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

RAINS RETURN AFTER A DRY START TO THE YEAR FIRST SUMMER-LIKE TEMPERATURES

Temperatures this month rose to above average levels as a result of the first heat of the young warm weather season. The thermometer hit the 90 degree mark at all but 8 stations listed in this report. On the other end of the spectrum freezing temperatures occurred at all but 8 reporting stations. Most of the month's rain fell during the first 22 days. The only month's snow was limited to the 7th and 8th.

The month began cloudy with some occasional drizzle and showers. Rain, heavy at times along with some thunder, was followed by strong winds as the storm moved away on the 3rd. Over an inch of rain fell in parts of Central Maryland. **Joe Manfre** of **Baltimore 2 SE** reported 1.50". Winds gusts of over 50 mph was reported at the following sites: 58 at BWI, 53 at **Smithburg 2 NE**, 52 at Salisbury, and 51 at **Laurel JHU/APL**. **Jim Vaughn** of **Smithsburg 2 NE** reported a minimum barometric pressure of 29.07", **Greg Keefer** of **Hagerstown 1 E** 29.10", **Gary Gallaher** of **Bear 2 SW DE** 29.12", **Ray Muller** of **Westminster City** and **Gary Hull** of **Sharpsburg** each 29.14".

The 7th was colder, mostly cloudy, and windy. Flurries fell on the 7th and early on the 8th at many stations west of the I-95 corridor. Measurable snows fell from Carroll County westwards. **Rebecca Harvey** of **Eagle Rock** reported 6.0" and **Dave Leshner** of **Davis 3 SE WV** 8.6" on the 7th & 8th.

The coldest air of the month occurred on the 12th & 13th. Minimums on the 12th were in the low to mid 30's and on the 13th 20's occurred at many stations. A cold rain fell on the 14th and 15th when temperatures failed to rise much past 50°. The last freezing temperatures east of the mountains occurred at a few stations on the morning of the 17th.

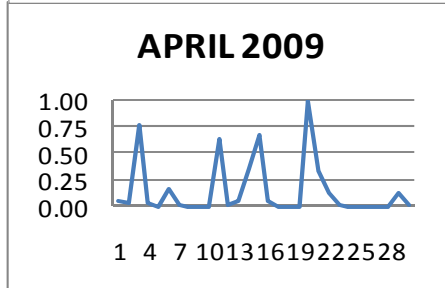
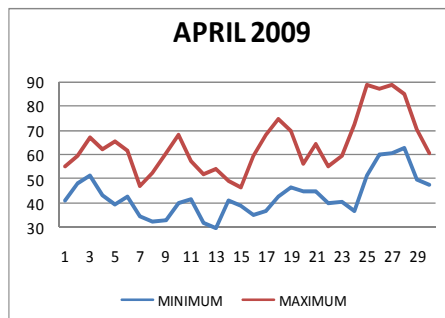
Temperatures rose into the 65° to 75°+ range on the 17th. 80°s were reported by **Marty Brumback** of **Bryans Road 2 ESE** (81°), and **Dan Hanson** of **Pasadena 2 N**, **Joe Terry** of **Forest Glen**,

and **Max Hutto** of **Smithsburg 1.5 SW** (each 80°).

Rains moved back again for the 20th to 22nd. Over an inch and a half fell west of the Chesapeake Bay at many locations. **Rich Giannola** of **Olney 1 S** reported 2.00", **Joe Terry** of **Forest Glen** and **Eric Glass** of **Emmitsburg 2 SE** each 1.93".

The first "summer" heat moved on in the 25th and lasted till the 28th. 90° readings were common. **Nate Mullins** of **LaVale** reported 96°. **Stan Rossen** of **Glenmont** and **Joe Terry** of **Forest Glen** each reported two consecutive days of 95° or higher. See Observer Comments for record temps set by ACON Observers.

Hail was reported by **Brian Smith** of **Oxon Hill** on the 22nd, **John Zyla** of **Ridge** on both the 21st & 22nd. **Kevin Shaw** reported hail in Germantown on the 21st.



ACON MD/DE Network

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

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

LaVale	96
Forest Glen	96
Pasadena 2N, & Lothian	95
Montgomery Village 1SW	95
Glenmont 1 NNE	95

MINIMUM TEMPERATURE

Davis 3 SE WV	19
Eagle Rock	20
Frostburg	25
Smithsburg 1.5 SW	25

WARMEST AVG. TEMP.

Bryans Road 2 ESE	58.0
Ridge	57.8

COLDEST AVG. TEMP.

Davis 3 SE WV	45.1
Frostburg	47.7
Eagle Rock	48.5

MAXIMUM PRECIPITATION

Davis 3 SE WV	6.36
Baltimore 2 SE	6.18
Pasadena 2 N	5.90

MINIMUM PRECIPITATION

Sharpsburg	3.32
Smithsburg 2 NE	3.41
Sterling 4 N	3.44

MAXIMUM SNOWFALL

Davis 3 SE WV	14.1
Eagle Rock	7.0
Frostburg	0.7

NEW ACON OBSERVER

Let's welcome Gary Hull of Sharpsburg, Washington County. His station is located at coordinates 39.27.508, 77.45.317. Gary's Elevation is 425 feet. *Welcome Gary!*

OBSERVER COMMENTS FOR APRIL 2009

Gary Gallaher of Bear 2 SW, DE

16th - Excellent AM radiational cooling following yesterday's rain left a heavy, thick frozen dew on cars and above ground wooden surfaces.

26th - **92°** daily maximum record.

Nate Mullins of LaVale

3rd - Rain, heavy at times, strong PM west winds.

7th - Intermittent snow showers, windy, cold.

27th - **96°**, Record maximum temp for the month of April.

Jeff Stoudt of Laurel 2 E

8th - Snow shower at 0415.

15th - Frequent rain / drizzle, few hours of heavy rain.

Marty Sharrow of Owings Mills

7th - Scattered flurries

14th - Low overcast, raw with light drizzle and rain.

16th - Early frost, then sunshine and much warmer.

27th - Blazing sun, hot.

Joe Manfre of Baltimore 2SE

25th - Hot, low humidity, evening thunderstorm.

Ralph Hartsock of Westminster 4 SSE

2nd - Fog early, cloudy, warmer.

24th - Frosty, then sunny and warmer.

25th - Hot, late thunderstorm south.

Bobby Miller of Millers 4 NE

6th - Light showers, windy, PM max 58, minimum barometer 29.22".

21st - Dense AM fog, evening thunderstorm.

27th - Very warm, minimum relative humidity 23%.

Ray Muller of Westminster City

3rd - Low barometer 29.14" @ 11:05 AM.

Marty Brumback of Bryans Road 2 ESE

4th - 100% sunny and clear. Breezy.

21st - Thundershower @ 6:30 PM, Steam fog on road.

24th - Mostly sunny and pleasant.

30th - Overcast dreary day.

Eric Glass of Emmitsburg 2 SE

26th - Clear, sunny, warm.

Rebecca Harvey of Eagle Rock

16th - Heavy frost.

Rich Giannola of JHU/APL

3rd - Minimum barometer 29.18"

4th - PWG 45MPH from West at 3:39 AM

7th - AC lenticularis at 7 AM.

Rob Cohen of Potomac 4 N

4 days with thunder, 3rd, 6th, 20th & 21st.

Record maximum temperatures on the 24th, 25th (Tied), 26th & 27th.

7th - Flurries noon, 3 PM & 6 PM.

Rich Giannola of Olney 1 S

4th - A sunny but very windy day.

21st - Thundershower late afternoon into early evening.

Richard Holden of Clarksburg 2 ENE

3rd - Minimum barometric pressure 29.22"

3rd, 20th, 21st - Heavy rain.

7th - Light snow

Kevin Shaw of Gaithersburg 2 WNW

12th - Sunny day, frosty AM, increasing afternoon clouds, light rain developed during evening.

14th - Cloudy, cool, fog, occasional light rain / drizzle.

21st - Hail observed in Germantown.

25th—27th - Sunny, hot!

Joe Terry of Forest Glen

3rd - Very low barometric pressure for April 29.17".

20th - Evening thunderstorm with a heavy rain shower.

27th - **96°**, April station record (15 years) maximum temperature.

Brian Smith of Oxon Hill

3rd - Heavy thunderstorm 0900 - 0930.

22nd - Hail 12:23—12:26 PM Maximum size 1/4"

Floyd Abell of Hollywood

7th - Brief afternoon snow rain shower.

21st - Fair, then gusty evening thunderstorm.

30th - Patchy rain before dawn.

John Zyla of Ridge

I had my first **2 90** deg days in April in station history!

20th - Thunderstorm with pea sized hail at 7:17 PM.

21st - Thunderstorm with pea size hail at 3 PM.

Max Hutto of Smithsburg 1.5 SW

2nd - AM haze, mostly cloudy, warmer, PM shower.

14th - AM shower, flurries, much colder, windy.

Greg Kefer of Hagerstown 1 E

Snowfall for season of 2008-09 was 6.6" which was the 3rd least snowfall on record. Record least 3.9" in 1972-73 and 2nd least is 5.6" in 1937-38 season.

3rd - Becoming windy with strong west winds gusting to 48 MPH this afternoon and evening.

7th - Colder with snow flurries throughout the day.

24th - Light morning frost.

25th - Record high of **92°**. Old record **91°** set in 1915.

Jim Vaughn of Smithsburg 2 NE

Snowfall for the 2008-09 season was 12.1" which is the fourth lowest on record. Record minimum seasonal snowfall is 5.8" set 1972-73.

27th - **71°** minimum set a record for the month of April.

Old record max minimum was 66 set on 4/19/2004.

Lance Shaffer of Sterling 4 N VA

7th - Flurry.

Dave Leshner of Davis 3 SE WV

8th - Maximum snow depth 8"

23rd - 3" snow depth at obs time, last of the month.

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 2009 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	64.6	42.7	53.7	92	26	27	13	1	0	3	43	W	3	4.65	1.03	3	10.39	13	1	0.0	0.0	16.1	2400	
NWS Wilmington	New Castle Co. Apt.	64.5	44.5	54.5	91	26	30	13	1	0	2	46	NW	4	4.03	0.85	20	9.12	11	0	T	T	8	16.1	2400
UofDE AG FARM DEOS***	Newark	65.0	43.5	54.3	92	27	31	13	2	0	2	26		3	5.27	1.25	3	9.89	11	1				2400	
U of D REC DEOS***	Townsend 4 W	63.0	42.8	52.9	89	26	26	13	0	0	2	34		4	5.00	0.90	3	9.54	13	0				2400	
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	67.1	45.7	56.4	94	26	29	13	3	0	3	46	SW	3	5.71	1.52	15	10.71	11	2				2400	
U of D REC DEOS***	Georgetown 5 SW	65.9	44.8	55.4	93	26	28	13	2	0	3	29		3	5.08	1.17	15	9.98	10	2				2400	
U of D REC DEOS***	Harbeson 8 S	63.9	43.6	53.8	90	25+	26	13	2	0	4	38		15	5.89	1.53	15	10.62	10	2				2400	
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	59.1	36.2	47.7	88	28	25	7+	0	0	12				4.33	0.71	4	10.69	15	0	0.7	0.6	8	42.7	0700
Mullins, Nate**	LaVale	62.6	42.2	52.4	96	27	31	9	4	0	4				4.36	1.21	20	9.80	13	1	0.1	0.1	7	20.9	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	66.8	44.0	55.4	95	27	32	13	3	0	1	37	W	3	5.90	1.96	15	11.17	12	2	0.0	0.0	8.7	2400	
Jug Bay Wetlands	Lothian	67.2	42.2	54.7	95	27	28	13	2	0	3				4.19	0.86	14	9.13	15	0	0.0	0.0	7.8	0900	
NWS Baltimore	BWI Airport	65.9	43.9	54.9	91	26+	29	13	3	0	2	58	W	3	5.80	1.55	3	10.86	12	3	T	T	7+	8.5	2400
Stoudt, Jeff	Laurel 2 E	67.2	45.9	56.6	94	26	31	13	3	0	1				5.71	1.49	20	11.82	13	3	T	T	8	10.7	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	64.4	42.9	53.7	91	27	29	13	2	0	3				5.34	1.50	20	10.00	11	3	T	T	7+	14.8	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	66.5	48.5	57.5	93	26	38	7+	4	0	0				6.18	1.50	3	11.08	12	3	0.0	0.0	6.5	1800	
Maryland Science Ctr	Baltimore Inner Harbor	66.0	48.4	57.2	93	26+	38	7+	2	0	0				6.20	1.61	20	11.06	11	3				2400	
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	62.9	41.7	52.3	90	26	28	8	1	0	4				4.24	1.05	3	8.62	13	1	0.6	0.6	8	17.5	2300
Hartsock, Ralph	Westminster 4 SSE	64.3	42.7	53.5	87	25	27	13	0	0	4				4.97	1.24	3	10.26	10	2	0.1	0.1	8	15.4	1900
Miller, Bobby	Millers 4 NE	64.4	42.4	53.4	88	26	26	13	0	0	4	47	W	3	4.49	1.19	3	9.44	14	1	0.4	0.4	8	18.6	1800
Muller, Ray	Westminster City	65.1	43.8	54.5	90	26	28	13	0	4	4				3.88	1.17	3	8.07	13	1	0.2	0.2	8	15.5	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	69.4	46.6	58.0	94	25+	33	13	3	0	0	47	WNW	3	4.78	1.04	3	10.26	13	1	0.0	0.0	10.4	2400	
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	64.6	40.0	52.3	92	27	27	13+	3	0	8				4.20	1.68	21	8.64	15	1	0.0	0.0	6.8	0630	
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	59.4	37.5	48.5	88	28	20	8	0	0	15				5.49	0.77	11	14.95	17	0	7.0	4.0	7	118.3	0800

**ACON MD /DE / DC
APRIL 2009 SUMMARY**

OBSERVER	STATION <i>COUNTY, STATE</i>	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>Howard, Maryland</i>																								
Giannola, Rich	Laurel JHU / APL	65.5	45.2	55.4	92	26+	30	13	3	0	1	51	WNW	3	4.84	1.65	20	10.30	12	2	T	T	7	9.5	2400
	<i>Montgomery, Maryland</i>																								
Berger, Ron	Norbeck 1 SE	65.6	44.8	55.2	91	26+	29	13	2	0	1				4.95	1.15	20	11.14	11	2	0.0	0.0		10.0	2200
Cohen, Rob	Potomac 4 N	66.5	44.6	55.6	92	27	31	13	3	0	1				4.61	1.37	20	10.99	12	1	T	T	7	8.8	2100
Giannola, Rich	Olney 1 S	66.7	44.5	55.6	92	27	30	13	3	0	1				4.97	1.91	20-21	11.06	10	2	T	T	7	9.7	2400
Holden, Richard	Clarksburg 2 ENE	64.4	44.5	54.5	89	25+	32	12+	0	0	2	44	WNW	3	4.27	1.37	20	10.48	12	1	T	T	7	15.2	2400
Roth, David	Montgomery Village 1SW	66.6	45.4	56.0	95	27	32	13	4	0	1	21		4	4.22	1.52	20	10.08	12	1					2400
Rossen, Stan	Glenmont 1 NNE	68.1	43.8	56.0	95	26+	30	13	4	0	3	17		4	4.76	1.54	20	10.74	12	1	0.0	0.0		8.5	2400
Scafide, Tony	Bethesda	66.1	43.9	55.0	91	26	33	13	3	0	0	24		4	4.35	1.42	20	9.59	15	1					2400
Shaw, Kevin	Gaithersburg 2 WNW	66.7	44.4	55.6	93	26	31	13	3	0	1				3.73	1.12	20	9.55	10	1	T	T	7	11.7	2400
Terry, Joe	Forest Glen	68.8	44.5	56.7	96	27	31	12+	4	0	2	42	WSW+	3+	5.11	1.70	20	11.54	12	2	T	T	7	10.2	2400
	<i>Prince Georges, Maryland</i>																								
Smith, Brian	Oxon Hill	68.8	46.4	57.6	94	26	34	13	3	0	0				4.84	1.05	20	10.80	13	1	0.0	0.0		12.3	2300
	<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	68.2	46.7	57.5	93	26	35	8+	3	0	0				4.22	0.87	14	10.83	12	0	T	T	7	13.2	2400
Zyla, John	Ridge	66.5	49.1	57.8	91	26+	38	12	2	0	0	37	SW	3	4.37	1.50	14	10.80	11	1	0.0	0.0		12.0	2400
	<i>Washington, Maryland</i>																								
Hull, Gary	Sharpsburg	65.9	43.0	54.5	92	24	28	12	3	0	1	42	W	3	3.32	1.08	20	7.15	13	1					2400
Hutto, Max	Smithsburg 1.5 SW	66.0	41.3	53.7	93	25	25	13	3	0	6	34	WSW	3	4.16	1.13	20	9.00	14	1	T	T	7+	8.2	2400
Keefer, Greg	Hagerstown 1 E	65.0	42.8	53.9	92	25+	29	9+	3	0	3	48	W	3	3.67	1.32	20	8.02	13	1	T	T	7+	5.7	2400
Vaughn, Jim	Smithsburg 2 NE	62.6	44.0	53.3	88	26	29	13	0	0	3	53	W	3	3.41	0.93	20	8.25	11	0	0.1	0.1	8	12.1	2400
	<i>Wicomico, Maryland</i>																								
NWS Salisbury	Wicomico Co. Apt	66.7	42.3	54.5	92	26	26	8+	2	0	7	52	W	26	4.44	1.13	11	7.28	10	2	0.0	0.0		5.5	2400
	<i>Arlington, Virginia</i>																								
NWS Washington Natona	National Airport	66.8	47.2	57.0	92	26	36	8	1	0	0	43	WNW	3	4.22	1.19	20	9.22	13	1	0.0	0.0		7.5	2400
	<i>Loudon, Virginia</i>																								
NWS Washington Dulles	Dulles Airport	67.5	44.2	55.9	92	25+	31	9	3	0	3	43	W	3	4.12	1.63	20	9.52	13	1	0.0	0.0		8.0	2400
Shaffer, Lance	Sterling 4 N	66.1	45.4	55.8	90	25+	33	13	2	0	0				3.44	1.42	20	10.19	10	1	0.0	0.0		10.1	2400
	<i>Tucker, West Virginia</i>																								
Leshner, Dave	Davis 3 SE WV	55.0	35.1	45.1	84	28	19	8	0	1	14				6.36	0.97	16	23.78	17	0	14.1	4.9	8	176.5	0700
SECTION AVERAGE*		65.6	44.0	54.8											4.68		10.11				0.2		27.4		

*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

NOTES:

M OR UNDERLINE= MISSING DATA

>= INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

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 6/11/09

ACON MD / DE / DC
APRIL 2009 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	51 41	63 50	71 54	62 47	66 43	62 48	49 37	54 36	62 28	66 36	55 43	52 35	56 27	48 42	48 40	64 34	69 30	76 36	67 43	52 47	68 47	55 43	60 39	74 34	87 47	92 58	89 55	84 61	70 51	66 50	64.6 42.7	2400 EDT
WILMINGTON , DE NWS NEW CASTLE CO APT	52 40	63 49	72 54	62 47	67 46	60 46	49 36	54 36	63 63	67 42	53 40	53 31	56 30	49 42	48 37	64 36	69 35	77 48	67 49	52 47	68 48	53 45	60 42	72 38	88 51	91 64	89 62	86 64	68 51	64 49	64.5 44.5	2400 EST
NEWARK AG FARM, DE U OF DE DEOS	51 40	64 49	72 54	61 47	68 41	63 47	48 36	54 34	63 31	67 38	53 43	52 35	57 31	48 41	48 38	63 38	69 33	78 44	67 47	51 46	70 46	57 44	60 40	74 36	89 49	91 61	92 59	87 59	69 50	66 49	65.0 43.5	2400 EDT
TOWNSEND 4 W, DE U of D REC DEOS	51 39	60 48	70 53	61 46	63 39	61 47	47 36	52 33	60 32	66 41	52 42	51 33	53 26	48 41	47 39	62 34	66 33	73 39	66 46	54 47	67 46	53 42	59 40	72 33	85 48	89 60	88 64	82 64	69 49	65 47	63.0 42.8	2400 EDT
GEORGETOWN, DE NWS SUSSEX CO APT	61 41	59 52	75 54	66 50	69 45	66 49	52 39	56 32	64 33	78 44	63 45	54 36	56 29	52 43	50 40	57 38	69 32	76 44	63 49	60 50	72 52	53 42	63 41	76 37	93 58	94 69	91 62	87 65	73 50	65 50	67.1 45.7	2400 EST
GEORGETOWN, DE U of D REC DEOS	60 40	60 52	73 54	65 48	68 43	65 49	49 38	55 32	63 33	76 42	64 43	52 33	55 28	52 42	49 39	56 37	68 31	75 40	63 48	59 49	71 52	53 44	61 41	74 37	90 59	93 67	89 64	85 63	71 48	65 48	65.9 44.8	2400 EDT
HARBESON 8 S, DE U of D REC DEOS	57 41	55 49	72 51	64 48	67 44	63 49	49 36	54 29	61 32	72 39	63 42	51 33	55 26	50 41	48 39	53 35	67 29	74 40	59 47	59 48	65 51	51 41	60 39	73 34	90 58	90 66	87 60	83 63	68 48	60 48	63.9 43.6	2400 EDT
FROSTBURG LATTA	61 28	47 33	56 32	58 32	54 32	67 34	50 25	35 25	49 29	59 29	59 41	52 27	49 27	47 27	41 37	43 32	61 33	68 36	73 42	68 39	46 35	53 34	48 35	56 36	81 41	86 56	87 57	88 57	82 51	51 44	59.1 36.2	700 EDT
LAVALE MULLINS**	50 46	61 41	56 54	58 38	69 38	52 36	39 32	52 35	61 31	61 42	52 44	54 32	49 32	49 42	61 34	73 36	78 40	66 47	47 47	49 49	60 60	84 93	93 93	96 96	92 92	62 62	62 62	62 62	62 62	62.6 42.2	2400 EDT	
PASADENA 2 N HANSON	56 42	61 50	74 54	66 46	70 36	64 46	49 35	57 33	66 33	73 44	55 45	56 34	54 32	49 43	48 41	63 34	74 36	80 40	68 48	55 46	70 46	55 42	64 41	71 35	88 52	94 61	95 59	90 66	73 51	66 49	66.8 44.0	2400 EDT
LOTHIAN JUG BAY	58 43	61 48	60 54	75 47	68 37	74 37	67 38	50 33	57 32	67 38	79 45	54 31	57 28	57 43	50 45	50 34	61 33	74 37	84 37	74 37	59 46	73 46	58 44	65 36	78 52	95 53	94 64	89 60	61 33	67.2 42.2	900 EDT	
BALTIMORE NWS BWI APT	57 43	60 52	72 53	64 45	68 42	62 36	48 35	54 33	63 33	74 43	57 34	55 32	57 29	49 43	48 37	63 35	71 40	76 46	70 48	55 48	68 46	57 41	62 42	72 36	90 51	91 63	91 57	87 67	71 51	64 50	65.9 43.9	2400 EST
LAUREL 2 E STOUDT	60 44	61 52	72 57	65 49	69 45	61 44	48 37	55 37	65 35	75 44	62 43	55 35	59 31	49 44	48 40	65 38	72 37	79 46	73 50	56 48	69 48	56 43	63 45	77 38	92 54	94 63	92 64	88 66	71 50	65 49	67.2 45.9	2400 EST
OWINGS MILLS 2SE SHARROW	54 40	62 48	67 51	62 42	66 39	60 48	44 33	53 32	62 33	68 41	59 44	52 32	56 29	46 40	46 38	63 33	69 37	76 47	72 48	53 43	68 44	54 39	74 40	88 35	90 51	91 60	87 59	87 61	69 51	62 49	64.4 42.9	2400 EDT
BALTIMORE 2SE MANFRE	56 44	62 52	73 54	66 47	67 45	63 44	48 38	57 38	65 43	71 49	59 45	54 39	56 39	50 45	49 43	62 45	72 44	79 55	70 49	54 49	67 49	58 48	63 46	72 45	90 57	93 65	92 64	90 67	71 53	65 53	66.5 48.5	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER	55 44	62 52	73 54	65 47	67 45	63 44	48 38	57 38	64 43	70 49	59 45	54 39	53 39	50 44	48 42	62 44	72 44	79 55	70 49	54 49	67 49	58 48	62 46	72 45	86 57	93 65	93 64	89 67	71 53	65 53	66.0 48.4	2400 EST
MANCHESTER 1SW CLOSE	49 37	63 46	66 49	59 39	64 37	59 39	43 31	51 28	60 37	66 44	55 39	51 29	53 29	46 37	46 36	62 33	69 41	75 45	71 46	51 40	64 40	56 37	58 38	73 41	87 52	90 64	89 62	86 65	68 46	60 45	62.9 41.7	2300 EDT
WESTMINSTER 4 SSE HARTSOCK	53 41	67 49	67 53	58 41	63 38	63 49	47 33	55 32	59 33	70 40	63 43	51 30	57 27	45 40	45 38	66 32	72 36	63 44	56 50	66 42	58 44	58 38	73 40	87 34	86 50	86 64	84 59	74 63	68 50	48	64.3 42.7	1900 EDT
MILLERS 4NE MILLER	54 39	63 47	66 52	61 41	63 37	62 48	54 32	51 30	58 34	64 40	62 42	53 31	52 26	45 39	45 38	61 34	68 38	72 46	71 48	60 41	66 42	54 38	57 40	73 35	87 51	88 63	88 62	87 63	82 49	60 47	64.4 42.4	1800 EDT
WESTMINSTER CITY MULLER	55 41	65 49	67 54	60 43	64 39	62 47	47 33	53 31	60 33	66 43	54 33	54 33	50 28	45 40	45 33	62 38	70 43	73 52	59 43	67 40	52 40	59 42	74 38	89 52	90 65	90 64	89 65	81 51	62 49	65.1 43.8	1900 EDT	
BRYANS ROAD 2 ESE BRUMBACK	62 45	59 53	74 57	70 47	74 48	67 47	49 39	58 37	67 36	78 44	63 46	58 38	57 33	50 44	50 41	66 38	75 37	81 43	77 50	63 49	71 49	58 44	66 44	80 40	94 57	94 63	94 66	89 65	74 49	63 49	69.4 46.6	2400 EDT
EMMITSBURG 2 SE GLASS	60 29	50 42	64 49	69 42	62 41	66 43	58 35	46 32	55 32	62 34	66 42	59 31	55 27	53 27	49 43	46 30	64 31	71 38	77 46	63 43	71 44	58 39	66 38	80 33	94 33	94 55	90 59	92 60	87 52	58 50	64.6 40.0	630 EDT

**ACON MD / DE / DC
APRIL 2009 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	64	59	52	52	52	70	50	33	44	58	62	50	51	52	41	44	62	69	70	69	50	52	42	64	80	84	86	88	82	50	59.4	800
HARVEY	30	32	42	30	32	48	22	20	28	36	40	22	24	26	36	30	32	38	50	38	32	32	30	38	60	62	62	60	50	42	37.5	EDT
LAUREL JHU / APL	56	59	69	62	68	63	45	55	62	73	62	53	54	48	46	63	70	76	73	54	68	55	60	76	90	92	92	88	70	62	65.5	2400
GIANNOLA	42	51	53	44	45	42	35	36	34	44	44	35	30	42	39	38	39	51	48	45	46	41	44	39	52	63	67	67	51	50	45.2	EDT
NORBECK 1 SE	56	59	66	63	68	61	47	54	63	71	66	54	55	49	48	63	71	76	73	56	66	54	61	75	88	91	91	87	75	62	65.6	2200
BERGER	43	52	55	45	40	48	36	35	33	44	47	32	29	43	40	37	37	46	49	47	47	40	44	36	51	62	60	68	50	48	44.8	EDT
POTOMAC 4N	55	60	68	63	69	63	47	56	62	71	66	54	57	54	48	64	71	76	75	56	68	57	62	76	90	90	92	88	75	61	66.5	2100
COHEN	44	52	55	45	39	47	36	36	33	43	47	34	34	46	41	36	36	39	48	47	48	40	43	37	52	58	59	66	52	48	44.6	EDT
OLNEY 1 S	55	60	67	63	68	61	46	55	63	>	>	>	72	48	47	64	71	78	76	55	67	56	61	76	90	91	92	87	70	62	66.7	2400
GIANNOLA	42	51	54	43	39	43	35	34	34	>	>	>	30	43	39	35	37	42	50	46	47	40	42	37	51	60	62	66	51	48	44.5	EDT
CLARKSBURG 2ENE	53	62	68	63	67	61	45	55	61	68	56	54	54	48	46	62	70	75	74	54	68	56	60	76	89	89	89	84	66	60	64.4	2400
HOLDEN	41	49	52	43	42	38	34	33	40	45	41	32	32	42	39	36	39	49	47	44	45	41	42	44	55	66	65	63	49	46	44.5	EST
MONTGOMERY VILLAGE	56	61	68	63	69	62	46	57	63	71	61	55	56	50	49	64	70	77	75	57	69	57	62	77	91	93	95	90	73	63	66.6	2400
ROTH 1SW	44	52	55	46	41	43	37	36	34	45	46	35	32	44	41	36	38	42	50	47	47	41	44	39	53	60	63	69	52	50	45.4	EDT
GLENMONT 1NNE	58	60	71	68	71	67	51	58	66	74	57	55	58	50	48	66	74	80	75	57	71	58	64	80	92	95	95	91	70	63	68.1	2400
ROSSEN	44	52	54	45	38	42	37	36	32	41	44	32	30	44	41	36	36	39	47	48	47	41	41	37	51	58	58	63	50	49	43.8	EST
BETHESDA	58	59	70	64	70	64	46	56	64	73	57	56	55	49	48	65	73	79	76	57	67	57	63	77	90	91	90	87	62	61	66.1	2400
SCAFIDE	44	52	46	41	40	37	36	36	37	46	35	34	33	44	38	38	39	44	47	48	43	43	40	40	54	62	64	62	48	48	43.9	EDT
GAITHERSBURG 2WNW	56	60	67	64	71	62	44	57	64	71	57	57	57	50	48	67	73	78	74	57	69	58	64	78	92	93	92	88	71	62	66.7	2400
SHAW	44	51	55	46	39	42	36	35	34	43	45	34	31	45	41	35	37	41	48	48	45	40	43	37	51	58	60	66	52	50	44.4	EDT
FOREST GLEN	59	61	72	67	72	67	48	57	67	76	61	59	58	50	49	68	75	80	77	57	71	60	65	79	93	95	96	91	71	64	68.8	2400
TERRY	44	52	54	45	40	44	36	36	34	45	44	31	31	44	41	37	37	39	50	47	46	41	43	39	53	60	61	63	50	49	44.5	EDT
OXON HILL	62	60	74	67	73	65	50	55	66	76	64	58	57	50	50	66	74	80	76	61	72	62	65	79	93	94	92	87	73	64	68.8	2300
SMITH	45	53	54	47	43	43	38	37	39	45	51	37	34	44	42	40	37	42	50	49	48	44	47	39	55	63	63	65	49	48	46.4	EDT
HOLLYWOOD	62	61	75	70	70	67	48	56	66	79	64	56	54	51	50	60	73	78	75	61	72	57	65	75	92	93	92	86	72	65	68.2	2359
ABELL	45	53	56	47	44	48	37	35	37	42	43	35	36	45	40	40	36	43	50	50	51	46	46	40	59	68	65	65	51	48	46.7	EDT
RIDGE	59	63	74	70	64	66	50	58	65	79	57	57	52	54	50	60	64	77	66	60	70	57	67	70	86	91	91	88	66	65	66.5	2400
ZYLA	49	53	54	53	48	43	40	39	41	47	43	38	40	48	40	41	40	49	51	54	51	42	49	50	65	70	66	65	53	52	49.1	EDT
SHARPSBURG	55	62	68	63	69	60	44	55	63	67	59	56	53	50	48	67	75	79	77	54	64	56	61	79	92	92	92	88	68	60	65.9	2400
HULL	44	47	54	45	35	40	36	34	33	42	46	34	28	45	40	34	34	37	46	46	41	35	41	34	50	58	64	64	52	50	43.0	EDT
SMITHSBURG 1.5 SW	51	71	67	61	70	60	43	54	64	67	60	54	56	49	46	68	76	80	78	53	66	54	61	80	93	92	92	87	67	60	66.0	2400
HUTTO	44	48	52	42	39	39	34	32	27	39	44	34	25	43	39	32	32	34	44	44	40	33	40	31	48	54	60	67	50	50	41.3	EDT
HAGERSTOWN 1E	52	66	67	61	66	61	44	55	63	65	60	55	53	49	46	64	72	78	74	53	64	54	60	77	92	92	91	88	69	60	65.0	2400
KEEFER	43	48	52	42	39	40	35	32	29	42	45	34	29	43	40	36	35	38	46	44	42	35	40	35	51	56	66	66	52	50	42.8	EDT
SMITHSBURG 2 NE	52	63	65	58	65	59	41	52	60	64	57	51	52	48	46	62	70	75	71	53	62	51	57	75	87	88	87	83	67	58	62.6	2400
VAUGHN	43	48	51	41	42	38	34	31	34	45	43	34	29	43	39	31	40	44	50	43	43	39	40	40	56	62	71	67	51	49	44.0	EDT
SALISBURY	60	66	74	68	68	65	49	55	63	76	62	53	56	57	49	56	69	74	67	60	72	54	62	74	90	92	89	85	69	66	66.7	2400
NWS WICOMICO CO APT	42	53	56	49	33	49	37	26	31	36	40	31	26	43	39	31	28	38	41	49	49	39	35	32	55	62	60	62	48	49	42.3	EDT
WASH NATIONAL	61	59	73	66	69	63	49	56	63	75	60	56	54	50	50	65	72	78	75	60	68	59	63	75	87	92	88	84	72	62	66.8	2400
NWS ASOS	45	53	56	47	44	43	38	36	41	47	46	38	39	45	42	40	42	47	50	49	49	46	46	43	55	60	63	64	51	50	47.2	EST
WASH DULLES	57	59	71	64	72	64	46	57	64	74	61	57	56	51	49	66	74	79	76	60	69	60	64	80	92	92	92	87	70	61	67.5	2400
NWS ASOS	45	50	54	45	44	41	37	32	31	41	46	34	32	46	43	38	36	44	46	49	43	39	40	36	51	57	63	62	50	50	44.2	EST
STERLING 4 N	54	60	70	64	71	62	46	58	64	70	60	58	55	51	49	65	73	79	73	58	60	58	63	79	90	89	90	85	70	60	66.1	2400
SHAFFER	45	50	56	46	42	47	38	35	35	43	47	37	33	46	42	36	37	42	49	49	46	43	44	39	52	58	59	65	51	51	45.4	EDT
DAVIS 3 SE WV	63	51	50	48	47	69	45	23	35	48	60	43	45	51	49	40	56	61	66	59	59	48	35	52	76	80	81	84	75	52	55.0	700
LESHER	35	33	38	28	28	34	21	19	23	30	39	22	23	32	38	29	30	33	37	39	34	30	30	31	49	56	57	59	51	45	35.1	EDT

ACON MD / DE / DC
APRIL 2009 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	0.10	0.01	1.03			0.31	T	T			0.55		0.15	0.69	0.66					0.80	0.21	0.09	0.01						0.04		4.65 0.0	2400 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT	0.21	T	0.71			0.30		T		T	0.50		0.15	0.52	0.51					0.85	0.20	0.01	T		T				0.07		4.03 T	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	0.13		1.25			0.27					0.70		0.17	0.59	0.92					0.87	0.28	0.01								0.08		5.27	2400 EDT
TOWNSEND 4 W, DE U of D REC DEOS	0.16	0.01	0.90			0.37					0.59		0.16	0.81	0.87					0.67	0.19	0.09								0.17	0.01	5.00	2400 EDT
GEORGETOWN, DE NWS SUSSEX CO APT	T	0.14	0.27			0.54		T			1.03		0.09	0.93	1.52					0.36	0.19	0.63							T	0.01	5.71 -	2400 EST	
GEORGETOWN, DE U of D REC DEOS		0.07	0.30			0.52					0.81		0.07	1.02	1.17					0.46	0.19	0.47										5.08	2400 EDT
HARBESON 8 S, DE U of D REC DEOS		0.03	0.49			0.58					0.70		0.05	1.05	1.53					0.77	0.14	0.55										5.89	2400 EDT
FROSTBURG LATTA			0.48	0.71		0.01	0.01 0.1	0.03 0.6			0.43	0.13		0.10	0.31	0.21				0.57	0.66	0.18	0.28			T				0.22		4.33 0.7	0700 EDT
LAVALE MULLINS**	0.14		0.57			0.06	T 0.1	T T			0.80		0.07	0.16	0.45				T	1.21	0.29	0.18			0.03					0.37	0.03	4.36 0.1	2400 EDT
PASADENA 2N HANSON	0.06		1.08			0.16					0.52		0.11	0.47	1.96	0.02				0.90	0.40	0.10								0.12		5.90 0.0	2400 EDT
LOTHIAN JUG BAY			0.62	0.17	0.01		0.25			T	0.14	0.18		0.86	0.12	0.49				0.60	0.33	0.12	0.10	T		0.15			0.05		4.19 0.0	0900 EDT	
BWI NWS ASOS	0.01	0.03	1.55			0.19	T T	T T			0.87		0.11	0.21	1.14					1.44	0.10	0.06			T					0.09		5.80 T	2400 EST
LAUREL 2 E STOUDT	0.08	0.06	1.18			0.15		T T			0.81		0.05	0.26	1.29				T	1.49	0.10	0.03			0.02					0.19		5.71 T	2400 EST
OWINGS MILLS 2SE SHARROW	0.02	T	1.10			0.11	T T	T T		T	0.87		0.04	0.24	1.18				T	1.50	0.16	0.08			T					0.04		5.34 T	2400 EDT
BALTIMORE 2SE MANFRE	0.02	0.02	1.50			0.27					0.78		0.11	0.21	1.43					1.45	0.22	0.05			T					0.12		6.18 0.0	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER	0.05		1.50			0.43					0.88		0.11	0.20	1.14					1.61	0.15	0.02								0.11		6.20 -	2400 EST
MANCHESTER 1SW CLOSE	0.03	0.01	1.05			T	T T	0.03 0.6		T	0.62		0.06	0.19	0.70	0.42				T	0.80	0.28	0.01							0.04		4.24 0.6	2300 EDT
WESTMINSTER 4 SSE HARTSOCK	0.05		1.24			0.03		T 0.1			0.75			0.29	0.71					1.15	0.61	0.10			T					0.04		4.97 0.1	1900 EDT
MILLERS 4NE MILLER	0.06	0.02	1.19			0.03	T T	0.02 0.4			0.63			0.34	0.70	0.01				0.98	0.19	0.24	0.01	T						0.07		4.49 0.4	1800 EDT
WESTMINSTER CITY MULLER	0.05		1.17			0.04	T T	0.02 0.2		T	0.79		T	0.25	0.60	0.02				0.58	0.25	0.08								0.02	0.01	3.88 0.2	1900 EST
BRYANS ROAD 2 ESE BRUMBACK	0.03	0.05	1.04			0.18					0.55		0.08	0.91	0.40					0.91	0.34	0.10								0.18	0.01	4.78 0.0	2400 EDT
EMMITSBURG 2 SE GLASS	0.03	0.14	0.27	0.42			0.03	T			0.25	0.37		0.15	0.10	0.47				0.11	1.68	0.14	T							0.02	0.02	4.20 0.0	0630 EDT

ACON MD / DE / DC
APRIL 2009 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	0.02	0.13	0.56	0.25		0.03	0.37 4.0	0.10 2.0			0.77				0.40	0.30				0.50	0.60	0.27	0.37 1.0	0.05	T			0.27	0.50	5.49 7.0	0800 EDT	
LAUREL JHU / APL GIANNOLA	0.08	0.01	1.04			0.07	T T				0.68		0.03	0.06	0.84					1.65	0.13	0.13							0.12		4.84 T	2400 EDT
NORBECK 1 SE BERGER	0.08	T	1.08			0.14					0.87		0.02	0.05	0.60					1.15	0.43	0.20			T				0.33		4.95 0.0	2200 EDT
POTOMAC 4N COHEN	0.03	0.02	0.76			0.15	T T				0.80				0.05	0.53	0.05		T	1.37	0.40	0.12							0.33		4.61 T	2100 EDT
OLNEY 1 S GIANNOLA	0.05	T	1.09			0.16	T T			>	0.77		>	0.08	0.57				T	>	1.91	0.09				0.01			0.24		4.97 T	2400 EDT
CLARKSBURG 2ENE HOLDEN	0.01	0.08	0.87			0.02	T T				0.83		0.01	0.06	0.46				T	1.37	0.33	0.01							0.22	T	4.27 T	2400 EST
MONTGOMERY VILLAGE ROTH 1SW	0.03		0.74			0.13					0.69			0.09	0.48					1.52	0.21	0.01			0.01				0.28	0.03	4.22	2400 EDT
GLENMONT 1NNE ROSSEN	0.09	0.11	0.98			0.08	T				0.83		0.05	0.05	0.63				T	1.54	0.05	0.04			T				0.31	T	4.76 0.0	2400 EST
BETHESDA SCAFIDE	0.06	0.37	0.40			0.08				0.09	0.47		0.06	0.02	0.53				0.03	1.42	0.30	0.21							0.30	0.01	4.35 -	2400 EDT
GAITHERSBURG 2WNW SHAW	T	T	0.76			0.08	T T				0.72		0.02	0.03	0.45				T	1.12	0.26	0.01							0.28	T	3.73 T	2400 EDT
FOREST GLEN TERRY	0.13	0.01	1.07			0.08	T T				0.67		0.02	0.15	0.77					1.70	0.03	0.20			T				0.28		5.11 T	2400 EDT
OXON HILL SMITH	0.12	0.01	0.94			0.22					0.50		0.02	0.71	0.61					1.05	0.33	0.12			0.05				0.16		4.84 0.0	2300 EDT
HOLLYWOOD ABELL	0.05	0.33	0.48			0.25	T T				0.41		0.15	0.87	0.55				T	0.68	0.32	0.10							0.03		4.22 T	2359 EDT
RIDGE ZYLA	T	0.01	0.28			0.28					0.24		0.11	1.50	0.40	0.05			T	0.78	0.18	0.54							T		4.37 0.0	2400 EDT
SHARPSBURG HULL	0.06	0.01	0.72			0.02					0.57		0.04	0.01	0.40	0.01				1.08	0.23	0.08							0.09		3.32 0.0	
SMITHSBURG 1.5 SW HUTTO	0.14	0.01	0.75			0.04	T T T	T T			0.66		0.05	0.03 T	0.60	0.01				1.13	0.64	0.02							0.07	0.01	4.16 T	2400 EDT
HAGERSTOWN 1E KEEFER	0.13	0.01	0.77			0.05	T T T	T T			0.48		0.04	0.02	0.38					1.32	0.35	0.06			T				0.05	0.01	3.67 T	2400 EDT
SMITHSBURG 2 NE VAUGHN	0.12		0.76			0.03	T T	T 0.1			0.57		0.03	0.06	0.40					0.93	0.44	0.02							0.05		3.41 0.1	2400 EDT
SALISBURY NWS WICOMICO CO APT	T	0.03	0.16			1.07	T				1.13		0.07	0.72	0.27	T				0.49	0.08	0.42							T		4.44 0.0	2400 EDT
WASH NATIONAL NWS ASOS	0.18	0.14	0.63			0.15					0.40		0.02	0.44	0.56				T	1.19	0.36	0.04			0.01				0.10	T	4.22 0.0	2400 EST
WASH DULLES NWS ASOS	0.03	0.08	0.63			0.06					0.74		T	0.02	0.57				0.01	1.63	0.02	T			0.01				0.31	0.01	4.12 0.0	2400 EST
STERLING 4 N SHAFFER	0.02					0.02	T T				0.83		0.01	0.06	0.59	T				1.42	0.10				T				0.38	0.01	3.44 0.0	2400 EDT
DAVIS 3 SE WV LESHAR		0.14	0.12	0.60 T		0.20	0.65 3.7	0.52 4.9			0.50	0.17		0.02	0.24	0.97 T				0.53	0.36	0.19 0.8	0.78 4.7		T				0.19	0.18	6.36 14.1	0700 EDT