



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

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

## DRY WITH 'APRIL' LIKE WARMTH

March will be remembered for its warmth. The monthly mean temperature was more like April than March. ACON observers reported their warmest March. This was the warmest March since 1945 across the region. NWS Washington National set a record for March, while both NWS Baltimore and NWS Wilmington each had their 3rd warmest. **Greg Keefer's Hagerstown 1 E** station, where records date back to 1898, had its second warmest March.

March was also dry. Less than an inch of rain fell at many stations east of I-95. By the end of the month the ground became quite dry for this time of the year. The only measurable snow east of the mountains fell in St Marys County MD.

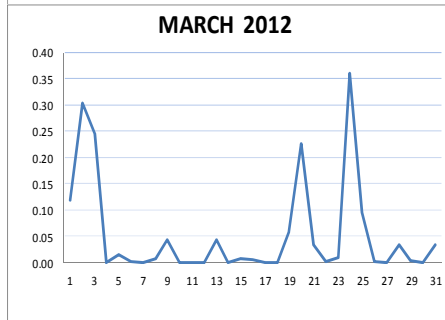
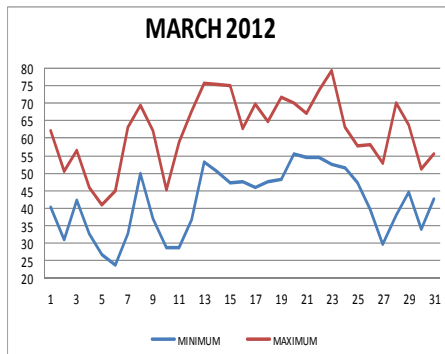
Left over rain from the February 29th storm fell early on the 1st. Rain and some thunder occurred on 2nd and 3rd. Over an inch of rain fell in portions of Anne Arundel and Montgomery Counties. **Dan Hanson of Pasadena** reported 1.23", **Jeff Stoudt of Laurel 2E** 1.22", **Tony Scafide of Bethesda** 1.16" and **Joe Terry of Forest Glen** 1.13".

A storm which tracked south of the area on the 4th to 6th brought the only snow of the month. Flurries fell at many locations but the only measurable snow east of the mountains fell in St Marys County. **John Zyla of Ridge** reported an 1.3" and **Wes Gleason of Hollywood 3 ENE** 1.0" of snow. This was the only snow to fall this month.

The coldest temperatures of the month followed the southern snowstorm. Minimum temperatures fell below freezing on the 5th and 6th. The coldest reported temperatures occurred from Carroll County westward where minimum temperatures fell to the mid teens to lower 20's. Temperatures quickly rebounded into the 60's and 70's for the 8th and the early hours of the 9th. Light showers which fell early on the 9th were followed by colder temperatures along with winds gusting to 30 mph or higher. The last sub-freezing temperatures for the next two weeks occurred on the 10th and 11th.

An unseasonal streak of above normal temperatures that arrived on the 12th would remain to the 29th with only one brief break on the 27th. During this period many stations set some daily maximum temperature records, but many more maximum minimum temperature records were set.

**Joe Terry of Forest Glen** noted in his report an interesting observation: "For 11 consecutive days (15th—25th) the mean wind directions had an easterly component yet temperatures were well above normal. This is quite contrary to what would be expected with the large-scale onshore flow in March." As a result of the onshore winds fog, some dense, occurred on many days. The warmest temperatures occurred on the 15th and the 23rd. West of the Chesapeake Bay 80's occurred on the 15th while 60's and 70's were common east of the Bay. Tem-



### ACON MD/DE Network

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

### EXTREMES REPORTED BY ACON OBSERVERS

#### MAXIMUM TEMPERATURE

Bryans Road 2 ESE	86
Glenmont 1 NNE	86
Forest Glen	86

#### MINIMUM TEMPERATURE

Davis 3 SE WV	9
Frostburg	15
Manchester 1 SW	19
Millers 4 NE	19
Smithsburg 1.5 SW	19

#### WARMEST AVG. TEMP.

Bryans Road 2 ESE	56.5
Forest Glen	55.9

#### COLDEST AVG. TEMP.

Davis 3 SE WV	46.0
Frostburg	47.8
UofD REC Harbeson 8 S DE	50.2

#### MAXIMUM PRECIPITATION

Davis 3 SE WV	8.01
Frostburg	4.17
Emmitsburg 2 SE	3.62

#### MINIMUM PRECIPITATION

Owings Mills 2 SE	0.51
UofD Ag Farm Newark DE	0.72

#### MAXIMUM SNOWFALL

Davis 3 SE WV	7.1
Ridge	1.3
Hollywood 3 ENE	1.0

peratures on the 23rd were in the low to mid 80's across the entire region away from the coast.

Precipitation was light during this period of warmth. Exceptions were on the 19th & 20th when **Jim Vaughn of Smithsburg 3 NE** reported 1.89", **Mac Hutto of Smithsburg 1.5 SW** 1.38", and **Stan Rossen of Glenmont 1 NNE** 1.08". Also on 23rd & 24th **Nate Mullins of LaVale** reported 1.31" and on the 24th & 25th **Greg Latta of Frostburg** reported 1.28", and **Mac Hutto of Smithsburg 1.5 SW** 0.98".

The last sub-freezing temperatures of the month occurred on the 27th and 30th at many stations.

# OBSERVER COMMENTS FOR MARCH 2012

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## **Gary Gallaher of Bear 2 SW, DE**

Warmest and second driest March. Two days with record maximum temps and 7 days with record max minimum temps. Dense fog on 8 days. Winds "light" for March - total miles of wind was 1000 miles below the 2006-11 average.

## **Nate Mullins of LaVale**

Warmest March - Average temp 51.8°. Old record 47.2 ° in 1973. Records in the area date back to 1948.

**18th to 25th** - 8 consecutive days with record maximum minimum temperatures.

**23rd** - Record maximum temperature.

## **Greg Latta of Frostburg**

4 days with thunder. One day with 1" of snow on the ground at observation time.

## **Jeff Stoudt of Laurel 2 E**

A two-hour episode of training thunderstorms over the cusp of the 2nd / 3rd accounted for three fourths of the month's total rainfall. Afterwards saturated grounds became rather dry by month's end.

## **Ray Muller of Reisterstown**

Temps well above normal and precipitation below normal.

**3rd** - Minimum barometer 29.52"

## **Marty Sharrow of Owings Mills**

Fog occurred on 12 days.

**7th** - Frosty AM, Spring-like PM. Mostly sunny.

**23rd** - Lots of sun, very warm.

**30th** - Light AM frost.

## **Ralph Hartsock of Westminster 4 SSE**

**5th** - Partly cloudy, breezy, occasional snow showers.

**24th** - Thunderstorms, showers, drizzle, light rain @ night.

**26th** - Sunny, windy, cooler, freeze warning at night.

## **Bobby Miller of Millers 4 NE**

15 days with fog, 3 days with thunder.

**17th** - Very nice, afternoon scattered cumulus.

**25th** - Late afternoon sun. 30 years ago was the first full day for the cotton region shelter.

## **Eric Glass of Emmitsburg 2 SE**

**1st** - 1.10" of precipitation fell prior to midnight of 2/29.

**17th, 23rd** - Foggy at obs time.

## **Rob Cohen of Potomac 4 N**

**5th** - Snow shower 10 -12AM.

**9th** - Windy.

**15th, 19th, 22nd** - Record maximum temperatures.

## **Rich Giannola of Olney 1 S**

Warmest March in 25 years of records.

**4th** - Snow flurries at 1:15 PM.

**20th** - +TSRA before dawn.

**22nd** - Morning fog dissipating by 10 AM.

## **Richard Holden of Clarksburg 2 ENE**

Warmest March since temperature records began in 12/1987.

Fourth driest March since precip. records began in 1986.

## **Alexander McGinnis of Rockville 2 W**

The +9.3° temperature departure from normal for the month's average temperature is the 2nd most deviant since records

## **Alexander McGinnis of Rockville 2 W (Cont.)**

began in August 1984 (by degrees, not standard deviation) behind December 1989's -13.3°.

Record warm March. Average maximum 64.8° (old 60.8° in 2000), average minimum 44.3° (old 39.7° in 2010), and mean temperature 54.6° (old 49.9° in 2000).

## **Stan Rossen of Glenmont 1 NNE**

**2nd** - Thunderstorm with rain heavy at times began at 10:38 PM EST accounted for most of the day's rain.

**22nd** - Heavy fog reduced visibility as low as 1/8 mile early in the morning.

## **Kevin Shaw of Gaithersburg 2 WNW**

Record warmth with double digit positive departures in the average max (+11.1°), min (+12.0°), and mean temp (+11.6°). Five new record maximum temperatures set along with nine maximum minimum temperatures including an amazing eight in a row from the 18th to the 25th.

**5th** - AM snow flurries.

## **Joe Terry of Forest Glen**

March was the warmest on record and the second driest (records go back to 1995). Five days with temperatures 80° or above, also a new March record.

**2nd** - Two thunderstorms very late, the first one weak, the second was heavy with more prolonged rain.

**20th** - Brief weak thunderstorm very early then a rather potent storm just before sunrise with some good lightning discharges, a bit unusual for mid-March.

**27th** - Minimum relative humidity 14%. First sub-freezing temperature in 17 days.

## **Brian Smith of Oxon Hill**

**5th** - Light snow 1200 - 1230.

## **Wes Gleason of Hollywood 3 ENE**

**6th** - Snow lasted only a couple of hours on the ground.

## **John Zyla of Ridge**

Warmest March in 17 years of station history.

**5th** - Snow 9:20 AM to 2:15 PM.

**13th** - Clear and warmer. 1st day of the season to open windows during the day.

## **Max Hutto of Smithsburg 1.5 SW**

**19th-20th** - Two day rainfall 1.38". PM rain and nearby t'storms on the 19th (0.77") and overnight RA on the 20th (0.61").

## **Greg Keefer of Hagerstown 1 E**

Second warmest March with an average temperature of 51.9°. (Record is 52.1° set in 1945). The average temperature was +9.9° above normal.

**19th** - Evening showers and thunderstorms.

## **Jim Vaughn of Smithsburg 2 NE**

March was the warmest on record with above average winds and below average precipitation. No snow tied 2008 and 2012 for record minimum snowfall. New daily record maximum temperatures were set on the 17th, 20th, 22nd, & 23rd. New daily record maximum minimum temperatures set on the 13th, 15th, 17th, 19th to the 23rd.

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 2012 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	61.5	40.6	51.1	81	23	23	6	0	0	9	37	SSW+	8+	0.79	0.23	3	5.51	7	0	0.0	0.0	5.2	2400		
Legates, David	Middletown 6 N	61.5	41.1	51.3	80	23	24	6	0	0	8	28		8	0.98	0.26	3	5.61	13	0				2400		
NWS Wilmington	New Castle Co. Apt.	61.4	41.4	51.4	81	23	23	6	0	0	7	40	NNW	26	0.92	0.30	24	5.56	7	0	0.0	0.0	5.2	2400		
UofDE AG FARM DEOS***	Newark	60.9	40.8	50.9	80	23	26	6	0	0	9	28		8	0.72	0.19	3	5.62	8	0				2400		
U of D REC DEOS***	Townsend 4 W	60.2	41.3	50.8	79	23	26	6	0	0	7	28		26	1.39	0.46	3	5.79	10	0				2400		
<i>Sussex, Delaware</i>																										
NWS Georgetown	Sussex Co. Airport	63.7	43.2	53.5	81	22+	27	11	0	0	5	63	SSE	6	0.40	0.14	24	4.92	9	0				2400		
U of D REC DEOS***	Georgetown 5 SW	60.8	39.6	50.2	79	23	26	6+	0	0	7	33		8	0.79	0.23	2	5.45	9	0				2400		
U of D REC DEOS***	Harbeson 8 S	61.3	41.2	51.3	79	22	25	11	0	0	7	34		8	1.05	0.36	24	5.97	11	0				2400		
U of D DEOS***	Rehoboth Beach Bwk	58.3	40.7	49.5	76	13	29	6	0	0	3	27		2	0.89	0.25	2	5.29	12	0				2400		
<i>Allegany, Maryland</i>																										
Latta, Greg	Frostburg	59.6	36.0	47.8	80	23	15	6+	0	2	14				4.17	1.60	1	9.20	12	1	1.1	0.7	5	31.2	0700	
Mullins, Nate**	LaVale	63.2	40.4	51.8	84	23	20	6	0	0	10				2.52	1.18	24	8.51	10	1	0.2	0.1	4+	16.2	2400	
<i>Anne Arundel, Maryland</i>																										
Hanson, Dan	Pasadena 2 N	63.8	42.4	53.1	82	23	23	6	0	0	5	30	S	8	2.02	0.72	3	6.64	9	0	0.0	0.0	0.7	2400		
Jug Bay Wetlands	Lothian	DATA LOST DUE TO A POWER SURGE. PRECIP FROM BACKUP MANUAL GAUGE													1.33	M	6.62									2400
NWS Baltimore	BWI Airport	64.2	43.2	53.7	81	23	25	6	0	0	7	39	SW	8	1.76	0.69	24	6.72	10	0	T	T	5	1.8	2400	
Stoudt, Jeff	Laurel 2 E	65.0	43.5	54.3	82	23	25	6	0	0	6				1.65	0.72	3	6.60	9	0	T	T	5	2.9	2400	
<i>Baltimore, Maryland</i>																										
Muller, Ray	Reisterstown			52.2#	82	23	22	6							1.49	0.39	24	1.49	10	0	T	T	4+	3.7	2200	
Sharrow, Marty	Owings Mills 2 SE	63.2	41.5	52.4	83	23	21	6	0	0	7				0.51	0.23	24	4.27	5	0	T	T	5	5.4	2400	
<i>Baltimore City, Maryland</i>																										
Manfre, Joe	Baltimore 2 SE	STATION TEMPORARLY CLOSED																							2400	
Maryland Science Ctr	Baltimore Inner Harbor	66.1	48.5	57.3	85	23	32	6	0	0	1				1.17	0.58	24	5.31	10	0					2400	
<i>Carroll, Maryland</i>																										
Close Jr, Herb	Manchester 1 SW	61.5	40.7	51.1	80	23	19	6	0	0	10				1.22	0.70	24	5.95	8	0	T	T	4+	21.6	2300	
Hartsock, Ralph	Westminster 4 SSE	63.7	42.7	53.2	82	23	22	6	0	0	10	37	WNW	29	1.84	0.38	24	5.87	10	0	T	T	5	7.9	1900	
Miller, Bobby	Millers 4 NE	63.6	41.1	52.4	80	23	19	6	0	0	9	46	SSW	6	1.70	0.69	24	6.75	10	0	T	T	4+	18.1	1800	
<i>Charles, Maryland</i>																										
Brumback, Marty	Bryans Road 2 ESE	67.2	45.7	56.5	86	15	26	6	0	0	3	37	NNW	26	0.86	0.28	2	5.31	9	0	0.0	0.0	2.7	2355		
<i>Frederick, Maryland</i>																										
Glass, Eric	Emmitsburg 2 SE	62.1	38.2	50.2	81	16	23	6+	0	0	12				3.63	1.10	1	7.00	10	1	0.0	0.0	7.0	0700		
<i>Howard, Maryland</i>																										
Giannola, Rich	Laurel JHU / APL	STATION CLOSED 2/1/2012																1.83							1.8	2400

**ACON MD / DE / DC  
MARCH 2012 SUMMARY**

OBSERVER	STATION	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	SEASON
<i>Montgomery, Maryland</i>																									
Berger, Ron	Norbeck 1 SE	64.7	44.1	54.4	84	15	23	6	0	0	6				2.03	0.80	20	6.77	9	0	T	T	5	3.1	2200
Cohen, Rob	Potomac 4 N	64.7	44.6	54.7	82	23	25	6	0	0	6				1.51	0.61	3	6.27	9	0	T	T	5	2.0	2100
Giannola, Rich	Olney 1 S	63.3	43.3	53.3	82	15+	21	6	0	0	6				2.12	0.95	20	6.77	8	0	T	T	4	4.2	2400
Holden, Richard	Clarksburg 2 ENE	63.1	43.2	53.2	81	15	23	6	0	0	6	40	W	9	1.94	0.77	20	6.90	11	0	T	T	4+	11.8	2400
McGinnis, Alex	Rockville 2 W	64.8	44.3	54.6	83	15+	24	6	0	0	6				1.54	0.60	2	6.59	9	0	T	T	5	3.9	2400
Rossen, Stan	Glenmont 1 NNE	66.6	43.0	54.8	86	15	24	6	0	0	6	23		8	2.42	1.05	20	7.15	9	1	T	T	5	2.7	2400
Scafide, Tony	Bethesda	64.4	44.9	54.7	81	15+	25	6	0	0	5	20		4+	2.05	1.02	2	7.07	7	1					2400
Shaw, Kevin	Gaithersburg 2 WNW	65.3	43.8	54.6	84	23	24	6	0	0	6	30	N	26	1.69	0.59	24	6.38	9	0	T	T	5	5.0	2400
Terry, Joe	Forest Glen	67.4	44.4	55.9	86	23	25	6	0	0	4	33	SSW	8	2.01	0.86	2	6.98	7	0	T	T	5	3.0	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	66.6	45.5	56.1	84	15	27	6	0	0	4				0.88	0.27	2	5.53	10	0	T	T	5	2.8	2300
<i>St. Marys, Maryland</i>																									
Gleason, Wes	Hollywood 3 ENE	64.0	47.2	55.6	80	14	31	5+	0	0	2	33	S	28	1.09	0.29	2	5.66	12	0	1.0	1.0	6	0.1	2400
Zyla, John	Ridge	64.2	46.9	55.6	80	15	28	6	0	0	2	32	NE	26	2.36	0.47	21	8.04	11	0	1.3	1.3	5	1.7	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	64.2	39.8	52.0	85	23	19	6	0	0	10	32		26	3.13	0.96	24	9.40	12	0	0.0	0.0		12.8	2400
Keefer, Greg	Hagerstown 1 E	63.2	40.6	51.9	82	23	20	6	0	0	10	46	NW	26	1.50	0.44	24	6.97	11	0	T	T	4+	9.4	2400
Vaughn, Jim	Smithsburg 3 NE	62.1	41.7	51.9	80	23	22	6	0	0	9	49	S	3+	2.88	1.30	20	8.60	11	1	0.0	0.0		16.9	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	65.4	42.6	54.0	82	23	25	11	0	0	6	40	SSW+	8+	1.13	0.24	13	6.82	12	0				0.0	2400
<i>Arlington, Virginia</i>																									
NWS Washington National	National Airport	66.4	47.2	56.8	83	23	29	6	0	0	2	40	NNW	26	1.02	0.34	2	5.54	11	0	T	T	5	2.0	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	65.9	42.7	54.3	84	15	21	6	0	0	7	43	SW	8	1.52	0.81	2	5.61	8	0	T	T	5	3.7	2400
Shaffer, Lance	Sterling 4 N	65.5	45.0	55.3	83	15+	25	6+	0	0	5				1.68	0.56	3	4.39	7	0	T	T	5	3.8	2400
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	56.6	35.3	46.0	74	23+	9	6	0	2	10				8.01	2.54	1	17.50	17	1	7.1	4.1	6	101.2	0700
<b>SECTION AVERAGE*</b>		<b>63.6</b>	<b>42.7</b>	<b>53.2</b>											<b>1.63</b>		<b>6.42</b>				<b>0.1</b>		<b>7.2</b>		

**NOTES:**

M OR UNDERLINE = MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

*ITALIC* = ESTIMATED DATA

+ = FIRST OF SEVERAL OCCURANCES

WINTER TYPE PRECIPITATION FROM STATIONS WITH

TIPPING BUCKET RAIN GAUGE MAY SHOW UNDER CATCH.

ALSO AMOUNTS CAUGHT MAY BE NOTED IN THE FOLLOWING

DAYS AS IT MELTS.

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

\*\*OBSERVER FOR LAVALLE 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

# AVERAGE TEMP CALCULATED BY USING 9 PM OBS TEMP.

National Weather Service station data listed herein is preliminary and may be subject to change. The data has not been certified and cannot be used in legal actions.

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 05/09/12

**ACON MD / DE / DC**  
**MARCH 2012 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	59	48	58	46	44	45	63	71	65	44	58	68	76	75	62	62	68	62	72	75	71	71	81	59	59	58	53	67	63	54	49	61.5	2400 EDT	
MIDDLETOWN 6 N DE LEGATES	60	47	59	46	42	45	64	70	65	45	59	70	76	76	62	63	67	63	72	73	72	71	80	59	59	57	54	67	63	54	49	61.5	2400 EDT	
WILMINGTON , DE NWS NEW CASTLE CO APT	59	49	59	46	45	44	63	70	65	45	58	69	76	74	61	62	67	61	72	76	71	72	81	59	58	57	54	66	62	54	48	61.4	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	57	46	58	45	43	44	62	70	64	46	57	68	75	73	62	63	68	63	73	74	70	70	80	59	58	56	52	66	63	55	48	60.9	2400 EDT	
TOWNSEND 4 W, DE U of D REC DEOS	60	47	56	45	41	44	63	70	64	43	57	68	75	73	63	59	66	62	73	73	69	72	79	59	55	56	52	67	61	49	48	60.2	2400 EDT	
GEORGETOWN, DE NWS SUSSEX CO APT	69	54	59	50	43	46	64	73	65	46	60	71	75	77	73	66	63	67	75	68	68	81	81	57	55	63	55	74	67	56	54	63.7	2400 EST	
GEORGETOWN, DE U of D REC DEOS	67	51	55	47	40	42	63	70	63	44	57	68	72	75	73	61	61	67	73	65	70	76	79	55	41	56	52	71	65	53	52	60.8	2400 EDT	
HARBESON 8 S, DE U of D REC DEOS	67	52	58	48	40	45	63	71	63	42	59	69	74	75	70	62	56	59	70	65	68	79	77	56	54	61	54	72	66	54	52	61.3	2400 EDT	
REHOBOTH BEACH BWK U of D DEOS	69	47	56	49	42	40	64	71	64	42	56	66	76	68	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	58.3	2400 EDT	
FROSTBURG LATTA	51	49	46	48	32	32	45	65	62	44	46	67	69	70	73	74	68	73	69	67	71	58	80	78	60	65	48	56	72	54	55	59.6	0700 EDT	
LAVALE MULLINS**	40	29	34	31	26	20	27	36	31	25	26	26	47	47	47	49	46	53	52	54	55	58	55	53	52	44	30	36	42	35	45	40.4	2400 EDT	
PASADENA 2 N HANSON	67	52	60	49	44	45	68	73	67	47	59	69	80	80	70	61	72	62	74	74	70	72	82	61	58	60	57	76	66	49	56	63.8	2400 EDT	
LOTHIAN JUG BAY																																		2400 EDT
BALTIMORE NWS BWI APT	67	51	60	48	44	48	67	74	67	47	63	71	80	79	73	63	71	64	75	72	68	76	81	62	61	60	56	73	65	47	57	64.2	2400 EST	
LAUREL 2 E STOUDT	65	53	59	47	44	49	67	72	66	48	64	72	81	80	78	64	75	69	77	71	68	79	82	64	59	59	56	73	64	51	60	65.0	2400 EST	
OWINGS MILLS 2SE SHARROW	62	50	57	44	41	48	65	72	64	45	63	71	77	77	75	67	73	66	72	70	68	77	83	63	59	57	55	72	64	48	53	63.2	2400 EDT	
BALTIMORE 2SE MANFRE																																		2400 EDT
BALT INNER HARBOR MD SCIENCE CENTER	68	54	62	50	46	47	70	76	70	49	62	69	83	82	74	63	73	63	76	77	72	76	85	66	63	62	57	76	71	51	56	66.1	2400 EST	
MANCHESTER 1SW CLOSE	59	49	55	42	41	45	63	69	62	42	61	68	77	76	78	66	72	66	72	69	67	69	80	60	58	55	51	70	64	53	48	61.5	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK	60	53	58	45	45	47	65	70	53	47	60	70	78	76	78	70	73	69	77	78	73	77	82	60	64	55	53	72	59	55	52	63.7	1900 EDT	
MILLERS 4NE MILLER	56	50	56	51	41	46	64	70	66	43	62	68	77	76	78	67	73	69	73	73	71	71	80	77	61	59	51	70	70	54	50	63.6	1800 EDT	
BRYANS ROAD 2 ESE BRUMBACK	72	56	61	50	45	48	67	74	66	48	64	73	82	81	86	63	77	68	76	73	81	84	68	60	64	56	78	66	59	66	67.2	2355 EDT		
EMMITSBURG 2 SE GLASS	45	57	51	58	43	43	46	65	70	54	45	61	68	79	78	81	66	74	67	73	70	66	73	79	59	63	57	54	70	58	52	62.1	0700 EDT	

**ACON MD / DE / DC**  
**MARCH 2012 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	
LAUREL JHU / APL GIANNOLA																																		2400 EDT
NORBECK 1 SE BERGER	64 45	54 30	58 45	45 34	41 26	48 23	67 35	70 53	66 40	48 29	63 30	70 39	79 57	78 56	84 52	63 50	75 48	67 50	75 52	70 60	67 58	76 57	83 56	68 55	59 50	59 44	55 28	74 39	67 49	64 34	49 43	64 43	64.7 44.1	2200 EDT
POTOMAC 4N COHEN	62 46	55 32	57 44	45 36	42 27	49 25	67 36	71 55	65 42	49 31	63 29	71 37	79 58	78 52	81 48	65 51	68 48	75 53	72 53	66 61	79 57	82 58	69 55	60 56	59 50	53 42	74 31	65 41	48 37	48 45	62 45	64.7 44.6	2100 EDT	
OLNEY 1 S GIANNOLA	65 43	51 32	58 44	45 33	40 26	46 21	66 35	70 53	64 37	46 29	61 30	68 40	78 56	77 52	82 50	61 49	74 48	65 50	73 52	70 60	65 57	76 57	82 54	66 54	58 49	58 42	52 26	74 40	64 46	46 34	62 42	63.3 43.3	2400 EDT	
CLARKSBURG 2ENE HOLDEN	63 39	52 36	58 43	44 32	41 28	47 23	66 35	69 51	63 34	45 28	62 32	68 44	78 56	75 58	81 50	63 48	74 47	65 49	73 54	72 57	65 56	76 57	80 80	63 63	62 46	56 53	70 28	65 43	49 35	49 43	59 43	63.1 43.2	2400 EST	
ROCKVILLE 2 W McGINNIS	66 43	54 33	59 44	46 32	42 27	49 24	67 36	73 54	64 37	46 30	63 30	70 39	80 57	78 56	83 51	62 50	75 49	66 50	75 53	72 61	67 57	77 58	83 57	67 53	60 49	59 43	53 30	75 41	65 46	48 38	64 44	64.8 44.3	2400 EST	
GLENMONT 1NNE ROSSEN	67 40	55 32	63 45	48 34	43 28	51 24	70 36	75 54	66 38	50 31	67 29	73 35	82 57	81 49	86 47	64 50	77 46	70 51	77 49	73 57	67 56	80 55	85 54	65 54	61 50	59 40	58 29	78 38	62 43	50 36	63 45	66.6 43.0	2400 EST	
BETHESDA SCAFIDE	66 43	53 35	60 46	47 33	42 28	47 25	68 37	72 53	66 38	47 31	63 32	70 42	78 57	79 57	81 53	60 50	73 49	66 51	75 54	70 60	67 58	77 58	81 58	66 54	61 50	59 40	54 31	75 43	61 46	49 38	49 46	64 46	64.4 44.9	2400 EDT
GAITHERSBURG 2WNW SHAW	65 41	54 32	60 44	46 33	42 27	49 24	68 35	71 54	64 38	48 31	65 31	70 37	81 57	79 51	83 48	64 50	75 47	68 52	76 55	74 59	66 57	79 58	84 55	68 54	62 49	59 41	56 30	74 42	62 46	50 36	61 46	65.3 43.8	2400 EDT	
FOREST GLEN TERRY	70 41	55 33	63 46	50 34	46 27	50 25	70 37	75 53	66 37	51 30	66 33	72 40	81 58	82 54	85 51	62 50	77 49	69 51	79 54	74 60	69 58	80 57	86 56	66 54	64 50	62 40	59 29	76 41	65 46	51 36	68 45	67.4 44.4	2400 EDT	
OXON HILL SMITH	69 47	54 34	62 46	51 37	45 29	49 27	67 37	73 53	67 43	49 32	64 31	73 42	81 57	81 53	84 51	59 50	74 50	70 50	77 53	72 59	77 57	80 57	82 57	69 57	62 51	61 43	57 34	73 42	67 47	53 39	64 46	66.6 45.5	2300 EDT	
HOLLYWOOD 3 ENE GLEASON	70 47	51 38	58 49	49 39	42 31	45 31	66 40	72 55	65 44	60 35	67 33	70 45	78 56	80 53	75 54	62 51	68 50	69 51	71 58	69 50	74 58	77 56	65 58	58 53	63 46	56 37	75 46	66 50	55 43	58 48	64.0 47.2	2400 EDT		
RIDGE ZYLA	71 47	53 39	57 49	50 36	39 32	44 28	67 39	73 52	63 41	46 34	60 35	70 45	78 55	77 57	80 57	62 50	69 51	66 50	73 50	69 56	65 57	77 56	79 59	64 53	59 45	66 35	55 35	77 45	68 52	57 43	58 48	64.2 46.9	2400 EDT	
SMITHSBURG 1.5 SW HUTTO	57 35	52 26	56 40	41 31	40 27	48 19	66 28	69 49	51 34	46 27	65 24	70 31	78 57	79 49	82 42	71 48	78 44	69 45	72 53	75 50	68 55	80 50	85 51	69 47	62 37	58 28	74 37	66 40	54 30	54 43	64.2 39.8	2400 EDT		
HAGERSTOWN 1E KEEFER	58 35	50 27	56 39	41 31	41 25	48 20	65 29	69 48	53 34	44 28	53 27	68 32	78 57	80 48	81 44	70 48	77 45	66 50	73 53	67 51	77 56	82 52	69 51	62 47	59 37	53 29	74 43	66 42	52 32	54 43	63.2 40.6	2400 EDT		
SMITHSBURG 3 NE VAUGHN	54 36	50 30	55 38	40 28	38 25	45 22	63 36	68 46	50 29	44 24	62 31	67 42	76 57	76 55	79 52	68 47	76 51	67 52	69 57	72 59	66 55	77 59	80 54	70 48	61 44	58 33	52 27	72 42	66 42	52 32	53 41	62.1 41.7	2400 EDT	
SALISBURY NWS WICOMICO CO APT	71 43	54 32	61 48	51 34	42 27	47 27	64 34	72 53	64 36	47 29	59 25	70 33	74 50	78 50	80 47	71 50	66 48	70 46	74 51	69 56	74 54	79 57	82 57	60 50	57 41	56 31	75 35	67 46	62 36	65 47	65.4 42.6	2400 EST		
WASH NATIONAL NWS ASOS	70 46	55 40	63 48	51 37	46 32	49 29	67 40	74 53	67 41	50 34	63 35	72 45	81 56	81 54	82 54	59 51	68 52	75 56	68 62	76 59	72 59	83 59	67 54	62 51	60 42	56 34	72 46	70 50	54 43	64 48	66.4 47.2	2400 EST		
WASH DULLES NWS ASOS	67 42	52 30	60 42	47 32	44 26	49 21	68 35	72 53	65 39	47 31	65 31	71 37	80 55	80 46	84 47	62 50	75 45	68 51	76 54	74 55	67 54	80 54	83 55	66 50	63 40	60 30	73 40	67 46	55 35	66 43	65.9 42.7	2400 EST		
STERLING 4 N SHAFFER	67 52	52 32	60 38	48 25	48 26	48 25	68 35	72 52	65 45	47 33	65 31	70 38	80 57	80 54	83 48	62 52	75 49	68 54	73 53	75 60	67 57	77 54	83 55	67 54	62 54	61 54	55 42	73 54	67 48	53 38	66 44	65.5 45.0	2400 EDT	
DAVIS 3 SE WV LESHER	55 37	46 29	51 33	41 20	24 16	25 9	52 14	59 44	61 24	39 16	42 16	60 38	64 40	63 44	67 43	64 50	63 47	70 46	62 48	68 49	71 50	68 52	74 50	74 51	57 46	58 40	43 15	56 14	65 36	54 36	60 41	56.6 35.3	0700 EDT	

**ACON MD / DE / DC**  
**MARCH 2012 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	0.04	0.10	0.23					0.04				0.05											0.23							0.10	0.79 0.0	2400 EDT	
MIDDLETOWN 6 N DE LEGATES	0.08	0.15	0.26					0.08				0.05					0.01			0.01	0.01		0.26	0.02			0.01	0.01		0.03	0.98 -	2400 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT	0.10	0.17	0.25					T				T	0.03				T		T				0.30	T			0.01			0.06	0.92 0.0	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	0.07	0.15	0.19					0.01				0.03									0.01		0.16							0.10	0.72 -	2400 EDT	
TOWNSEND 4 W, DE U of D REC DEOS	0.14	0.15	0.46					0.10				0.07											0.01	0.37	0.01			0.03		0.05	1.39 -	2400 EDT	
GEORGETOWN, DE NWS SUSSEX CO APT	0.10	0.02	0.01		0.01			0.01				0.02		T							0.06		0.14	T					0.03	0.40 -	2400 EST		
GEORGETOWN, DE U of D REC DEOS	0.01	0.23	0.07		0.04			0.17				0.11										0.01	0.10							0.05	0.79 -	2400 EDT	
HARBESON 8 S, DE U of D REC DEOS		0.27	0.05		0.02			0.14				0.12		0.01							0.02	0.01	0.36	0.02						0.03	1.05 -	2400 EDT	
REHOBOTH BEACH BWK U of DE DEOS		0.25	0.08		0.01			0.15				0.15		0.08							0.02	0.01	0.10	0.02			0.01			0.01	0.89 -	2400 EDT	
FROSTBURG LATTA	1.60		0.52		0.01 0.7	T 0.4		0.04				0.09			T			0.09	T		0.02		0.85	0.43	0.01			0.05	0.46	4.17 1.1	0700 EDT		
LAVALE MULLINS**		0.45		0.02 0.1	0.01 0.1		0.04					T					0.11	0.17				0.13	1.18					0.03	0.38	2.52 0.2	2400 EDT		
PASADENA 2N HANSON	0.05	0.51	0.72					0.02													0.01		0.61	0.06	0.01		0.03				2.02 0.0	2400 EDT	
LOTHIAN JUG BAY																															1.33 0.0	2400 EDT	
BWI NWS ASOS	0.04	0.42	0.49		T T			0.01				0.01			T			0.04	0.01		T		0.69	0.02			0.03		T		1.76 T	2400 EST	
LAUREL 2 E STOUDT	0.03	0.72	0.50		T T			0.01				0.01			T		T	T	0.08		T		0.23	0.04			0.03		T		1.65 T	2400 EST	
REISTERSTOWN MULLER	0.13		0.31	T T	T T			T	0.19			0.02			T			0.01	0.19				0.39	0.09			0.14		T	0.02	1.49 T	2200 EDT	
OWINGS MILLS 2SE SHARROW	0.03	0.08	0.10		T T			T				T					T	T	T	T			0.23	T			0.07		T	T	0.51 T	2400 EDT	
BALTIMORE 2SE MANFRE																																	2400 EDT
BALT INNER HARBOR MD SCIENCE CENTER	0.04	0.21	0.22					0.02				0.01								0.01			0.58	0.03			0.04		0.01		1.17 -	2400 EST	
MANCHESTER 1SW CLOSE	T	0.14	0.05	T T	T T			0.03				T	T					0.20	0.02		T		0.70	0.02			0.06		T		1.22 T	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK	0.32	0.04	0.34		T T			0.04				0.02								0.29			0.38	0.22			0.15			0.04	1.84 T	1900 EDT	
MILLERS 4NE MILLER	0.36	0.01	0.24	T T	T T			0.02				0.01					T	T	0.11		0.01		0.69	0.23			0.02		T		1.70 T	1800 EDT	
BRYANS ROAD 2 ESE BRUMBACK	T	0.28	0.06			T		0.02				0.03				T		T	0.03		T		0.20	0.18			0.04		0.02	0.86 0.0	2355 EDT		
EMMITSBURG 2 SE GLASS	1.10		0.35					0.01				0.02								T	0.63	0.46		0.13	0.77			0.08		0.08	3.63 0.0	0700 EDT	

**ACON MD / DE / DC  
MARCH 2012 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
LAUREL JHU / APL GIANNOLA																																2400 EDT	
NORBECK 1 SE BERGER	0.11	0.18	0.56		T T				0.02				0.02		T T			T T		0.80	T			0.27	0.06			0.01		T T	2.03 T	2200 EDT	
POTOMAC 4N COHEN	0.09	0.21	0.61		T T				0.03				0.02			T				0.14	T	T	0.33		0.07			0.01		T	1.51 T	2100 EDT	
OLNEY 1 S GIANNOLA	0.01	>	0.61	T T									0.02					T	0.01	0.95				0.41	0.06			0.05			2.12 T	2400 EDT	
CLARKSBURG 2ENE HOLDEN	0.01	0.29	0.13	T T	T T				0.03			T	T		T				0.10	0.77	0.01			0.54	0.02			0.03	0.01		1.94 T	2400 EST	
ROCKVILLE 2 W McGINNIS	0.04	0.60	0.21		T T				0.01			T	0.01		T	T			T	0.14	T	T			0.45	0.07			0.01	T	1.54 T	2400 EST	
GLENMONT 1NNE ROSSEN	0.02	0.83	0.17		T T				0.01				T		T			T	0.03	1.05				0.23	0.07			0.01	T	2.42 T	2400 EST		
BETHESDA SCAFIDE	0.02	1.02	0.14																0.01	0.44				0.32	0.10						2.05 -	2400 EDT	
GAITHERSBURG 2WNW SHAW	0.01	0.40	0.14		T T				0.02			T	T						0.03	0.35	T			0.59	0.12			0.03	T		1.69 T	2400 EDT	
FOREST GLEN TERRY	0.02	0.86	0.27		T T				T				T			T			0.01	0.61				0.16	0.08			T			2.01 T	2400 EDT	
OXON HILL SMITH	0.01	0.27	0.19		T T				0.03			T	0.02			0.02		T	T	0.03	T			0.10	0.20			0.01	T		0.88 T	2300 EDT	
HOLLYWOOD 3 ENE GLEASON		0.29	0.11		0.07	0.05 1.0			0.09				0.18		0.01					0.10	0.01				0.10			0.01		0.07	1.09 1.0	2400 EDT	
RIDGE ZYLA		0.45	0.02		0.27 1.3				0.15				0.28		0.10							0.47		0.45	0.11			0.03		0.03	2.36 1.3	2400 EDT	
SMITHSBURG 1.5 SW HUTTO	0.01	0.38	0.01	T T	T T			0.10							0.01	0.01			0.77	0.61				0.96	0.02			0.20		0.05	3.13 0.0	2400 EDT	
HAGERSTOWN 1E KEEFER		0.29	0.02	T T	T T			0.06				T	0.01		T	0.01			0.34	0.06				0.44	0.06			0.19		0.02	1.50 T	2400 EDT	
SMITHSBURG 3 NE VAUGHN	0.01	0.24	0.01					0.13	0.01										0.59	1.30				0.45	0.01			0.08		0.05	2.88 0.0	2400 EDT	
SALISBURY NWS WICOMICO CO APT	0.01	0.15	0.08	T	0.18				0.15				0.24		0.11	0.03					0.01	0.01		0.15	0.01			T	T	T	1.13 -	2400 EST	
WASH NATIONAL NWS ASOS	0.05	0.34	0.16		T T			T	0.01				0.01		T	0.02			T	0.01	0.11	T	T		0.10	0.20			0.01	T	1.02 T	2400 EST	
WASH DULLES NWS ASOS	T	0.81	0.07		T T				T				0.01			0.02			0.01		T			0.39	0.18			0.03	T		1.52 T	2400 EST	
STERLING 4 N SHAFFER		0.37	0.56		0.01 T											0.08				>	0.29		T	0.32		0.05			T		1.68 T	2400 EDT	
DAVIS 3 SE WV LESHER	2.54		0.89	0.02 0.4	0.13 2.6	0.23 4.1			0.28				0.37				0.03	0.12	0.73	0.02	0.69			0.30	0.15	0.11			0.82	0.58	8.01 7.1	0700 EDT	