



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

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

## ROLLERCOASTER TEMPERATURES TWO PERIODS OF HEAVY RAIN

As with the other 2007-08 winter months this month was warm. Precipitation was above normal while snowfall was below normal.

Over an inch of rain fell east of the mountains on the first. Two inches fell at all ACON sites in Carroll County and at some stations around metropolitan Washington DC.

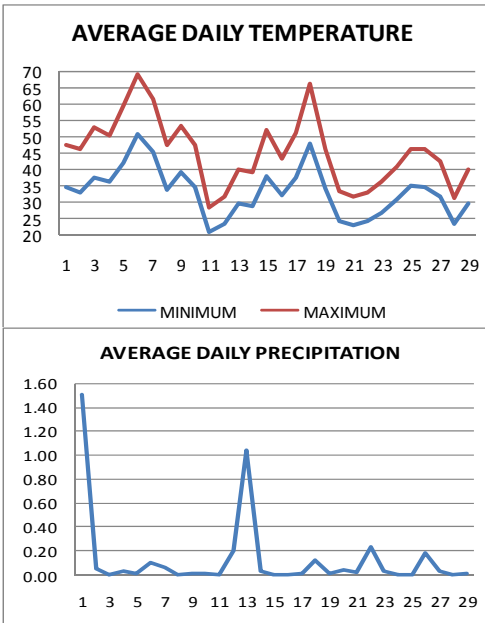
The above normal temperatures intensified until 70° readings were observed on the 6th east of Carroll County and 60° readings from Carroll County westward.

The mild weather came to an abrupt end on the 10th. Strong W to NW winds gusting to 58 MPH ushered in much colder temperatures. Temperatures fell from the mid to upper 40's down to the teens by days end. Temperatures failed to rise above freezing on the 11th.

A sharp temperature contrast existed on the 12th as a storm moved into the region. Temperatures remained below freezing at almost all locations except near the Ocean where they rose from the teens to the mid 50's. Precipitation began as sleet and freezing rain on the 12th and changed to rain on the 13th. Ice accumulated to upwards of ¼". 1" plus liquid amounts were common across the region.

Short lived unseasonal warmth in the 60's and 70's briefly returned on the 18th. Below normal temperatures returned on the 19th and remained till the 24th. Almost all of the months snow fell on the 20th and 22nd. One to two inch amounts were common on each day.

For detailed comments from observers see Observer Comments on page 2.



ACON MD/DE Network

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



February 20 Snowfall

Photo by Marty Brumback of Bryans Road 2 ESE

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

Hollywood	76
Jug Bay Wetlands	75
Ridge	75

##### MINIMUM TEMPERATURE

Eagle Rock	-8
Davis 3 SE WV	-3
Frostburg	-1

##### WARMEST AVG. TEMP.

Hollywood	41.7
Ridge	41.6

##### COLDEST AVG. TEMP.

Davis 3 SE WV	26.7
Frostburg	27.3
Eagle Rock	28.8

##### MAXIMUM PRECIPITATION

Davis 3 SE WV	6.23
Millers 4 NE	5.60
Manchester 1 SW	4.97

##### MINIMUM PRECIPITATION

Emmitsburg 2 SE	2.24
Pasadena 2 N	2.61

##### MAXIMUM SNOWFALL

Davis 3 SE WV	44.0
Eagle Rock	37.6
Frostburg	15.9

##### MINIMUM SNOWFALL

Potomac 4 N	0.1
Jug Bay Wetlands	0.2
Laurel 2 E	0.2

### Observer Comments Cont. from Page 2

#### Jim Vaughn of Smithsburg 2 NE

Six days with PWG of 50 mph or higher.  
6th - Winds gust of 50 MPH. Min temperature of 53 tied the months high min temp set 2/24/1985.

#### Lance Shaffer of Sterling 4 N VA

3rd - Frosty, cloudy morning. Warm afternoon.  
20th - Snow burst 4:15 PM.

#### Dave Leshar of Davis 3 SE WV

6th & 18th - Only days without any snow on the ground  
28th - Maximum months snow cover of 11 inches

# OBSERVER COMMENTS FOR FEBRUARY 2008

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

11 days with peak wind gusts greater than 30 mph.

**1st** - Heavy, daytime rain.

**22nd** - "Sugar" like texture snow before changing to FZRA.

## **Greg Latta of Frostburg**

**10th** - Thunder at 4:20 AM

**13th** - Hoar frost on trees.

## **Nate Mullins of LaVale**

**1st** - Some heavy rain and sleet. Light ice/sleet accumulation.

**6th** - Mid-evening thundershower.

**26th** - Periods of rain mixed with freezing rain.

**29th** - Light to moderate steady PM snow. First Leap Day with measureable precipitation since records began in 1992.

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

**1st** - -RA & +RA from before dawn till ~ 1600.

**12th** - -FZRA late afternoon, began as -PL.

**20th** - -SN during afternoon; 2" - 4" a few miles east.

## **Marty Sharrow of Owings Mills**

**1st** - AM freezing rain, then heavy rain and milder.

**11th** - Azure blue skies, windy and frigid!

**23rd** - Overcast, haze, fog, raw.

## **Joe Manfre of Baltimore 2SE**

**10th** - Partly cloudy, very windy, mild, few light showers.

**22nd** - Light snow, then sleet, freezing rain and rain.

**28th** - Variable clouds, windy, cold.

## **Greg Klein of Westminster 5 SSE**

**12th** - Snow early morning into early afternoon, some sleet and freezing rain afternoon and evening.

**22nd** - Snow early morning hours, then some freezing rain during the day.

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

**1st** - Heavy rain, began as freezing rain ended ~ 5PM. Some flooding.

**7th** - Thunderstorms, windy, clearing, and colder.

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

**6th** - Thunderstorm passed south at 10:30 PM.

**10th** - PM flurries strong winds, tree down nearby. Power out 9:15 PM to 8:30 AM on the 11th.

**13th** - 1/4" glaze AM, extended period rain PM.

## **Marty Brumback of Bryans Road**

**20th** - Snow 3PM to 6PM.

## **Eric Glass of Emmitsburg**

**1st** - Rain and ice.

**28th** - Clear, sunny, very cold.

## **Rebecca Harvey of Eagle Rock**

**10th** - Thunder

**22nd** - Max snow depth for the month of 10".

## **Rich Giannola of JHU/APL**

**5th** - Morning fog lifting by 10 AM.

**12th** - -SN 1045 to 1115. FR mid afternoon into evening.

**13th** - Morning freezing rain changing to rain by 8 AM.

**22nd** - Snow, freezing rain and rain today.

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

**10th** - Strong winds, colder during the day.

**12th** - AM flurry, light freezing rain, & afternoon sleet.

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

**9th** - First crocus bloomed.

**12th-13th** - SHSN before 6:30AM on 12th = T. -SHSN in late morning = T. FZDL at 2:30PM. PL and FZRA at 3:30PM, ending by 4:30PM. FZRA in evening, continuing into morning on 13th and changing to RA before 8:00AM. (Lost power on **13th** for 5.5 hrs from 4:30 -10:00AM.)

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

**29th** - All I got were a few evening sprinkles, so Feb. 29 remains for another four years as the only date here without measurable prec. The old record goes back to 1984 when a few flurries fell here briefly. Another record still holds for Feb. 29 here and that is never having a min. temp. above 32°.

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

**1st** - The 1.81" amount was a daily record, and the 2nd wettest day ever for the month.

**6th** - Record maximum temp of 68°. Mostly cloudy, unseasonably mild, occasional sprinkle, light rain shower late PM.

## **Joe Terry of Forest Glen**

**10th** - Surprise rain/snow shower mix around dawn with gusty winds. Fiery red sky to the east and a faint rainbow west a few minutes before sunrise. Very windy and mild temperature through early afternoon, then sharply colder  
**12th** - IP mid afternoon, then periods of freezing rain late (1/10th inch accumulation of ice). Moderate to heavy freezing rain into early on the **13th** with another light accumulation of ice, gradually changing to rain before dawn.

## **Brian Smith of Oxon Hill**

**20th** - -SN, Occasional Snow 1200-2000

**22nd** - -SN/-PL began 0100 -> -FZRA ~0300; -RA by 0800, intermittent through 1500.

## **Floyd Abell of Hollywood**

**14th** - Snow before dawn, then fair.

**18th** - Showers before dawn, variable clouds, windy.

**22nd** - AM freezing to about 10 AM. Afternoon and evening drizzle and fog.

## **John Zyla of Ridge**

**11th** - Temperature dropped to a seasonal low of 17°.

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

**10th** - Extremely windy mostly PM, minor damage to residence. Showers, falling temperatures.

**29th** - Cold AM, PM warmer and cloudy, very windy, evening rain showers.

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

**6th** - Record high of 65 set in 1965 tied. Quick moving evening thunderstorm between 9:30 and 10 PM dropped 0.39" in 6 minutes along with winds gusting to 44 MPH.

**11th** - Sunny but very cold and windy. Winds gusting to 36 mph. Wind chills to -6 this morning.

**23rd** - A little freezing drizzle and fog overnight.

Continued on Page 1

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  
FEBRUARY 2008 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	45.9	25.8	35.9	71	18	12	11	0	3	25	46	WSW	10	4.31	1.68	13	5.92	10	2	2.3	1.2	22	9.2	2400
NWS Wilmington	New Castle Co. Apt.	46.3	27.4	36.9	72	18	12	11	0	1	22	52	WSW	10	4.32	1.57	13	5.89	11	2	2.3	1.2	22	9.2	2400
U of DE DEOS	UofD AG Farm Newark, DE	45.1	26.2	35.7	73	18	11	11	0	4	24	29		10	4.00	1.95	13	5.84	10	1				2400	
U of D Townsend Farm	Townsend 4 W	45.8	25.4	35.6	72	6	11	21	0	6	26				3.40	1.38	1	5.20	11	2				2400	
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	50.8	29.3	40.1	73	6	15	11	0	2	21	39	SW	7	3.35	1.17	13	5.33	15	2				2400	
U of D Research & Ed Ctr	Georgetown	50.7	29.1	39.9	72	6	15	11	0	2	21				2.81	1.11	13	4.73	14	1	0.7	0.5	21	4.7	2400
U of D Warrington Farm	Harbeson 8 S	49.9	27.8	38.9	73	6	13	11	0	3	22				3.58	1.25	13	5.09	15	2	1.0	0.5	14+	1.0	2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	35.8	18.8	27.3	59	6	-1	21	0	11	27				3.56	0.46	7	5.85	18	0	15.9	2.8	21+	36.8	0700
Mullins, Nate**	LaVale	36.9	24.0	30.5	62	6	5	11+	0	10	24				2.87	0.53	1	5.15	15	0	12.5	4.0	12	21.8	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	47.2	27.3	37.3	74	6	14	11	0	4	23	43	SW	10	2.61	1.71	1	4.25	15	1	0.7	0.7	20	7.5	2400
Jug Bay Wetlands	Lothian	49.5	25.8	37.7	75	7	11	21	0	0	19				4.87	1.88	1	6.20	11	1	0.2	0.2	21	2.2	0900
NWS Baltimore	BWI Airport	47.1	27.0	37.1	72	6	13	11	0	3	22	54	W	10	3.80	1.80	1	5.27	8	2	1.3	0.7	20	8.5	2400
Stoudt, Jeff	Laurel 2 E	47.0	28.6	37.8	70	6	14	11	0	2	22				3.88	1.89	1	5.19	9	2	0.2	0.1	20+	7.2	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	42.8	25.3	34.1	65	6	9	11	0	6	24				3.82	1.97	1	5.08	8	2	2.7	1.4	20	11.1	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	47.8	31.3	39.6	74	6	15	11	0	2	15				4.03	1.81	1	5.59	13	2	1.3	0.8	20	7.6	1800
Maryland Science Ctr	Baltimore Inner Harbor	47.0	31.6	39.3	73	6	15	11	0	2	15				4.18	1.93	1	5.62	13	2					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	42.4	25.1	33.8	66	6	7	11	0	7	23				4.97	2.18	1	6.28	10	2	5.1	2.5	20	18.4	2300
Hartsock, Ralph	Westminster 4 SSE	42.9	25.0	34.0	67	6+	7	11+	0	6	24	58		10	4.77	2.20	1	6.40	11	2	3.4	2.0	20	13.1	2100
Klein, Greg	Westminster 5 SSE	41.0	24.9	33.0	63	6	8	11	0	6	24				4.54	2.05	1	6.02	10	2	5.0	3.0	20	17.5	2200
Miller, Bobby	Millers 4 NE	41.3	24.9	33.1	66	6	7	11	0	7	24	53	W	10	5.60	2.28	1	7.08	14	2	5.7	1.9	20	18.0	1800
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	<u>50.8</u>	<u>31.0</u>	<u>40.9</u>	73	6	16	11	0	2	15	41		10	<u>3.80</u>	1.91	1	<u>5.35</u>	8	1	2.4	2.2	20	5.9	2400
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	42.1	24.3	33.2	65	7	8	21+	0	25	25				2.24	1.20	2	<u>2.92</u>	11	1	4.5	2.0	21+	11.0	0630
Lawrence, Bryon	Frederick 3 WNW	42.9	25.5	34.2	64	6	10	21	0	6	24				3.21	1.93	13	4.79	12	3	2.6	1.3	20	11.5	2300
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	38.4	19.2	28.8	60	6+	-8	21	0	10	25				4.94	1.00	7	10.28	21	1	37.6	5.5	21	100.3	0800

**ACON MD / DE / DC  
FEBRUARY 2008 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
	<u>Howard, Maryland</u>																								
Giannola, Rich	Laurel JHU / APL <u>Montgomery, Maryland</u>	45.2	27.5	36.4	70	6	11	11	0	5	22	52	WNW	10	4.25	2.07	1	5.68	9	2	0.7	0.4	20	9.7	2400
Cohen, Rob	Potomac 4 N	45.4	28.8	37.1	70	6	13	11	0	3	21				3.52	1.70	1	5.18	10	2	0.1	0.1	22	8.7	2100
Giannola, Rich	Olney 1 S	44.9	27.1	36.0	69	6	11	11	0	5	23				3.90	1.90	1	5.39	8	2	0.7	0.4	20	10.2	2400
Holden, Richard	Clarksburg 2 ENE	44.3	27.1	35.7	67	6	10	11	0	6	22				3.89	2.00	1		9	1	1.3	0.8	20	11.3	2400
Roth, David	Montgomery Village 1SW	45.2	28.3	36.8	69	6	13	11	0	5	21				3.68	1.83	1	5.12	11	2					2400
Rossen, Stan	Glenmont 1 NNE	47.9	27.1	37.5	72	18	13	11	0	2	23	24		10	3.97	1.82	1	5.48	11	2	0.6	0.4	22	10.3	2400
Scafide, Tony	Bethesda	45.9	29.2	37.6	71	6	13	11	0	3	21	31		10	3.28	1.60	1	4.49	9	2					2400
Shaw, Kevin	Gaithersburg 2 WNW	45.5	27.8	36.7	68	6+	12	11	0	3	22				3.50	1.81	1	4.83	10	1	1.0	0.4	20	9.7	2400
Terry, Joe	Forest Glen	48.6	29.2	38.9	71	6+	13	11	0	2	20	47	WNW	10	4.07	1.88	1	5.45	8	2	0.6	0.2	22	8.6	2400
	<u>Prince Georges, Maryland</u>																								
Smith, Brian	Oxon Hill	49.6	31.1	40.4	73	18	16	11	0	2	18				4.61	2.13	1	6.38	9	2	1.4	1.4	20	6.0	2300
	<u>St. Marys, Maryland</u>																								
Abell, Floyd	Hollywood	51.5	31.8	41.7	76	6	17	11	0	0	15	36		7	3.11	1.61	1	5.18	11	1	1.8	1.1	20	4.5	2400
Zyla, John	Ridge	50.4	32.8	41.6	75	6	17	11	0	1	15	46	NW	10	2.43	1.44	1	4.30	12	1	2.4	1.8	14	5.6	2400
	<u>Washington, Maryland</u>																								
Hutto, Max	Smithsburg 1.5 SW	41.6	24.4	33.0	66	6	3	21	0	6	24	44	WNW	10	3.65	1.23	1	4.97	13	1	5.5	2.6	12	12.8	2400
Keefer, Greg	Hagerstown 1 E	40.7	24.7	32.7	65	6	7	21	0	6	24	55	WNW	10	3.49	1.26	1	5.17	14	1	4.5	2.2	12	12.0	2400
Vaughn, Jim	Smithsburg 2 NE	41.4	26.6	34.0	66	6	9	11	0	6	22	58	NW	10	3.55	1.24	1	5.21	14	1	3.2	1.5	12	10.7	2400
	<u>Wicomico, Maryland</u>																								
NWS Salisbury	Wicomico Co. Apt	51.6	27.0	39.3	75	6	13	11+	0	1	24	48	NW	10	3.58	1.71	13	5.06	12	2	1.5	1.5	14	2.8	2400
	<u>Arlington, Virginia</u>																								
NWS Washington Nationa	National Airport	49.6	32.4	41.0	74	6+	16	11	0	1	16	52	W	10	4.17	2.05	1	5.54	9	2	1.0	1.0	20	2.3	2400
	<u>Loudon, Virginia</u>																								
NWS Washington Dulles	Dulles Airport	46.7	27.9	37.3	71	6	14	11	0	2	24	58	W	10	2.68	1.44	2	3.94	11	1	T	T	20+	8.3	2400
Shaffer, Lance	Sterling 4 N	46.5	29.1	37.8	69	18	14	11	0	2	20				3.37	1.65	1	4.81	12	2	0.8	0.3	20	10.3	2400
	<u>Tucker, West Virginia</u>																								
Leshner, Dave	Davis 3 SE WV	36.3	17.1	26.7	58	6	-5	11+	0	7	25				6.23	0.83	27	13.44	26	0	44.0	11.1	28	130.2	0700
<b>SECTION AVERAGE*</b>		<b>45.6</b>	<b>27.2</b>	<b>36.4</b>											<b>3.77</b>			<b>5.41</b>			<b>3.7</b>			<b>13.2</b>	

**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.

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 11/16/08

**ACON MD / DE / DC  
FEBRUARY 2008 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		AVG	OBS TIME
BEAR 2 SW, DE GALLAHER	52 30	47 26	52 24	50 35	55 41	70 47	66 31	49 28	51 27	47 17	25 12	33 20	43 33	39 24	52 23	38 23	58 20	71 32	45 28	33 21	32 18	34 26	35 25	41 19	49 29	46 30	45 26	32 20	42 13	45.9	2400 EST	
WILMINGTON , DE NWS NEW CASTLE CO APT	51 31	30 30	51 25	50 37	58 42	71 46	67 36	51 32	51 31	49 16	26 12	33 20	44 33	40 27	55 26	39 25	51 23	72 36	46 26	33 17	33 26	35 27	35 20	41 32	50 45	48 35	44 25	33 19	41 19	46.3	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	50 29	45 28	53 26	49 34	56 41	69 45	65 33	49 30	50 28	47 16	24 11	32 19	41 32	38 25	52 25	37 25	53 22	73 35	44 27	32 17	33 23	36 27	40 20	49 30	45 32	45 24	43 19	31 15	40	45.1	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm	54 29	45 26	53 26	48 32	59 34	72 48	66 30	47 27	55 27	46 17	25 12	32 19	41 31	38 25	53 29	37 24	62 21	71 34	44 27	29 20	32 11	32 24	34 26	39 20	47 30	45 32	45 25	30 19	43 14	45.8	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	64 37	52 35	53 30	55 34	67 46	73 57	69 33	50 28	58 26	51 22	27 15	55 21	61 37	40 27	57 29	42 25	61 23	69 40	49 30	38 21	33 19	28 28	37 32	39 27	42 30	48 30	57 32	51 28	32 21	44	50.8	2400 EST
GEORGETOWN, DE UofD RESEARCH & ED CTR	63 36	51 36	56 29	56 35	67 45	72 59	69 32	49 29	58 26	50 22	27 15	55 20	60 37	40 27	56 29	42 26	62 24	68 40	48 28	38 20	33 18	37 27	39 32	43 26	47 32	57 33	50 28	32 19	44 16	50.7	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	63 36	52 33	50 29	52 34	67 45	73 54	70 30	49 27	57 26	51 21	26 13	55 21	60 36	39 25	56 27	41 23	60 38	67 29	48 19	37 18	31 27	37 31	38 24	42 30	46 29	56 29	51 27	31 18	43 14	49.9	2400 EST	
FROSTBURG LATTA	32 14	33 23	37 24	45 26	50 34	59 48	58 32	34 27	33 26	47 27	28 1	19 1	25 13	34 13	38 13	39 22	41 22	50 30	45 21	30 11	21 -1	24 0	29 19	32 18	39 17	48 27	51 34	38 22	23 8	35.8	0700 EST	
LAVALE MULLINS**	32 29	37 29	45 25	40 34	56 37	62 46	37 34	37 32	46 32	26 10	23 5	32 17	37 23	38 17	42 21	42 24	50 29	35 37	25 22	29 17	31 5	35 23	40 31	38 20	35 22	35 31	29 18	27 14	33	36.9	2400 EST	
PASADENA 2 N HANSON	53 33	50 28	52 27	49 35	61 44	74 62	61 32	50 28	55 29	50 19	28 14	31 21	41 31	41 26	57 28	42 25	74 37	48 29	32 23	32 17	33 28	36 27	33 23	36 43	50 32	50 32	45 26	34 20	42 18	47.2	2400 EST	
LOTHIAN JUG BAY	45 26	> >	> >	> >	70 26	75 43	> 22	54 35	61 12	50 20	33 26	34 26	41 26	44 25	59 29	49 23	65 36	74 28	51 20	38 11	38 25	35 31	39 22	48 33	53 30	54 35	42 20	36 14	49.5	0900 EST		
BALTIMORE NWS BWI APT	52 33	50 29	57 26	50 35	60 35	72 45	62 31	50 27	56 29	48 18	28 13	31 20	40 30	40 26	55 26	45 28	54 25	71 37	47 28	33 23	33 16	36 26	44 29	50 22	49 33	44 34	44 25	34 19	42 16	47.1	2400 EST	
LAUREL 2 E STOUDT	49 32	50 30	55 29	49 36	59 36	70 48	61 35	51 31	56 32	48 18	29 14	31 22	40 30	40 25	55 29	46 29	56 27	70 37	47 28	34 25	34 18	34 28	39 31	43 26	49 34	49 35	43 25	34 19	42 19	47.0	2400 EST	
OWINGS MILLS 2SE SHARROW	47 27	44 31	52 25	48 35	53 38	65 46	62 33	46 28	52 28	44 17	24 9	28 16	37 27	36 21	48 26	40 23	44 25	61 37	42 28	31 21	30 12	32 21	33 25	40 21	47 31	44 32	42 22	31 15	37 15	42.8	2400 EST	
BALTIMORE 2SE MANFRE	53 34	51 36	53 34	51 41	62 35	74 48	62 41	51 37	55 38	49 19	28 15	32 20	43 32	41 27	56 32	46 30	52 33	72 42	48 31	34 20	33 26	35 33	37 29	45 37	51 39	49 26	46 21	34 24	47.8	1800 EST		
BALT INNER HARBOR MD SCIENCE CENTER	52 34	50 36	49 34	51 41	60 43	73 48	62 41	52 37	53 38	49 19	27 15	32 20	43 32	40 27	55 32	44 30	50 33	71 42	47 31	33 27	33 20	35 26	37 34	43 29	49 37	49 39	46 27	34 21	42 24	47.0	2400 EST	
MANCHESTER 1SW CLOSE	47 29	42 31	54 30	46 36	58 40	66 50	60 33	46 30	50 30	41 12	23 7	29 14	34 28	35 20	48 29	39 21	51 26	62 36	40 22	30 17	30 8	30 21	31 26	41 20	48 29	43 33	40 21	29 14	37 15	42.4	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	47 29	42 31	51 25	52 35	55 40	67 47	64 36	46 27	50 26	43 21	22 15	28 24	36 20	34 22	51 24	38 22	45 38	67 28	43 19	29 7	27 21	32 29	35 41	41 28	45 19	42 20	41 25	31 14	39 14	42.9	2100 EST	
WESTMINSTER 5 SSE KLEIN	45 27	44 30	49 27	47 35	53 38	63 47	62 33	43 28	47 28	42 15	23 8	25 14	34 22	33 20	47 25	37 22	42 25	63 35	40 25	31 19	28 11	31 22	34 28	44 29	42 32	39 22	35 24	29 14	36 16	41.0	2200 EST	
MILLERS 4NE MILLER	46 27	41 32	52 24	45 35	54 40	66 47	64 38	42 28	49 26	42 23	23 7	22 13	34 21	35 20	47 27	42 21	41 25	62 39	41 29	30 18	27 8	30 21	31 28	40 17	46 26	42 31	41 26	28 14	34 12	41.3	1800 EST	
BRYANS ROAD 2 ESE BRUMBACK	47 34	54 29	59 31	52 39	71 39	73 61	67 36	53 32	61 33	54 21	32 16	31 24	38 30	44 26	61 34	48 31	70 36	72 29	49 23	36 19	35 28	34 32	M	M	M	M	M	M	M	50.8	2400 EST	
EMMITSBURG 2 SE GLASS	40 29	40 31	41 24	53 24	46 35	56 40	65 44	45 28	45 27	47 30	41 10	25 10	37 16	37 22	36 22	47 23	40 23	52 30	59 30	42 22	29 8	28 8	31 23	35 21	41 22	48 29	43 32	31 16	M	42.1	0630 EST	

**ACON MD / DE / DC  
FEBRUARY 2008 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		AVG	OBS TIME
FREDERICK 3 WNW	38	46	53	49	53	64	55	47	52	46	28	28	37	40	51	44	42	50	42	30	32	31	36	44	50	42	39	32	42		42.9	2300
LAWRENCE	30	28	24	37	36	45	32	27	26	15	11	17	27	23	24	24	38	24	19	10	24	31	22	31	33	22	17	18		25.5	EST	
EAGLE ROCK	36	32	40	46	59	60	30	38	50	28	20	42	36	34	36	38	56	40	28	32	32	42	30	42	38	44	20	24		38.4	0800	
HARVEY	20	20	21	34	34	48	26	24	24	24	-4	14	10	32	18	28	38	18	10	-8	12	28	14	24	24	12	2	6		19.2	EST	
LAUREL JHU / APL	48	48	55	48	59	70	58	47	54	44	26	29	37	38	54	43	51	69	45	31	32	33	34	44	48	46	42	32	45		45.2	2400
GIANNOLA	31	31	29	39	40	50	33	28	29	15	11	18	28	23	32	26	30	38	26	21	15	23	31	26	34	35	22	17	17		27.5	EST
POTOMAC 4N	45	46	55	50	57	70	65	48	55	47	28	29	36	39	54	43	47	69	45	33	32	33	36	43	48	45	43	34	42		45.4	2100
COHEN	31	32	28	39	37	48	35	29	30	23	13	22	29	24	27	28	29	41	31	26	17	27	33	24	33	35	27	18	18		28.8	EST
OLNEY 1 S	48	46	55	49	57	69	59	48	54	46	27	29	36	38	52	44	48	67	46	32	32	32	35	42	48	45	41	33	44		44.9	2400
GIANNOLA	30	30	28	37	38	50	32	28	30	17	11	20	28	22	29	26	28	38	27	21	15	24	31	21	33	33	24	17	17		27.1	EST
CLARKSBURG 2ENE	44	46	55	51	57	67	56	48	53	45	27	28	34	38	52	43	53	66	44	30	31	31	35	43	48	44	40	32	45		44.3	2400
HOLDEN	30	32	27	39	39	54	32	31	33	14	10	18	27	22	31	25	27	37	24	20	13	24	30	23	33	36	22	16	18		27.1	EST
MONTGOMERY VILLAGE	45	46	55	51	58	69	59	48	53	46	27	30	37	38	53	43	53	67	46	32	32	33	37	43	48	46	41	32	46		45.2	2400
ROTH 1SW	33	31	28	39	40	47	33	30	30	17	13	21	30	24	31	28	29	39	27	23	14	26	32	25	35	36	24	19	19		28.3	EST
GLENMONT 1NNE	48	49	58	53	60	71	60	52	58	49	31	32	38	42	57	48	53	72	47	33	35	33	36	47	51	47	49	34	47		47.9	2400
ROSSEN	33	29	27	36	36	47	32	28	29	18	13	21	30	25	26	27	26	36	26	22	17	25	30	23	32	33	24	19	16		27.1	EST
BETHESDA	47	47	57	51	59	71	60	48	55	46	28	30	37	39	56	44	51	69	46	33	32	33	37	43	47	47	42	33	47		45.9	2400
SCAFIDE	32	32	30	40	39	55	34	31	33	18	13	21	29	25	32	29	31	38	27	24	18	26	32	25	35	38	24	19	21		29.2	EST
GAITHERSBURG 2WNW	42	48	55	51	57	68	58	50	53	45	30	29	37	40	55	44	52	68	46	32	34	33	36	42	49	45	41	33	46		45.5	2400
SHAW	33	29	30	37	39	46	31	28	29	17	12	21	29	24	31	27	30	36	26	23	16	26	31	26	34	35	24	18	17		27.8	EST
FOREST GLEN	48	51	60	55	61	71	60	57	58	48	32	32	38	43	58	49	53	71	48	34	37	33	38	47	52	48	43	37	47		48.6	2400
TERRY	33	32	29	40	39	56	34	30	33	18	13	21	31	25	32	29	31	37	27	23	17	27	31	24	35	37	25	19	20		29.2	EST
OXON HILL	49	52	59	54	69	72	61	53	60	50	31	31	39	44	58	48	61	73	49	36	35	35	40	46	50	54	46	35	49		49.6	2300
SMITH	33	30	31	39	40	59	37	35	36	21	16	24	31	27	32	31	30	40	31	24	20	28	34	27	37	39	29	20	20		31.1	EST
HOLLYWOOD	60	53	57	56	74	76	72	53	62	56	33	34	42	44	61	46	53	75	51	38	33	35	40	46	50	57	51	38	48		51.5	2359
ABELL	36	30	33	38	43	58	49	34	32	25	17	25	33	27	31	33	29	39	33	24	20	30	35	25	36	37	29	20	20		31.8	EST
RIDGE	55	45	53	54	73	75	57	48	60	57	33	42	55	42	57	41	60	71	53	43	32	35	41	42	49	56	49	38	47		50.4	2400
ZYLA	34	33	37	41	53	51	38	36	39	22	17	25	31	26	36	31	40	42	29	25	21	31	31	30	36	40	26	21	28		32.8	EST
SMITHSBURG 1.5 SW	38	40	51	48	54	66	53	44	51	41	25	26	35	38	47	42	48	56	40	27	29	32	35	43	46	43	38	29	40		41.6	2400
HUTTO	30	26	21	39	34	46	33	27	27	13	9	17	25	21	22	24	27	37	21	18	3	24	29	24	28	31	21	16	16		24.4	EST
HAGERSTOWN 1E	35	39	51	47	53	65	52	44	49	42	24	24	35	36	47	40	44	56	41	26	28	31	36	41	46	42	37	29	40		40.7	2400
KEEPER	30	27	22	37	34	45	33	27	27	13	9	17	22	21	25	24	32	36	22	18	7	23	28	21	31	32	21	16	17		24.7	EST
SMITHSBURG 2 NE	41	40	51	49	60	66	53	42	50	42	23	27	35	36	46	39	51	58	38	25	28	32	34	40	45	44	38	27	41		41.4	2400
VAUGHN	30	30	26	40	37	53	35	29	30	13	9	16	26	22	29	25	34	36	24	19	10	23	30	25	32	33	20	16	19		26.6	EST
SALISBURY	63	51	57	61	70	75	69	48	58	55	29	56	60	40	55	44	61	67	49	42	33	37	40	43	48	57	51	33	45		51.6	2400
NWS WICOMICO CO APT	37	27	27	31	45	57	28	24	22	24	13	17	37	24	25	22	20	40	29	17	19	29	31	25	27	29	28	15	13		27.0	EST
WASH NATIONAL	47	51	57	55	65	74	64	53	59	51	32	33	41	44	58	47	53	74	50	36	35	36	41	44	51	54	47	37	50		49.6	2400
NWS ASOS	35	32	32	40	41	55	40	36	39	22	16	25	32	28	34	32	33	43	30	27	21	29	35	29	38	40	28	22	25		32.4	EST
WASH DULLES	40	49	58	51	60	71	57	50	58	46	31	29	38	43	58	47	48	69	47	36	33	33	39	44	48	46	42	34	48		46.7	2400
NWS ASOS	32	28	29	37	35	51	34	28	29	19	14	23	28	25	32	29	29	32	27	21	18	28	32	23	31	35	24	19	17		27.9	EST
STERLING 4 N	37	48	57	52	55	68	62	51	58	48	32	29	36	44	56	48	47	69	46	34	34	33	38	46	49	46	42	36	48		46.5	2400
SHAFFER	33	31	28	39	37	46	36	30	31	22	14	22	29	25	29	30	30	40	29	23	18	27	33	25	36	35	26	20	20		29.1	EST
DAVIS 3 SE WV	35	38	39	44	53	58	57	25	35	43	22	25	45	35	34	34	39	51	40	20	23	34	43	33	38	36	40	16	17		36.3	0700
LESHER	11	19	19	31	40	47	25	22	25	22	-5	-5	24	9	9	18	18	38	16	9	-4	-4	33	14	15	23	16	3	7		17.1	EST

**ACON MD / DE / DC**  
**FEBRUARY 2008 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	TOTAL	OBS TIME	
BEAR 2 SW, DE GALLAHER	1.34					0.01	0.06		0.02	T		0.35	1.68					0.22		0.08	T	0.45				0.10				4.31	2400	
WILMINGTON, DE NWS NEW CASTLE CO APT	1.32			T	T	0.01	0.03		0.06	T		0.42	1.57	T			0.02	0.29		0.06	T	0.43	T			0.11	T		T		4.32	2400
NEWARK AG FARM, DE U OF DE DEOS	0.82								0.06			0.18	1.95				0.01	0.31			0.07	0.17	0.31			0.12				4.00	2400	
TOWNSEND 4 W, DE U of D DE Townsend Farm	1.38			0.01			0.10		0.01			0.01	1.32				0.05			0.10	0.11	0.12				0.19				3.40	2400	
GEORGETOWN, DE NWS SUSSEX CO APT	1.11			0.01		0.01	0.07		0.02			0.16	1.17	0.12			T	0.16		0.04		0.41		T	0.04	0.01	0.01		0.01		3.35	2400
GEORGETOWN, DE UofD RESEARCH & ED CTR	0.97			0.01	0.01		0.03		0.01			0.13	1.11	0.04				0.08			0.02	0.37		0.01	0.01		0.01				2.81	2400
HARBESON 8 S, DE UofD WARRINGTON FARM	1.18			0.01			0.04		0.02			0.16	1.25	0.28	0.02		0.01	0.15			0.05	0.35			0.04		0.01		0.01		3.58	2400
FROSTBURG LATTA	0.29	0.32		0.04	0.05	0.31	0.46		0.04	0.12	T	0.21	0.29	0.08				0.40	0.05	T	0.14	0.37	0.14		T	T	0.24	0.01	T		3.56	0700
LAVALE MULLINS**	0.53	0.03		0.01	0.15	0.33		0.02	0.01	0.10		0.41	0.06				0.23			0.15		0.35				0.18			0.31		2.87	2400
PASADENA 2N HANSON	0.3								0.2	0.5		4.0	T							3.0		2.0				T		2.5		12.5	EST	
PASADENA 2N HANSON	1.71			0.01	0.01	0.23	0.01		0.01			0.01	0.08					0.22		0.01	0.02	0.11	0.08	0.04		0.06				2.61	2400	
LOTHIAN JUG BAY	1.88	>	>	>	>	0.97	0.28		T				0.72	0.15	T				0.09		0.09	0.47	0.03			0.02	0.17	T		4.87	0900	
BWI NWS ASOS	1.80			0.03	T	T				T		0.20	1.24				T	0.20		0.02	T	0.22				0.09			T		3.80	2400
LAUREL 2 E STOUDT	1.89			0.03	T	0.04			T	T		0.24	1.13				T	0.19		0.02	T	0.25				0.09					3.88	2400
OWINGS MILLS 2SE SHARROW	1.97			T	T	T	T		T	T		0.21	1.02				T	0.12		0.05		0.19	0.02			0.24	T			3.82	2400	
BALTIMORE 2SE MANFRE	1.81			0.02	T	0.03			0.02	0.01		0.25	1.27				0.01	0.20		0.03	T	0.28	0.01			0.09					4.03	1800
BALT INNER HARBOR MD SCIENCE CENTER	1.93			0.02		0.03	0.01		0.01	0.01		0.25	1.30					0.22		0.03		0.27	0.01			0.09					4.18	2400
MANCHESTER 1SW CLOSE	2.18			0.07	0.01	0.02			T	T		0.33	1.45	T			T	0.18		0.12	T	0.23	T			0.38	T		T		4.97	2300
WESTMINSTER 4 SSE HARTSOCK	2.20			0.07		0.03	0.10		0.01	T		0.05	1.47					0.13		0.10		0.16				0.45					4.77	2100
WESTMINSTER 5 SSE KLEIN	2.05			0.06			0.13		0.01			0.20	1.40				0.09			0.10		0.10				0.40					4.54	2200
MILLERS 4NE MILLER	2.28	T		0.06	0.02	0.01	0.03		0.03	T		0.18	1.89				T	0.34		0.12	0.02	0.20	0.02				0.40	T			5.60	1800
BRYANS ROAD 2 ESE BRUMBACK	1.91			0.06		T	0.04					0.97	0.24					0.20		0.08		0.30		M	M	M	M	M	M	M	3.80	2400
EMMITSBURG 2 SE GLASS	0.10	1.20		0.10		0.02	0.10					0.02		0.10				0.20			2.2	0.2		M	M	M	M	M	M	M	2.4	EST
												0.5		0.10							0.10	0.15	0.15						M		2.24	0630
																					2.0	2.0							M		4.5	EST

**ACON MD / DE / DC  
FEBRUARY 2008 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	TOTAL	OBS TIME		
FREDERICK 3 WNW LAWRENCE	0.35			0.06		0.05	0.01		0.03	T		0.18	1.93				0.01	0.11		0.08	T	0.06	T			0.34					3.21	2300	
EAGLE ROCK HARVEY	0.17	0.37 2.5		0.08		0.40	1.00	0.01	0.06	0.13	0.05	0.22	0.22	0.02				0.20	0.20	0.21	0.30	0.30	0.30		T	0.13	0.45	0.12	T			4.94	0800
LAUREL JHU / APL GIANNOLA	2.07			0.03	T	0.01						0.31	1.40					0.04		0.02	T	0.25				0.12						4.25	2400
POTOMAC 4N COHEN	1.70			0.02		T				0.04		0.04	1.20				T	0.06		0.02		0.24			0.02	0.18						3.52	2100
OLNEY 1 S GIANNOLA	1.90			0.02		0.02			T	T		>	1.46				T	0.03		0.02	>	0.26			T	0.19						3.90	2400
CLARKSBURG 2ENE HOLDEN	2.00		T	0.05	T	0.09			T	T		0.25	0.93				T	0.02		0.03	T	0.12		T	T	0.40						3.89	2400
MONTGOMERY VILLAGE ROTH 1SW	1.83			0.06		0.02						0.15	1.01				0.02	0.07		0.01	0.06	0.14				0.31						3.68	2400
GLENMONT 1NNE ROSSEN	1.82			0.02	T	0.01			T	0.01		0.35	1.33				T	0.05		0.01	0.01	0.24			T	0.12			T			3.97	2400
BETHESDA SCAFIDE	1.60			0.01								0.09	1.25					0.03				0.11	0.08	0.01		0.10						3.28	2400
GAITHERSBURG 2WNW SHAW	1.81			0.02		0.01			T	T		0.19	0.88				T	0.02		0.03	0.01	0.18	T	T		0.35			T			3.50	2400
FOREST GLEN TERRY	1.88			0.01		T				0.02		0.40	1.39				T	0.05		T	T	0.22		T		0.10	T					4.07	2400
OXON HILL SMITH	2.13		T	0.01	T	0.36				T		0.15	1.32				T	0.20		0.05	T	0.26		T		0.13						4.61	2300
HOLLYWOOD ABELL	1.61			0.13	T	0.01	T		T			0.10	0.57	0.09			0.01	0.06		0.09		0.26				0.18			T			3.11	2359
RIDGE ZYLA	1.44			0.01	0.02	0.02						0.10	0.34	0.17			0.02	0.02		0.05		0.22				0.02			T			2.43	2400
SMITHSBURG 1.5 SW HUTTO	1.23			0.04	0.05	0.47			T	0.06		0.32	0.49				T	0.01		0.03	0.01	0.13				0.77	T		0.04			3.65	2400
HAGERSTOWN 1E KEEFER	1.26			0.04	0.09	0.52			0.01	0.06		0.24	0.41				T	0.01		0.06	0.01	0.11	T			0.65	T		0.02			3.49	2400
SMITHSBURG 2 NE VAUGHN	1.24			0.06	0.07	0.33			0.01	0.03	T	0.21	0.52				0.03	0.04		0.13		0.03				0.79			0.06			3.55	2400
SALISBURY NWS WICOMICO CO APT	1.14			0.13		T			0.01			0.10	1.71	0.11			0.02	0.08		0.03		0.23				0.01	0.01		T			3.58	2400
WASH NATIONAL NWS ASOS	2.05			0.01	T	0.14				T		0.18	1.17				T	0.22		0.02	T	0.29		T		0.09			T			4.17	2400
WASH DULLES NWS ASOS	1.44			0.03	0.01	0.02				0.01		0.15	0.67				T	0.04		T	T	0.15		0.03	T	0.13			T			2.68	2400
STERLING 4 N SHAFFER	1.65			0.02	0.01				0.02	0.04		>	1.10		0.02		T	0.03		0.03	>	0.16			0.02	0.27			T			3.37	2400
DAVIS 3 SE WV LESHER	0.09	0.52 2.8		0.10	0.11	0.30	0.77	0.02	0.01	0.24	0.30	0.19	0.29	0.15	0.01			0.08	0.27	0.18	0.59	0.16	0.11	0.06	0.02	0.04	0.83	0.61	0.18			6.23	0700
	T					T	0.3	0.2	2.1	3.7	1.7	2.3	1.8	0.2					2.4	2.1	7.0	0.3	T	0.4	0.3	0.5	2.6	11.1	2.2			44.0	EST