16	0.03	3.71 0.0	1900 EDT
BRYANS ROAD 2 ESE BRUMBACK		0.07 T	0.06 T								0.02	0.71	0.54	0.27	0.17								0.40	0.02	T	0.01	0.81		1.23	0.30	0.23		4.84 T	2400 EDT
EMMITSBURG 2 SE GLASS			T	0.05								0.34	1.06	1.10	0.05	0.05							T	0.32			0.23			0.77	0.11		4.08 0.0	0630 EDT

**ACON MD / DE / DC**  
**MARCH 2010 DAILY PRECIPITATION**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	OBS TIME	
EAGLE ROCK HARVEY																																0800 EST		
LAUREL JHU / APL GIANNOLA		0.09 T	T									0.85	1.36	0.24	0.10							0.32	T		0.06	0.32		0.50	0.06	0.03		3.93 T	2400 EDT	
NORBECK 1 SE BERGER		0.07 T	0.03							T		0.78	0.94	0.29	0.09							0.46	0.01		T	0.41		0.46	0.21	0.04		3.79 T	2200 EDT	
POTOMAC 4N COHEN		0.13	0.07									0.68	0.89	0.31	0.13							0.39	0.09			0.45		0.38	0.36	0.03		3.91 0.0	2100 EDT	
OLNEY 1 S GIANNOLA		> >	0.09 T									>	1.63	>	0.44							0.49	0.01		>	0.49		>	0.65	0.03		3.83 T	2400 EDT	
CLARKSBURG 2ENE HOLDEN		0.09 0.5	0.02 T								T	0.67	0.90	0.55	0.06							0.59	0.07		0.18	0.33 T		0.67	0.17	T		4.30 0.5	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW		0.09										0.68	0.90	0.51	0.13							0.38	0.04		0.09	0.50		0.50	0.20		M	4.02 0.0	2400 EDT	
GLENMONT 1NNE ROSSEN		0.08 T	0.02	T							T	0.98	1.11	0.23	0.08							0.39	0.01		0.09	0.25		0.62	0.04	0.02	0.01	3.93 T	2400 EST	
BETHESDA SCAFIDE		0.08	0.02									0.69	0.68	0.28	0.07							0.45	0.05		0.03	0.27		0.60	0.10	0.02		3.34 -	2400 EDT	
GAITHERSBURG 2WNW SHAW		0.09 T	0.02 T									0.55	0.96	0.45	0.11							0.55	0.08		0.08	0.53		0.67	0.07	0.01		4.17 T	2400 EDT	
FOREST GLEN TERRY		0.08 T	0.01 T								T	0.99	0.85	0.34	0.09							0.50	0.01		0.04	0.27		0.63	0.11	0.02	T	3.94 T	2400 EDT	
OXON HILL SMITH		0.07 T	0.06 T									0.67	0.82	0.20	0.11							0.32	0.01			0.51		0.85	0.43	0.06		4.11 T	2300 EDT	
HOLLYWOOD ABELL		0.17 T	0.32 T									0.01	1.59	0.40	0.06	0.08						0.46	0.01		0.01	0.90		0.35	1.40	0.01		5.77 T	2359 EDT	
RIDGE ZYLA		0.52 0.3	0.38 0.3	0.01								0.05	1.34	0.64	0.14							0.09	T			0.69		0.01	2.01	0.05		5.93 0.6	2400 EDT	
SMITHSBURG 1.5 SW HUTTO		0.04 T	0.02 T									0.76	0.97	0.19	0.03							0.12	0.03		0.26	0.21		1.30	0.05			3.98 T	2400 EDT	
HAGERSTOWN 1E KEEFER		0.04 T	0.04 T									0.81	0.63	0.32	0.03							0.17	0.04		0.24	0.15		1.30	0.04	T		3.81 T	2400 EDT	
SMITHSBURG 2 NE VAUGHN		0.03 0.3	0.09 0.9	0.01 0.1							T	0.92	2.56	0.13	0.02							0.07	0.09		0.18	0.19		1.19	0.01			5.49 1.3	2400 EDT	
SALISBURY NWS WICOMICO CO APT		0.18 M	0.32 M	T M								0.07	1.19	1.13	0.02	0.31	0.01					0.27	T		T	0.90		T	1.92	0.29		6.61 M	2400 EST	
WASH NATIONAL NWS ASOS		0.06 T	T									T	0.61	0.60	0.31	0.05						0.53	0.01		0.02	0.32		0.80	0.22	0.02		3.55 T	2400 EST	
WASH DULLES NWS ASOS		0.06 T	T									0.01	0.60	0.26	0.49	0.01	T					T	0.44	0.01		0.07	0.17		0.78	0.38	0.08	T	3.36 T	2400 EST
STERLING 4 N SHAFFER		> T	0.13									0.01	0.55	0.45	0.97	0.04	T					0.01	0.63			0.01	0.49		0.64	0.19	0.41	T	4.53 T	2400 EDT
DAVIS 3 SE WV LESHAR	0.18 1.9	0.02 0.4	0.11 1.4	0.20 2.2								0.19	0.78	0.47	0.10 T	0.30 0.4	T					0.19	0.23 T	0.20 0.4		0.62	0.05 T		0.40	0.06		4.10 6.7	0700 EDT	