



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

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

WARMTH FROM MARCH CONTINUES

Above average temperatures which began in March continued into April. The warmest temperatures occurred during the first half of the month. There was no unusual cold this month. Freezing temperatures were far and few between. Precipitation was below average. The driest area was in Western Maryland, and in portions of the Washington / Baltimore region eastwards thru the Delmarva Peninsula. No snow was reported in Maryland and Delaware.

The warmest temperatures during the first three days occurred in Western Maryland where 80's were observed. **Nate Mullins of LaVale** reported 86° on the 2nd.

80's covered most of the region on the 5th. Summer-like temperatures of 90°+ occurred west of the Chesapeake Bay on the 6th and 7th south of a line from Baltimore to LaVale. This was the earliest a 90° reading occurred at NWS Washington D. C. National Airport since 1942. At Hagerstown, where records date back over 100 years, **Greg Keefer** reported that the 92° on the 6th broke the record for the earliest 90° that was set on April 16, 2002.

Scattered fast moving thunderstorms ended the heat on the evening of the 8th. **Greg Keefer of Hagerstown 1 E** reported a wind gust of 52 MPH along with some downed trees in the north end of Hagerstown. **Marty Brumback of Bryans Road 2 ESE** and **John Zyla of Ridge** both reported 1.00" of rain on the 8th and 9th.

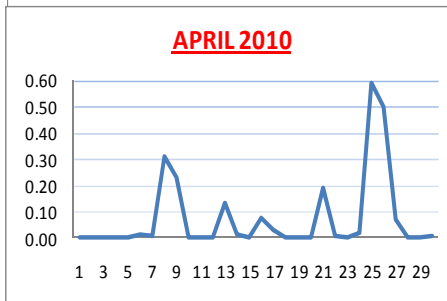
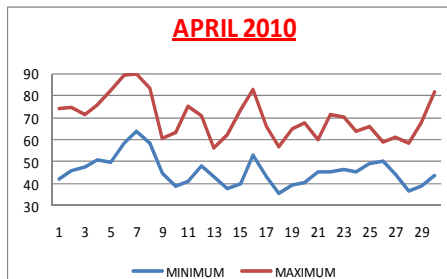
Windy and much cooler weather followed. Maximum temperatures were generally in the 50's and 60's on the 9th and 10th. Temperatures briefly rose into the 70's on the 11th after a chilly morning with temperatures in the 30's and 40's. A cold rain fell on the 13th. Rainfall amounts were generally less than a quarter of an inch. Temperatures rose back into the 80's again on the 16th. Late on the 16th scattered showers and thunderstorms along with winds gusting into the 40's and 50's ushered in much cooler temperatures.

From the 17th to the 28th maxi-

imum temperatures were generally in the 60's with the exception of 70's on the 22nd and 50's on the 18th, 25th and 26th. Minimum temperature were generally in the 40's except for the 18th, 27th to the 29th when 30's were common.

After a fairly dry first three weeks showers and thunderstorms brought upwards of 2" of rain that fell on the 25th and 26th. **Marty Sharrow of Owings Mills** reported 0.75" hail stones in a thunderstorm on the 25th along with a two day total precipitation of 2.05".

The month ended as it began: chilly morning and a warm afternoon.



ACON MD/DE Network

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

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Baltimore 2 SE	94
Glenmont 1 NNE	94
Forest Glen	94
5 Stations	93

MINIMUM TEMPERATURE

Davis 3 SE WV	25
Frostburg	30
Millers 4 NE	30
Smithsburg 1.5 SW	30
3 Stations	31

WARMEST AVG. TEMP.

Baltimore 2 SE	61.4
Oxon Hill	60.7
Ridge	60.6

COLDEST AVG. TEMP.

Davis 3 SE WV	48.7
Frostburg	53.2
Manchester 1 SW	55.2

MAXIMUM PRECIPITATION

Middletown 6 N DE	3.39
Smithsburg 1.5 SW	3.12
Clarksburg 2 ENE	2.97

MINIMUM PRECIPITATION

Georgetown DEOS 5 SW	1.38
Bethesda	1.39
Jug Bay Wetlands	1.54

MAXIMUM SNOWFALL

Davis 3 SE WV	T
All other stations	0.0

Importance of Quality Data:

Data provided by **Marty Brumback of Bryans Road 2 ESE** was instrumental in Charles County's successful appeal to FEMA for Public Assistance funds to assist in the recovery from the December 2009 severe winter storm.

Weather Party:

At the home **Herb Close of Manchester 1 SW** Saturday, July 17. Details to follow.

Long time weather observer **Floyd Abell of Hollywood, Maryland**, passed on Friday, May 7, 2010. A memorial section for Floyd will appear in the May ACON issue. If anyone who would like to send us your memories of Floyd please submit them to Gary Gallaher or Kevin Shaw.

OBSERVER COMMENTS FOR APRIL 2010

Gary Gallaher of Bear 2 SW, DE

5th, 6th, & 7th - Record high temps each day. Warm temps rapidly forced trees to leaf which quickly created heavy pollen.

14th - Frozen dew on car. Dense fog before dawn.

25th - Thunderstorm. Pea size hail reported ~5 miles south of station.

28th - Light frost, record low temperature.

Greg Latta of Frostburg

17th & 26th - Thunder during the past 24 hours ending @ obs.

Nate Mullins of LaVale

6th & 7th - Record heat each day of 92°. It was the earliest ever 90 degree temperatures.

7th - Minimum of 69° was 1 degree shy of the April record of 70° set on 4/26/1990.

25th - Humid, PM heavy rain shower with thunder.

Jeff Stoudt of Laurel 2 E

25th - Thunderstorm after dusk with brief +TSRA.

Marty Sharrow of Owings Mills

14th - Early fog and frost.

25th - A severe thunderstorm dumped 3/4" hail along with a rainfall rate of 2 3/4" per hour.

Joe Manfre of Baltimore 2SE

6th - Partly cloudy, low humidity, hot.

25th - PM thunderstorms.

Herb Close of Manchester 1 SW

This April was only the 6th in 20 years where no snow fell.

Ralph Hartsock of Westminster 4 SSE

9th - Rain overnight, clear, colder and windy.

19th - Morning frost then sunny and mild.

25th - Heavy evening thunderstorms with hail.

Bobby Miller of Millers 4 NE

Boring month weather wise, dry with no snow.

6th, 16th, & 25th - Thunder each day.

Ray Muller of Westminster City

16th - Thunderstorm with cloud to cloud and cloud to ground lightning moved west to east.

25th & 26th - Showers and thunderstorms produced periods of heavy rainfall.

28th - Scattered frost outside the city but none in the city.

Eric Glass of Emmitsburg 2 SE

5th - Sunny, pleasant.

10th - Sunny, cold, and breezy.

14th - Foggy, cloudy, light winds, cold.

Rob Cohen of Potomac 4 N

April temperatures averaged 3.7° above normal. The first 15 days averaged 5.2° warmer than the last fifteen days.

5th, 6th, & 7th - Record warmth.

7th & 25th - Thunder.

Rich Giannola of Laurel JHU / APL

14th - Morning fog burnt off by 8 AM.

22nd - Morning fog burnt off by 8:30 AM.

Rich Giannola of Olney 1 S

6th, 8th, 25th & 26th - Thunder each day.

Richard Holden of Clarksburg 2 ENE

6th, 8th, 16th & 25th - Thunder

25th - Pea sized hail.

Stan Rossen of Glenmont 1 NNE

6th - Brief light shower around 5:35 AM EST.

8th - Breezy afternoon, thunder was first heard at 6:55 PM EST. The barometer shot up from 29.60" at 6:57 PM EST to 29.67" at 7:07 PM EST.

Kevin Shaw of Gaithersburg 2 WNW

Second warmest April and the driest since 1999. This was the first April without freezing temperatures. Barometric pressure extremes were 30.60" (14th) and 29.20" (26th).

5th, 6th, 7th, & 30th - Record high temperatures each day.

6th & 8th - Record high min temperatures each day.

6th - Sunny, hot, AM clouds.

25th - Record daily precipitation.

Joe Terry of Forest Glen

A warm, dry month with no major storm events of any kind.

6th - Earliest 90° in the season in 15 years of records.

7th - 16% minimum relative humidity and breezy conditions made the 94° actually tolerable, but by midnight it was an unbelievable 80°.

8th - Evening weak thunderstorm. The downdraft produced a very impressive 50% increase in relative humidity in only 10 minutes along with a 10° temperature fall.

Brian Smith of Oxon Hill

8th, 25th, & 26th - Thunder.

John Zyla of Ridge

4th - Beautiful day!

26th - Two thunderstorms.

Max Hutto of Smithsburg 1.5 SW

1st - Cold AM (35°) but very warm PM (80°).

30th - Sunny, much warmer, AM 38°, PM 85°.

Greg Keefer of Hagerstown 1 E

4th warmest April. Record is 57.0° set in 1994.

5th - Tied record high of 84° set in 1910.

6th - Record high of 92° also set a record for the earliest 90 reading in the season. Old record earliest date was April 16 set in 2002.

7th - Record high. Humidity down to 17%.

Jim Vaughn of Smithsburg 2 NE

4th warmest April.

6th & 7th - Record high maximum & minimum temps.

27th - Tied record low maximum temperature.

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
APRIL 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>																										
Gallagher, Gary	Bear 2 SW	67.8	43.0	55.4	87	6+	32	28	0	0	1	48	W	8	2.91	1.12	25	17.27	11	1	0.0	0.0	72.7	2400		
Legates, David	Middletown 6 N	68.5	44.4	56.5	88	7	35	28	0	0	0	29		16	3.39	0.95	25	13.59	14	0	0.0	0.0		2400		
NWS Wilmington	New Castle Co. Apt.	67.5	45.1	56.3	87	7	35	28	0	0	0	47	W	8	2.43	0.89	25	16.19	11	0	0.0	0.0	72.7	2400		
UofDE AG FARM DEOS***	Newark	68.4	44.2	56.3	89	7	36	18+	0	0	0	22		16	2.72	0.92	25	12.55	10	0				2400		
U of D REC DEOS***	Townsend 4 W	66.9	44.2	55.6	87	7	36	14	0	0	0	37		16	2.78	1.11	25	14.05	12	1				2400		
<i>Sussex, Delaware</i>																										
NWS Georgetown	Sussex Co. Airport	70.7	45.8	58.3	89	7	37	28	0	0	0	33	SSW	8	1.58	0.73	9	15.32	6	0				2400		
U of D REC DEOS***	Georgetown 5 SW	69.8	45.7	57.8	87	6+	36	28	0	0	0	28		8	1.38	0.59	9	13.00	6	0				2400		
U of D REC DEOS***	Harbeson 8 S	68.9	45.3	57.1	89	7	36	10+	0	0	0	30		8	1.48	0.52	9	14.66	6	0				2400		
<i>Allegany, Maryland</i>																										
Latta, Greg	Frostburg	66.3	40.0	53.2	85	7	30	28+	0	0	5				1.72	0.58	17	14.53	7	0	0.0	0.0	102.7	0700		
Mullins, Nate**	LaVale	69.5	44.4	57.0	92	6+	34	29	2	0	0				1.29	0.53	25	12.06	7	0	0.0	0.0	78.3	2400		
<i>Anne Arundel, Maryland</i>																										
Hanson, Dan	Pasadena 2 N	71.6	45.0	58.3	93	6+	33	18	2	0	0	32	W+	16+	1.72	0.66	25	11.47	6	0	0.0	0.0		2400		
Jug Bay Wetlands	Lothian	73.6	45.4	59.5	93	7+	32	28+	2	0	2				1.54	0.73	9	12.64	7	0	0.0	0.0	52.8	0900		
NWS Baltimore	BWI Airport	69.7	44.6	57.2	90	6+	34	28	2	0	0	49	W	16	2.20	0.99	25	14.12	7	0	0.0	0.0	80.7	2400		
Stoudt, Jeff	Laurel 2 E	71.2	47.0	59.1	92	6	38	10+	2	0	0				2.23	0.74	25	14.77	7	0	0.0	0.0	88.5	2400		
<i>Baltimore, Maryland</i>																										
Sharrow, Marty	Owings Mills 2 SE	68.9	44.7	56.8	89	6	32	14	0	0	1				2.78	1.78	25	14.12	8	1	0.0	0.0	97.5	2400		
<i>Baltimore City, Maryland</i>																										
Manfre, Joe	Baltimore 2 SE	71.7	51.0	61.4	94	7	40	18	2	0	0				2.36	1.21	25	12.74	7	1	0.0	0.0	79.0	1800		
Maryland Science Ctr	Baltimore Inner Harbor	71.5	50.9	61.2	93	6+	41	18+	2	0	0				2.68	1.44	25	13.24	7	1				2400		
<i>Carroll, Maryland</i>																										
Close Jr, Herb	Manchester 1 SW	66.7	43.7	55.2	86	6+	31	18+	0	0	2				2.23	0.61	25	13.11	11	0	0.0	0.0	94.7	2300		
Hartsock, Ralph	Westminster 4 SSE	70.2	46.1	58.2	89	7	31	13	0	0	1	42	SW	9	2.94	1.50	26	14.09	9	1	0.0	0.0	88.0	1900		
Miller, Bobby	Millers 4 NE	68.1	43.7	55.9	86	6	30	14	0	0	1				1.97	0.58	26	12.40	10	0	0.0	0.0	87.6	1800		
Muller, Ray	Westminster City	69.3	45.3	57.3	90	7	33	14	1	0	0				2.32	0.52	27	12.10	9	0	0.0	0.0	85.0	1900		
<i>Charles, Maryland</i>																										
Brumback, Marty	Bryans Road 2 ESE	72.7	48.1	60.4	93	6	37	18	2	0	0				2.12	0.76	8	13.52	9	0	0.0	0.0	72.6	2400		
<i>Frederick, Maryland</i>																										
Glass, Eric	Emmitsburg 2 SE	68.2	42.8	55.5	89	7	34	14	0	0	0				2.14	0.56	26+	14.25	8	0	0.0	0.0	71.0	0630		
<i>Garrett, Maryland</i>																										
Harvey, Rebecca	Eagle Rock																							4.60	98.2	0800

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

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		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>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	69.3	46.3	57.8	91	6	37	14+	2	0	0	43	WNW+	16+	2.34	0.86	25	12.93	8	0	0.0	0.0	88.3	2400	
<i>Montgomery, Maryland</i>																									
Berger, Ron	Norbeck 1 SE	70.1	46.3	58.2	89	6+	35	18	0	0	0				2.26	1.09	26	12.61	9	1	0.0	0.0	79.9	2200	
Cohen, Rob	Potomac 4 N	71.2	46.0	58.6	91	6+	35	18	2	0	0				1.79	0.75	26	11.69	11	0	0.0	0.0	76.9	2100	
Giannola, Rich	Olney 1 S	70.7	45.7	58.2	90	6+	36	10+	2	0	0				2.47	1.61	25-26	12.17	5	1	0.0	0.0	85.0	2400	
Holden, Richard	Clarksburg 2 ENE	68.5	45.4	57.0	88	6	33	18	0	0	0	51	WNW	16	2.97	1.45	25	14.96	10	1	0.0	0.0	102.7	2400	
Roth, David	Montgomery Village 1SW	70.4	46.8	58.6	90	7	37	18	1	0	0				1.83	0.67	26	12.10	8	0				2400	
Rossen, Stan	Glenmont 1 NNE	72.2	44.8	58.5	94	7	36	28	2	0	0	24	SSE	8	2.07	0.82	25	12.17	9	0	0.0	0.0	76.4	2400	
Scafide, Tony	Bethesda	70.3	47.3	58.8	91	6	36	18+	2	0	0	21		17	1.39	0.37	8	<u>6.90</u>	8	0				2400	
Shaw, Kevin	Gaithersburg 2 WNW	70.9	45.2	58.1	93	6	35	18	2	0	0	28	N	16	2.22	0.80	25	12.14	9	0	0.0	0.0	80.7	2400	
Terry, Joe	Forest Glen	74.1	45.8	60.0	94	6+	35	18+	2	0	0	31	NE	17	1.69	0.69	8	12.26	9	0	0.0	0.0	75.7	2400	
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	72.6	48.8	60.7	92	6+	39	18	2	0	0				2.25	0.91	8	11.80	9	0	0.0	0.0	59.6	2300	
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood																	<u>13.13</u>					55.6	2400	
Zyla, John	Ridge	71.0	50.2	60.6	93	7	39	28	2	0	0	28		17	2.71	0.93	9	16.97	9	0	0.0	0.0	45.1	2400	
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	70.3	41.4	55.9	92	6	30	19	2	0	2	35	WSW	16	3.12	0.99	25	13.80	11	0	0.0	0.0	73.9	2400	
Keefer, Greg	Hagerstown 1 E	70.3	43.7	57.0	92	6	33	19	2	0	0	53	WSW	16	2.34	0.78	26	13.62	10	0	0.0	0.0	70.5	2400	
Vaughn, Jim	Smithsburg 2 NE	68.0	44.4	56.2	88	6	31	14	0	0	1	61	WSW	6	2.94	0.94	26	16.77	11	0	0.0	0.0	77.5	2400	
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	70.8	44.4	57.6	88	6+	32	18	0	0	1	39	W	28	1.33	0.51	9	15.86	7	0	0.0	0.0	2.0	2400	
<i>Arlington, Virginia</i>																									
NWS Washington National	National Airport	71.7	50.0	60.9	90	6+	41	18	2	0	0	59	WSW	8	1.50	0.62	8	9.33	7	0	0.0	0.0	56.1	2400	
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	72.6	45.9	59.3	93	6	32	18	2	0	1	41	WNW	9	1.29	0.51	26	11.29	6	0	0.0	0.0	73.2	2400	
Shaffer, Lance	Sterling 4 N	70.2	46.0	58.1	90	6+	34	17	2	0	0				2.31	0.95	26	13.89	7	0	0.0	0.0	75.3	2400	
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	60.5	36.9	48.7	81	3	25	28+	0	0	12				2.61	0.87	17	19.18	9	0	T	T	10	250.9	0700
SECTION AVERAGE*		69.4	44.5	57.0											2.13		13.85				0.0		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

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 Rev 6/6/10, REV 8/9/10

ACON MD / DE / DC
APRIL 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	AVG	OBS TIME
BEAR 2 SW, DE GALLAHER	71 40	66 40	59 46	75 46	80 45	87 53	87 63	81 61	61 44	62 41	75 38	68 44	52 39	63 35	73 38	81 48	61 43	56 35	65 42	67 36	61 39	72 50	67 41	67 37	53 48	54 49	60 37	60 32	70 39	79 41	67.8 43.0	2400 EDT
MIDDLETOWN 6 N LEGATES	72 41	67 43	58 46	76 47	81 46	87 54	88 64	82 61	63 45	63 42	76 42	70 46	52 43	65 37	74 42	83 49	61 39	56 36	66 43	68 39	64 41	72 49	68 43	68 40	53 48	55 50	61 37	60 35	69 41	80 42	68.5 44.4	2400 EDT
WILMINGTON , DE NWS NEW CASTLE CO APT	69 44	65 44	60 46	76 46	75 50	86 56	87 61	82 58	59 44	61 41	75 42	68 49	56 42	63 36	74 43	75 50	60 41	57 37	65 43	67 42	62 46	72 51	68 46	66 39	53 47	55 50	62 39	59 35	69 41	79 43	67.5 45.1	2400 EST
NEWARK AG FARM, DE U OF DE DEOS	73 41	69 42	62 45	75 47	81 47	88 56	89 60	83 60	61 43	61 39	77 40	67 48	53 44	66 37	75 41	82 50	60 41	56 36	64 43	68 40	64 42	72 48	67 44	68 40	53 47	54 49	60 39	58 36	70 39	80 43	68.4 44.2	2400 EDT
TOWNSEND 4 W, DE U of D REC DEOS	70 41	67 43	63 44	74 46	80 48	86 56	87 63	81 59	59 44	60 41	73 41	68 45	50 42	62 36	72 42	82 50	62 42	55 39	63 40	65 37	61 45	68 48	66 45	53 38	54 47	60 49	57 38	67 37	78 41	42	66.9 44.2	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	72 43	68 43	71 46	75 52	83 49	88 58	89 68	83 67	67 47	62 41	76 44	71 45	56 40	63 38	72 41	85 53	67 42	58 38	66 39	69 39	66 46	72 47	72 44	65 40	72 50	58 49	65 41	59 37	68 43	82 44	70.7 45.8	2400 EST
GEORGETOWN, DE U of D REC DEOS	73 42	67 43	71 46	76 51	81 49	87 56	87 67	81 67	68 47	61 39	74 44	71 46	56 40	62 38	71 39	84 53	66 42	57 36	64 36	68 36	64 43	71 50	69 46	65 40	74 50	58 50	64 46	58 36	67 44	81 43	69.8 45.7	2400 EST
HARBESON 8 S, DE U of D REC DEOS	65 43	63 42	68 46	73 52	80 49	87 57	89 69	81 67	68 47	61 36	75 43	67 45	54 40	60 36	71 40	84 53	66 42	57 36	64 36	67 36	67 43	71 50	69 46	61 38	72 50	56 50	63 46	57 36	68 44	82 43	68.9 45.3	2400 EST
FROSTBURG LATTA	65 36	80 45	83 49	80 48	71 46	77 46	85 58	84 54	76 36	41 33	63 32	69 40	68 40	45 36	58 36	76 37	77 43	77 31	47 32	58 34	62 35	65 41	67 40	68 43	55 44	65 46	60 41	52 30	50 30	64 37	66.3 40.0	0700 EDT
LAVALE MULLINS**	82 40	86 48	84 53	76 54	78 43	92 59	92 69	82 45	65 43	73 38	72 42	49 37	62 38	78 43	80 51	56 39	49 38	64 38	64 35	68 43	66 38	71 48	61 48	72 50	60 52	53 47	53 38	68 34	83 43	69.5 44.4	2400 EDT	
PASADENA 2 N HANSON	74 40	74 45	67 47	78 49	82 47	93 57	93 64	86 58	59 46	67 37	79 42	72 50	54 45	64 38	78 41	87 52	69 43	58 33	68 36	71 39	61 43	74 49	72 45	66 42	59 50	56 52	66 45	60 36	72 39	86 41	71.6 45.0	2400 EDT
LOTHIAN JUG BAY	M M	77 39	75 46	72 49	79 45	88 58	93 68	93 68	86 49	60 34	68 40	81 48	71 42	52 43	62 38	77 53	88 37	69 33	63 37	70 37	71 48	60 46	77 46	76 M	78 M	60 52	69 53	M 32	73 41	73.6 45.4	0900 EDT	
BALTIMORE NWS BWI APT	73 41	73 45	68 48	76 48	84 49	90 59	90 61	84 55	63 43	76 38	71 38	53 48	62 46	75 38	84 40	64 55	57 40	66 35	69 39	58 39	67 44	73 46	70 47	63 43	60 50	57 51	63 39	59 34	70 36	83 42	69.7 44.6	2400 EST
LAUREL 2 E STOUDT	79 43	77 46	74 49	78 52	86 51	92 62	91 66	85 56	65 46	77 38	72 41	55 46	64 39	77 43	85 75	67 45	57 42	67 38	69 42	57 42	72 47	71 44	64 49	65 48	57 51	61 52	59 44	72 40	84 45	71.2 47.0	2400 EST	
OWINGS MILLS 2SE SHARROW	76 44	73 48	69 47	76 48	81 52	89 59	88 68	81 55	63 42	75 37	69 43	53 51	62 43	75 32	81 38	66 43	55 34	67 36	69 39	57 42	72 40	71 45	62 41	58 46	54 48	60 48	56 33	71 35	82 42	68.9 44.7	2400 EDT	
BALTIMORE 2SE MANFRE	72 51	74 52	67 51	78 56	88 57	93 66	94 69	85 58	59 47	66 44	79 47	73 58	58 48	64 43	77 47	86 60	67 46	58 40	67 44	71 49	63 52	74 50	71 53	65 51	59 51	59 52	64 46	61 42	72 45	87 54	71.7 51.0	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER	71 51	74 51	67 51	78 56	87 57	93 64	93 69	86 58	59 47	66 43	79 48	72 58	59 48	64 43	78 46	86 60	66 46	58 41	67 44	70 50	62 53	74 50	72 53	65 53	59 51	59 52	64 47	60 41	72 45	86 51	71.5 50.9	2400 EST
MANCHESTER 1SW CLOSE	74 43	71 45	66 46	72 50	81 51	86 61	86 51	81 38	54 35	60 46	75 49	67 37	49 35	61 42	81 42	60 72	53 61	60 53	65 44	72 42	65 43	64 44	55 42	53 47	57 43	55 46	67 38	80 31	47	66.7 43.7	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK	75 45	76 48	72 48	75 50	80 49	87 61	89 69	84 69	58 46	64 40	70 43	51 45	65 45	76 31	72 42	84 58	61 44	61 33	65 36	72 40	62 43	70 42	67 48	70 43	63 48	63 50	65 50	61 35	70 41	79 44	70.2 46.1	1900 EDT
MILLERS 4NE MILLER	73 41	72 45	69 47	72 48	79 49	86 58	85 65	83 62	76 43	60 37	73 42	70 42	62 42	61 42	80 30	65 39	51 55	61 45	62 33	63 37	61 42	69 39	65 43	57 39	55 44	56 47	56 47	66 36	80 41	68.1 43.7	1800 EDT	
WESTMINSTER CITY MULLER	74 41	74 49	70 49	76 48	84 50	90 59	86 63	84 64	68 45	62 39	74 40	68 48	62 44	60 33	72 41	83 58	62 45	54 36	64 36	68 39	56 45	72 41	68 43	65 44	58 46	56 49	63 48	56 35	68 38	81 42	69.3 45.3	1900 EDT
BRYANS ROAD 2 ESE BRUMBACK	77 43	79 51	76 47	78 55	87 52	93 62	93 68	86 57	60 44	66 44	78 43	73 51	53 46	64 45	76 40	86 57	71 47	59 37	67 43	71 40	56 52	74 51	75 50	59 50	78 54	66 45	60 48	71 38	85 44	72.7 48.1	2400 EDT	
EMMITSBURG 2 SE GLASS	71 39	77 40	77 41	72 47	75 45	82 46	89 57	88 60	82 45	54 40	65 39	76 48	40 45	46 34	70 45	81 36	83 37	56 51	54 41	65 37	66 41	57 43	73 43	70 43	62 48	54 48	58 49	59 37	69 38	68.2 42.8	0630 EDT	

ACON MD / DE / DC
APRIL 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	AVG	OBS TIME	
EAGLE ROCK HARVEY																																	0800 EST
LAUREL JHU / APL GIANNOLA	75 43	73 47	69 47	76 52	84 51	91 63	90 68	81 54	54 43	64 39	77 42	70 52	52 45	63 37	75 41	82 60	68 43	54 37	64 40	67 41	56 45	72 42	68 49	61 45	65 48	56 50	60 43	56 38	69 43	85 43	69.3 46.3	2400 EDT	
NORBECK 1 SE BERGER	75 43	77 48	73 48	76 52	84 50	89 61	89 66	83 61	61 46	62 36	76 39	73 52	57 46	63 38	73 39	82 53	68 46	57 35	66 40	69 40	56 46	71 44	70 49	62 47	69 50	56 51	60 46	56 37	68 37	81 42	70.1 46.3	2200 EDT	
POTOMAC 4N COHEN	78 40	76 46	74 48	75 51	85 49	91 59	91 60	84 62	57 49	64 38	76 37	75 50	60 47	62 38	75 39	83 50	64 48	56 35	65 40	67 41	54 46	82 45	80 46	62 47	73 51	58 51	58 50	57 37	70 36	84 43	71.2 46.0	2100 EDT	
OLNEY 1 S GIANNOLA	> >	> >	76 42	76 50	84 52	90 61	90 61	84 56	64 43	64 36	77 42	72 48	55 46	64 38	76 40	> >	> >	> >	83 36	68 43	55 48	71 43	71 48	62 48	69 49	55 50	59 46	57 36	71 37	83 44	70.7 45.7	2400 EDT	
CLARKSBURG 2ENE HOLDEN	75 47	76 47	74 46	73 49	82 55	88 61	87 64	80 52	53 42	63 38	74 45	69 47	53 38	63 35	74 43	82 56	60 40	53 33	64 38	65 43	54 45	71 40	69 46	61 48	69 48	57 49	59 41	57 37	69 39	81 50	68.5 45.4	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	74 42	76 49	74 51	76 53	84 51	M M	90 62	85 57	58 46	64 39	76 41	74 51	57 45	62 38	75 40	85 53	M M	56 37	67 41	62 52	56 48	72 46	71 48	65 49	70 51	59 51	M M	60 39	71 40	84 44	70.4 46.8	2400 EDT	
GLENMONT 1NNE ROSSEN	79 40	80 44	75 48	79 50	88 48	93 58	94 57	87 55	59 45	67 37	80 39	74 47	52 45	66 40	77 39	87 51	66 41	59 36	68 40	69 40	56 45	73 46	72 46	61 46	71 51	57 52	62 40	58 37	72 38	86 42	72.2 44.8	2400 EST	
BETHESDA SCAFIDE	76 45	77 50	74 49	75 53	85 63	91 65	90 65	82 56	56 46	64 38	76 42	70 54	57 46	61 39	75 41	83 54	69 46	55 36	65 39	66 42	55 49	70 47	70 50	61 47	75 51	59 51	62 48	58 36	71 38	82 45	70.3 47.3	2400 EDT	
GAITHERSBURG 2WNW SHAW	79 41	79 46	76 50	76 51	85 49	93 60	90 59	84 54	56 45	67 38	77 40	71 50	54 43	64 37	76 39	82 51	69 44	56 35	66 40	67 41	55 46	71 45	70 46	61 45	71 50	59 42	60 36	58 37	72 43	84 43	70.9 45.2	2400 EDT	
FOREST GLEN TERRY	80 45	81 49	77 48	81 51	89 51	94 62	94 60	86 56	61 45	69 37	81 40	76 50	54 46	67 40	80 40	87 52	69 44	61 35	69 40	72 41	56 47	76 46	75 46	64 47	76 51	60 51	67 41	60 35	74 35	87 43	74.1 45.8	2400 EDT	
OXON HILL SMITH	78 45	79 51	78 47	79 54	87 53	92 63	92 65	85 57	59 49	68 43	79 43	74 53	54 46	63 42	76 41	84 55	71 46	59 39	67 44	69 46	58 50	74 50	73 52	62 54	78 53	62 52	63 48	59 42	73 41	85 44	72.6 48.8	2300 EDT	
HOLLYWOOD ABELL																																	2359 EDT
RIDGE ZYLA	68 45	68 48	64 48	76 57	75 53	92 64	93 67	83 63	64 47	66 40	77 50	72 52	58 47	62 45	72 46	87 59	73 47	61 40	66 42	67 45	60 50	74 50	69 54	58 54	77 55	65 54	68 51	61 39	72 44	83 54	71.0 50.2	2400 EDT	
SMITHSBURG 1.5 SW HUTTO	80 35	81 42	77 46	76 49	82 45	92 56	90 61	84 53	54 43	67 40	76 34	70 43	51 36	63 31	76 33	83 47	58 41	51 33	65 30	66 33	64 41	72 40	63 40	64 40	64 50	57 49	56 43	70 36	85 38	70.3 41.4	2400 EDT		
HAGERSTOWN 1E KEEFER	77 38	79 44	75 51	75 56	84 47	92 59	90 60	83 54	54 44	66 41	77 37	70 45	52 39	62 33	76 36	85 54	59 41	53 36	66 33	66 36	62 43	72 44	73 43	63 42	61 50	65 50	58 43	57 36	71 36	85 41	70.3 43.7	2400 EDT	
SMITHSBURG 2 NE VAUGHN	73 43	77 49	76 50	74 53	80 54	88 60	86 69	79 52	53 39	67 37	73 41	68 47	58 37	60 31	73 42	81 44	58 38	49 35	62 37	63 41	61 47	69 40	69 44	61 48	61 48	63 48	54 40	55 35	67 39	82 44	68.0 44.4	2400 EDT	
SALISBURY NWS WICOMICO CO APT	72 39	67 40	71 46	77 49	82 47	88 56	88 67	82 66	65 47	62 37	74 42	70 43	58 38	62 39	70 37	86 52	69 38	58 32	66 41	70 46	65 41	72 46	71 46	67 42	76 51	60 52	68 44	59 33	67 42	81 43	70.8 44.4	2400 EST	
WASH NATIONAL NWS ASOS	74 46	77 53	73 49	77 54	83 55	90 62	90 63	83 56	59 46	66 43	76 46	73 54	58 48	64 45	73 44	85 57	69 41	59 46	66 47	69 53	57 50	74 53	73 54	63 54	77 54	62 46	65 43	60 44	72 49	83 49	71.7 50.0	2400 EST	
WASH DULLES NWS ASOS	79 39	80 47	76 50	77 53	86 51	93 61	91 65	85 56	68 45	68 41	78 38	73 50	63 46	63 43	78 43	85 56	67 42	57 37	68 40	68 45	75 47	73 45	60 48	80 52	65 53	64 43	61 37	73 35	85 41	72.6 45.9	2400 EST		
STERLING 4 N SHAFFER	72 42	79 46	76 50	75 54	85 49	90 50	90 59	83 56	56 45	66 39	76 41	72 50	53 46	63 43	75 39	84 53	66 34	55 37	67 43	66 42	57 46	70 48	72 47	59 49	70 52	60 51	60 50	57 39	71 38	81 43	70.2 46.0	2400 EDT	
DAVIS 3 SE WV LESHAR	58 29	77 40	81 52	78 37	64 39	70 55	79 59	79 56	71 30	34 27	55 27	65 39	63 41	47 31	57 31	70 40	65 35	45 26	38 26	52 28	59 36	58 36	59 37	63 42	60 44	71 47	49 36	45 25	44 25	59 32	60.5 36.9	0700 EDT	

ACON MD / DE / DC
APRIL 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	TOTAL	OBS TIME	
BEAR 2 SW, DE GALLAHER						0.03		0.23	0.33				0.22			0.26	0.01				0.24			0.01	1.12	0.40	0.06	T			2.91 0.0	2400 EDT	
MIDDLETOWN 6 N LEGATES			0.01			0.03		0.22	0.32				0.22			0.29	0.01				0.23			0.02	0.95	0.79	0.21	0.07	0.02			3.39	2400 EDT
WILMINGTON, DE NWS NEW CASTLE CO APT						0.03		0.24	0.19		0.01	T	0.15	T		0.28	T				0.28			0.03	0.89	0.30	0.03					2.43 0.0	2400 EST
NEWARK AG FARM, DE U OF DE DEOS						0.02		0.34	0.29				0.22			0.22	0.02				0.21				0.92	0.45	0.03					2.72	2400 EDT
TOWNSEND 4 W, DE U of D REC DEOS						0.01		0.17	0.40				0.22	0.01		0.17					0.24	0.01		0.03	1.11	0.38	0.03					2.78	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT									0.73				0.06			T					0.20	T	T	T	0.49	0.05	0.05					1.58 -	2400 EST
GEORGETOWN, DE U of D REC DEOS									0.59				0.04								0.15				0.24	0.30	0.06					1.38	2400 EST
HARBESON 8 S, DE U of D REC DEOS									0.52				0.05								0.21				0.26	0.38	0.06					1.48	2400 EST
FROSTBURG LATTA						T			0.07					0.10			0.58						0.04		0.38	0.48	0.07					1.72 0.0	0700 EDT
LAVALE MULLINS**					0.01			0.11	T				0.09			0.25						T		0.05	0.53	0.25						1.29 0.0	2400 EDT
PASADENA 2N HANSON								0.36	0.17				0.13								0.30				0.66	0.10						1.72 0.0	2400 EDT
LOTHIAN JUG BAY	M								0.73					0.20	0.02		0.01					0.16			M	0.25	0.17					1.54 0.0	0900 EDT
BWI NWS ASOS						T		0.61	0.07				0.08			T	T				0.35		T	0.02	0.99	0.08	T					2.20 0.0	2400 EST
LAUREL 2 E STOUDT						T		0.65	0.06				0.15			T					0.56			0.02	0.74	0.05						2.23 0.0	2400 EST
OWINGS MILLS 2SE SHARROW						T		0.17	0.11				0.07			T					0.23	T		0.04	1.78	0.27	0.11					2.78 0.0	2400 EDT
BALTIMORE 2SE MANFRE								0.50	0.11				0.04			T					0.28			0.07	1.21	0.15	T					2.36 0.0	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER								0.50	0.08				0.06								0.33			0.04	1.44	0.23						2.68 -	2400 EST
MANCHESTER 1SW CLOSE						0.04		0.30	0.06				0.27			0.22	0.01				0.10	0.01	T	T	0.61	0.53	0.08					2.23 0.0	2300 EDT
WESTMINSTER 4 SSE HARTSOCK						0.02			0.40				0.12			0.10	0.16				0.17				0.28	1.50	0.19					2.94 0.0	1900 EDT
MILLERS 4NE MILLER						0.02			0.35				0.30			0.05	0.15				0.08	0.01	T		0.29	0.58	0.14					1.97 0.0	1800 EDT
WESTMINSTER CITY MULLER						0.02		T	0.32				0.16			0.33	0.04				0.18			T	0.25	0.50	0.52					2.32 0.0	1900 EDT
BRYANS ROAD 2 ESE BRUMBACK								0.76	0.24				0.17			T					0.15			0.01	0.14	0.30	0.13		0.22			2.12 0.0	2400 EDT
EMMITSBURG 2 SE GLASS						0.04			0.23				0.22			0.20						0.05			0.28	0.56	0.56					2.14 0.0	0630 EDT

**ACON MD / DE / DC
APRIL 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	TOTAL	OBS TIME	
EAGLE ROCK HARVEY																																0800 EST	
LAUREL JHU / APL GIANNOLA						0.01		0.58	0.12				0.08			0.01					0.41				0.86	0.27					2.34 0.0	2400 EDT	
NORBECK 1 SE BERGER						T		0.25	0.38				0.12			0.02					0.22			0.01	0.16	1.09	0.01				2.26 0.0	2200 EDT	
POTOMAC 4N COHEN					T		0.30	0.10					0.17	T		0.04	0.01				0.21	0.02		0.02	0.11	0.75	0.06				1.79 0.0	2100 EDT	
OLNEY 1 S GIANNOLA	>	>				T		>	0.51				0.11			>	>	>	0.04		0.20			T	>	1.61					2.47 0.0	2400 EDT	
CLARKSBURG 2ENE HOLDEN						0.04		0.41	0.01				0.10			0.01					0.33	T		0.04	1.45	0.57	0.01				2.97 0.0	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW						M		0.20	0.11				0.12				M				0.18	0.01		0.05	0.49	0.67	M			M	1.83 0.0	2400 EDT	
GLENMONT 1NNE ROSSEN						T		0.65	0.03				0.12			0.02					0.23	T	T	0.02	0.82	0.17	0.01				2.07 0.0	2400 EST	
BETHESDA SCAFIDE								0.37	0.22				0.16								0.17	0.01			0.13	0.29	0.04				1.39 -	2400 EDT	
GAITHERSBURG 2WNW SHAW								0.36	0.06				0.11			0.01					0.23	T		0.03	0.80	0.61	0.01				2.22 0.0	2400 EDT	
FOREST GLEN TERRY								0.69	0.13				0.17			0.01	T				0.25	0.01		0.01	0.28	0.14					1.69 0.0	2400 EDT	
OXON HILL SMITH								0.91	0.12				0.15			0.01					0.27			0.02	0.13	0.61	0.03				2.25 0.0	2300 EDT	
HOLLYWOOD ABELL																																	2359 EDT
RIDGE ZYLA								0.07	0.93				0.20				0.02				0.10			0.02	0.44	0.80	0.13				2.71 0.0	2400 EDT	
SMITHSBURG 1.5 SW HUTTO						0.03		0.61	0.02				0.26	0.01		0.29						0.01		0.06	0.99	0.83	0.01				3.12 0.0	2400 EDT	
HAGERSTOWN 1E KEEFER						0.07		0.47					0.22			0.19					0.02	0.01		0.09	0.48	0.78	0.01				2.34 0.0	2400 EDT	
SMITHSBURG 2 NE VAUGHN						0.03		0.57	0.01				0.26	0.01		0.29					0.01			0.03	0.78	0.94	0.01				2.94 0.0	2400 EDT	
SALISBURY NWS WICOMICO CO APT								T	0.51				0.11			T	0.01				0.02	T	T	T	0.36	0.12	0.20				1.33 0.0	2400 EST	
WASH NATIONAL NWS ASOS								0.62	0.07				0.12			T	T				0.22			0.05	0.12	0.30	T				1.50 0.0	2400 EST	
WASH DULLES NWS ASOS								0.34	T				0.16			T					0.16			0.03	0.09	0.51					1.29 0.0	2400 EST	
STERLING 4 N SHAFFER								>	0.42				0.20		T	0.02					0.23	T		0.02	0.47	0.95	T				2.31 0.0	2400 EDT	
DAVIS 3 SE WV LESHAR						0.02		0.39		T				0.02			0.87	T					0.02	0.24	0.28	0.33	0.44				2.61 T	0700 EDT	