



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

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

Dry, Mild, Sunny, Windy

“Overall it was a mild, very dry, and very windy month. The average minimum was 5 degrees warmer than January, but the average maximum was 12 degrees warmer.” This quote, which summarizes February’s weather, is from **Joe Terry’s** report. All stations east of Allegany County reported less than an inch of precipitation. Record dryness was reported by three of the four NWS stations in the region: Baltimore BWI 0.26”, old record 0.36” in 2002, Wilmington DE 0.30”, old record 0.43” in 2002, and Washington National 0.35”, old record 0.42” in 1978.

The month began with morning temperatures on the 1st in the lower to middle 20’s which warmed up to the mid 50’s to the lower 60’s in the afternoon. A cold front moved through on the 2nd. Some light rain and light snow fell from the 2nd to the 4th. Liquid amounts averaged less than a tenth of an inch and snowfall amounts an inch or less. This turned out to be the “snowiest” event of the month. East of Garrett County the heaviest amounts fell in Carroll County. **Bobby Miller** of **Millers 4 NE** reported 3.0”, **Herb Close** of **Manchester 1 S** 2.7”, **Ralph Hartsock** of **Westminster 4 SSE** 1.8” and **Ray Muller** of **Westminster City** 1.6”.

Temperatures on the 4th and 5th remained below freezing at many stations. The coldest temperatures of the month occurred on the 5th and 6th. Below zero temperatures were reported by **Dave Leshner** of **Davis 3 SE WV** -6°, and **Rebecca Harvey** of **Eagle Rock** -5°.

The cold did not last long. 50’s and 60’s temperatures were common by the 7th. **Floyd Abell** of **Hollywood** observed 71° on the 8th. The warmest day of the month occurred on the 11th. Maximum temperatures ranged from the mid 60’s to the lower 70’s. **Jug Bay Wetlands** of **Lothian** reported 74°.

The month’s major weather event occurred on the 12th. A strong cold front that moved through the region brought strong damaging winds. 58 MPH or higher

winds were reported by ACON observers in Washington County by **Jim Vaughn** of **Smithsburg 2 NE** 66 mph, **Nate Mullins** of **LaVale** 64 mph, **Greg Keefer** of **Hagerstown 1 E** 64 mph, in **Carroll County** by **Bobby Miller** of **Millers 4 NE** 59 mph, **Ralph Hartsock** of **Westminster 4 SSE** 58 mph, and in Montgomery County **Richard Holden** of **Clarksburg 2 NE** 58 mph. Structural, tree damage and power outages were reported by ACON observers across the region.

From the 13th to the 25th maximum temperatures were generally in the 30’s and 40’s and minimums in the 20’s. Teens occurred at many stations on the 24th and 25th.

The wettest day of February occurred on the 18th. Precipitation began as snow and changed to rain. Liquid amounts were generally less than two tenths of an inch and snowfall amounts were only a few

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetland Lothian	74
Hollywood	73
Forest Glen	72

MINIMUM TEMPERATURE

Davis 3 SE WV	-6
Eagle Rock	-5
Frostburg	1

WARMEST AVG. TEMP.

Oxon Hill	41.0
Hollywood	40.6
Byrans Road 2 ESE	40.2

COLDEST AVG. TEMP.

Davis 3 SE WV	25.5
Frostburg	28.7
Eagle Rock	30.1

MAXIMUM PRECIPITATION

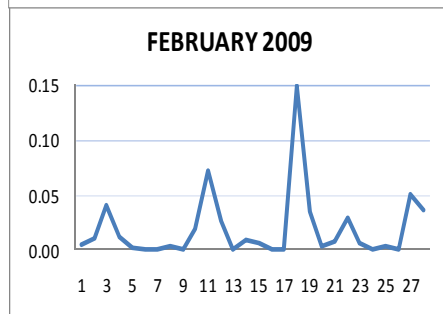
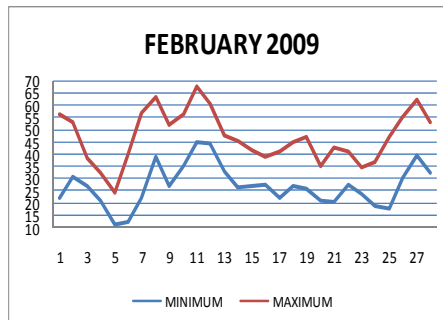
Davis 3 SE WV	4.45
Eagle Rock	2.23
Frostburg	1.34

MINIMUM PRECIPITATION

Owings Mills 2 SE	0.25
Jug Bay Wetland Lothian	0.31
Pasadena 2 N	0.34

MAXIMUM SNOWFALL

Davis 3 SE WV	36.1
Eagle Rock	23.0
Frostburg	5.1



ACON MD/DE Network

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

tenths of an inch or less. Thunderstorms with hail were reported by **Greg Latta** of **Frostburg** and **Nate Mullins (Scott Lohr)** of **LaVale**. Around an half inch of rain fell.

Temperatures re-bounded into the 50’s and 60’s from the 26th to the 28th. Light rains averaging less than a tenth of an inch fell on the 27th and 28th.

OBSERVER COMMENTS FOR FEBRUARY 2009

Gary Gallaher of Bear 2 SW, DE

0.39", second driest Feb. on record. Driest 0.33 set in 2002.
26th - Peak wind gust of 7 MPH monthly record minimum.

Greg Latta of Frostburg

The following occurred sometime between 7AM the previous day and 7 AM on day indicated:

13th - Damaging winds.

19th - Thunderstorm with hail.

Nate Mullins of LaVale

12th - Extremely windy all day. Sustained winds 30-40 mph with a west wind gust measured at 64 mph. The wind was clocked at 67 mph at the Cumberland Airport. These winds caused widespread wind damage--many trees and power lines down and a good bit of structural damage as well. Allegheny Power reported nearly 300,000 customers lost power at some point, an unusually high number. This was one of the windiest days in many, many years.

18th - AM snow to rain, thunderstorm with hail at 8:30pm.

Jeff Stoudt of Laurel 2 E

3rd - Periods of wet AM snow.

28th - Wet -SN with -PL after dark.

Marty Sharrow of Owings Mills

1st - Abundant sunshine and much warmer.

11th - Partly sunny and unseasonably warm.

18th - AM snow to afternoon light rain, cool.

Joe Manfre of Baltimore 2SE

12th - Damaging winds, mild.

23rd - Partly cloudy, very windy, cold.

Ralph Hartsock of Westminster 4 SSE

6th - Sunny and milder after a very cold start, 9°.

13th - Still windy, colder.

18th - Snow changing to rain.

Bobby Miller of Millers 4 NE

1st - Clear sky, 100% sunshine, contrails at obs time.

12th - 13th - Power out 24.5 hours due to high winds on the 12th which gusted to 59 MPH.

19th - AM ground fog, windy and colder PM.

25th - Heavy AM frost.

Ray Muller of Westminster City

5th - Blustery, sunny, gusty NW winds.

10th - Light PM rain.

24th - Clear day with gentle NW winds.

Marty Brumback of Bryans Road 2 ESE

4th - Partly Cloudy and Blustery

18th - Snow in AM changes to sleet/rain mid-late morning

28th - Overcast all day. Maximum temperature right after midnight and the minimum temperature just before midnight

Eric Glass of Emmitsburg 2 SE

12th - Partly cloudy, damaging winds.

Rebecca Harvey of Eagle Rock

6th - Maximum snow depth of the month 15".

Rich Giannola of JHU/APL

Max. barometric pressure = 30.45" on 5th, 6th, and 25th
Min. barometric pressure = 29.43" on 19th

2nd - -RA in early evening changing to -SN late evening.

Rob Cohen of Potomac 4 N

Driest February on record.

11th - Brief rain squall @ 10 PM.

Rich Giannola of Olney 1 S

18th - Morning -SN changing to RA in late morning, afternoon -RA.

23rd - Morning flurries.

Stan Rossen of Glenmont 1 NNE

0.42" second driest February and the 6th driest month in station history. Driest February 0.40" in 2002.

Kevin Shaw of Gaithersburg 2 WNW

8th warmest, 6th least snowiest, and 2nd driest February.

2nd - Sunny early, increasing clouds most of day, RA-, S-(grass) evening.

16th - Cloudy AM, light flurries, clearing PM, seasonable.

28th - Cloudy, turning colder - Late evening IP, S- devel-ops (9 PM-Mid)

Joe Terry of Forest Glen

12th - Highest average wind speed since anemometer installed 12 years ago.

28th - Period of sleet, snow and snow pellets very late evening with light accumulation. It was a mild 64 degrees yesterday.

Brian Smith of Oxon Hill

18th - -SN 0730-1000; -PL 0930-1100; -RA 1030-1600

27th - 0850 upper portions of halo.

Floyd Abell of Hollywood

3rd - AM very light rain & snow-fair afternoon & evening

18th - Morning snow, sleet & rain-aft. rain--breezy

Max Hutto of Smithsburg 1.5 SW

5th - Very cold, Mostly sunny, Windy.

14th - Mostly cloudy, colder, PM snow showers, breezy.

Greg Keefer of Hagerstown 1 E

0.48", 5th driest. Record driest 0.20" set in 2002.

7th - 64° Record max. temp, old record 62 set in 1938.

12th - High winds gusting to 64 MPH several times this morning. High winds all day long gusting to 55 MPH. Many reports of tree and power line damage, power outages and some structural damage.

14th - Some light wet snow late this afternoon—only measureable snow of the month.

Jim Vaughn of Smithsburg 2 NE

0.71" Fifth driest February. Driest 0.24" set in 2002.

11th - Record high of 65 - old record 61 set in 1999.

12th - Wind gust of 66 MPH ties the high February gust.

Dave Leshner of Davis 3 SE WV

5th - Maximum snow depth for the month of 16"

14th - Only day without at least a "T" of snow on ground.

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 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>																									
Gallagher, Gary	Bear 2 SW	46.7	26.0	36.4	68	11	11	5	0	2	23	50	W	12	0.39	0.18	18	3.24	7	0	1.5	1.0	3	5.6	2400
NWS Wilmington	New Castle Co. Apt.	46.1	26.9	36.5	69	11	13	5	0	2	22	60	W	12	0.30	0.17	18	3.20	5	0	1.5	1.0	3	5.6	2400
UofDE AG FARM DEOS***	Newark	46.3	26.6	36.5	69	11	13	5+	0	2	23	32		12	0.32	0.20	18	2.88	7	0					2400
U of D REC DEOS***	Townsend 4 W	45.8	26.9	36.4	67	11	13	5	0	2	23	41		12	0.39	0.25	18	3.01	4	0					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	50.9	29.6	40.3	71	11	12	6	0	1	20	43	W	12	0.29	0.11	18	2.40	6	0					2400
U of D REC DEOS***	Georgetown 5 SW	49.4	28.5	39.0	68	11	11	6	0	1	20	31		12	0.30	0.09	18	2.62	5	0					2400
U of D REC DEOS***	Harbeson 8 S	48.6	27.4	38.0	69	11	10	5+	0	2	21	41		12	0.34	0.09	18+	2.58	4	0					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	38.5	18.8	28.7	64	12	1	5+	0	11	24				1.34	0.49	19	4.66	8	0	5.1	1.8	23	41.9	0700
Mullins, Nate**	LaVale	41.9	25.1	33.5	69	11	7	5	0	6	20				1.02	0.46	18	3.80	9	0	1.8	0.7	23	18.3	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	48.6	27.3	38.0	71	11	12	6	0	1	22	39	W	12	0.34	0.18	18	3.26	8	0	0.0	0.0		1.5	2400
Jug Bay Wetlands	Lothian	52.2	27.1	39.7	74	12	10	6	0	1	16				0.31	0.13	18	3.22	4	0	0.0	0.0		1.8	0900
NWS Baltimore	BWI Airport	48.4	26.5	37.5	70	11	12	6	0	1	22	54	W	12	0.26	0.12	18	2.99	5	0	0.6	0.4	4	2.7	2400
Stoudt, Jeff	Laurel 2 E	49.0	27.8	38.4	71	11	13	6	0	1	20				0.42	0.21	18	3.46	7	0	0.4	0.2	3	2.0	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	45.9	25.3	35.6	68	11	9	5	0	3	23				0.25	0.12	18	3.06	5	0	2.2	1.0	4	7.5	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	48.2	31.2	39.7	71	11	15	5	0	1	17				0.37	0.11	11+	3.04	7	0	0.5	0.5	3	2.2	1800
Maryland Science Ctr	Baltimore Inner Harbor	47.8	31.2	39.5	70	11	15	6	0	1	17				0.34	0.11	18	2.99	7	0					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	44.6	24.1	34.4	64	11	6	5	0	3	23				0.52	0.15	18+	2.72	8	0	4.7	1.8	3	9.6	2300
Hartsock, Ralph	Westminster 4 SSE	45.3	26.4	35.9	67	11	8	5	0	2	21				0.56	0.13	18	3.04	10	0	3.2	1.2	4	8.2	1800
Miller, Bobby	Millers 4 NE	44.5	26.1	35.3	64	11	10	5	0	4	21	59	W	12	0.75	0.17	18	3.11	11	0	4.6	2.0	4	11.7	1800
Muller, Ray	Westminster City	44.6	27.4	36.0	68	11	8	5	0	4	20	50	W	12	0.70	0.14	18	2.19	10	0	2.9	1.4	4	8.9	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	50.4	30.0	40.2	70	11	12	6	0	1	20				0.37	0.16	18	2.91	7	0	0.2	0.2	18	2.7	2400
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	44.8	23.8	34.3	65	12	11	5+	0	3	26				0.54	0.27	19	2.21	4	0	0.3	0.3	3	1.8	0700
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	41.4	18.8	30.1	70	12	-5	5	0	9	25				2.23	0.43	11	7.24	18	0	23.0	4.0	24	107.3	0800
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	46.6	27.4	37.0	69	11	11	5	0	3	23	48	W	12	0.35	0.12	18	2.90	7	0	0.7	0.3	3	3.0	2400

**ACON MD / DE / DC
FEBRUARY 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>Montgomery, Maryland</i>																									
Berger, Ron	Norbeck 1 S	47.8	27.7	37.8	68	11	11	6	0	2	22				0.48	0.13	12+	3.37	10	0	1.0	0.7	3	3.2	2200
Cohen, Rob	Potomac 4 N	47.2	28.4	37.8	68	11	13	5	0	1	21				0.46	0.16	18	3.35	8	0	0.2	0.2	2	2.1	2100
Giannola, Rich	Olney 1 S	46.1	26.2	36.2	68	11	11	5	0	2	22				0.49	0.14	18+	3.29	7	0	0.9	0.5	3	3.5	2400
Holden, Richard	Clarksburg 2 ENE	46.8	27.5	37.2	68	11	11	5	0	2	23	58	W	12	0.48	0.14	18	3.03	9	0	2.7	0.8	2	6.4	2400
Roth, David	Montgomery Village 1SW	47.0	28.0	37.5	69	11	13	5	0	1	22	23		23	0.56	0.19	27	3.24	8	0					2400
Rossen, Stan	Glenmont 1 NNE	49.9	26.4	38.2	71	11	13	6	0	1	22	29		12	0.42	0.15	18	3.51	8	0	1.2	0.7	3	3.3	2400
Scafade, Tony	Bethesda	48.0	28.6	38.3	70	11	13	5	0	1	20	30	W	12	0.51	0.16	1	3.01	7	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	47.7	27.8	37.8	68	11	13	5	0	1	22				0.54	0.17	27	3.12	9	0	0.6	0.3	18	3.6	2400
Terry, Joe	Forest Glen	50.8	28.4	39.6	72	11	14	5+	0	1	21	41	WSW	12	0.40	0.15	18	3.61	7	0	1.1	0.5	3	3.7	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	50.9	31.0	41.0	71	11	14	5	0	1	19				0.46	0.18	18	3.52	8	0	0.6	0.3	18	3.5	2300
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood	51.3	29.9	40.6	73	11	12	5+	0	1	19				0.45	0.21	18	2.76	4	0	0.1	0.1	3	1.9	2400
Zyla, John	Ridge	49.7	32.3	41.0	73	8	12	6	0	1	16	40	NW	12	0.40	0.15	18	2.15	4	0	0.1	0.1	3	2.5	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	45.2	25.0	35.1	67	11	10	5+	0	3	23				0.56	0.17	18	2.90	6	0	1.0	0.5	2	7.4	2400
Keefer, Greg	Hagerstown 1 E	45.2	25.9	35.6	66	11	11	5	0	3	22	64	W	12	0.48	0.13	18	2.69	7	0	0.1	0.1	14	5.1	2400
Vaughn, Jim	Smithsburg 2 NE	44.1	27.5	35.8	65	11	10	5	0	4	21	66	W	11+	0.71	0.15	10+	2.70	9	0	2.5	1.1	2	9.9	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	50.5	25.5	38.0	69	8	6	6	0	1	21	48	NW	12	0.24	0.11	18	1.41	5	0	T	T	3+	1.5	2400
<i>Arlington, Virginia</i>																									
NWS Washington National Airport		49.5	30.1	39.8	72	11	15	5	0	1	20	51	WNW	12	0.35	0.14	18	3.03	6	0	0.1	0.1	4	2.0	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	48.8	27.1	38.0	71	11	10	6	0	1	22	49	NW	12	0.35	0.12	18	2.99	6	0	T	T	2+	2.0	2400
Shaffer, Lance	Sterling 4 N	49.0	28.6	38.8	69	11	14	5	0	1	21				0.68	0.19	18	3.46	8	0	0.6	0.3	18	3.4	2400
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	34.6	16.3	25.5	60	12	-6	5+	0	11	24				4.45	0.66	19	14.39	22	0	36.1	7.3	23	158.6	0700
SECTION AVERAGE*		47.3	27.2	37.3											0.50		3.12				1.9		21.1		

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 ENVIRONMENTAL 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 3/28/09

DELAYED DATA REV 05/12/09

ACON MD / DE / DC
FEBRUARY 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	31	AVG	OBS TIME
BEAR 2 SW, DE GALLAHER	55 21	55 28	36 30	31 24	24 11	38 12	57 17	64 36	50 23	53 31	68 41	60 43	45 39	44 24	42 26	39 28	42 20	46 19	49 26	35 24	41 25	43 31	36 26	38 20	46 15	50 21	66 30	54 38			46.7 26.0	2400 EST	
WILMINGTON , DE NWS NEW CASTLE CO APT	53 23	55 28	37 30	31 22	24 13	34 15	52 19	64 35	48 29	53 34	69 41	61 42	44 36	44 28	43 28	41 26	42 25	46 26	49 23	35 23	41 29	42 25	37 20	37 18	43 24	49 32	62 36	52 36			46.1 26.9	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	54 21	54 28	36 30	30 24	24 13	39 13	56 19	64 36	52 26	54 32	69 41	60 42	44 37	46 26	41 28	39 27	42 24	44 22	48 26	34 23	43 22	42 29	35 25	36 20	46 17	50 24	65 32	52 36			46.3 26.6	2400 EST	
TOWNSEND 4 W, DE U of D REC DEOS	56 26	53 31	35 27	30 24	24 13	37 14	57 19	62 37	48 27	54 31	67 40	62 43	45 31	42 25	41 27	38 25	40 22	46 28	48 26	34 23	41 23	43 29	35 25	35 20	45 17	51 31	64 39	53 33			45.8 26.9	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	58 23	61 36	40 29	34 25	27 14	42 12	61 24	68 43	52 30	64 36	71 55	65 47	51 37	50 27	45 27	42 31	43 26	52 26	38 29	45 25	50 31	38 28	39 21	49 18	62 28	69 46	57 35			50.9 29.6	2400 EST		
GEORGETOWN, DE U of D REC DEOS	57 23	59 36	39 28	33 24	26 13	41 11	59 25	67 41	52 27	64 37	68 54	65 46	49 35	48 26	43 27	41 27	42 23	51 23	51 28	36 24	43 21	49 30	36 27	37 20	48 16	59 29	66 45	56 34			49.4 28.5	2400 EST	
HARBESON 8 S, DE U of D REC DEOS	57 20	60 35	38 27	31 23	25 10	40 23	60 42	66 25	50 34	63 55	69 46	64 48	48 31	48 25	42 26	38 24	40 23	50 28	51 23	35 19	42 30	48 26	35 19	36 14	45 27	59 45	66 34	56 34			48.6 27.4	2400 EST	
FROSTBURG LATTA	38 7	48 31	35 21	27 11	20 1	19 1	19 17	41 37	56 25	49 25	47 34	50 38	64 29	44 21	38 19	32 19	29 13	36 12	43 25	31 11	29 10	38 11	26 15	38 8	21 9	31 17	47 37	53 23	59 23			38.5 18.8	0700 EST
LAVALE MULLINS**	55 25	36 30	32 22	27 15	21 7	45 14	62 38	58 34	52 27	39 33	69 39	48 34	43 33	34 25	36 26	35 25	40 18	37 25	35 17	30 17	40 17	32 28	32 21	36 15	47 17	57 33	59 38	37 31			41.9 25.1	2400 EST	
PASADENA 2 N HANSON	60 24	55 29	38 27	36 24	25 13	41 12	56 20	68 40	51 24	56 36	71 41	61 46	51 30	47 25	44 31	42 30	43 26	47 26	50 23	36 20	43 30	42 20	37 25	40 17	46 29	52 40	66 35	56 35			48.6 27.3	2400 EST	
LOTHIAN JUG BAY	38 20	64 21	59 33			41 10	46 19	64 39	69 24	54 33	66 43	74 54		60 23	52 24		47 17	48 24	49 33	30 23	38 18	50 25	44 27	38 21	42 15	51 29	59 39	69 36			52.2 27.1	0900 EST	
BALTIMORE NWS BWI APT	59 19	56 28	38 26	35 23	25 13	40 12	62 20	66 40	52 25	58 33	70 44	60 45	50 32	47 28	43 29	41 27	43 25	47 25	49 26	36 22	44 20	41 29	37 18	39 26	48 20	52 18	65 26	53 33			48.4 26.5	2400 EST	
LAUREL 2 E STOUDT	61 22	55 35	39 28	34 23	26 14	43 13	64 22	65 38	54 27	59 36	71 48	60 46	49 34	47 28	45 30	40 27	44 25	47 25	47 26	36 22	45 21	41 28	35 25	39 21	50 18	55 28	65 36	55 33			49.0 27.8	2400 EST	
OWINGS MILLS 2SE SHARROW	58 20	52 32	36 26	32 21	24 9	41 11	60 18	62 39	53 24	58 33	68 41	57 39	47 31	43 27	41 25	37 27	40 22	39 25	44 22	34 19	43 25	38 23	32 17	36 17	45 29	54 35	61 32	51 32			45.9 25.3	2400 EST	
BALTIMORE 2SE MANFRE	59 27	55 34	39 30	34 24	24 15	39 20	54 28	64 43	50 34	56 38	71 46	61 47	49 39	48 33	43 32	42 32	44 28	48 31	49 27	37 24	46 26	42 30	36 25	40 23	47 27	51 34	66 41	56 35			48.2 31.2	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER	59 27	55 34	39 30	34 24	24 15	40 20	54 28	65 43	49 34	56 38	70 46	60 47	49 39	46 33	43 32	41 32	44 28	47 31	49 27	37 24	44 26	41 30	36 26	39 23	45 27	50 34	65 41	56 35			47.8 31.2	2400 EST	
MANCHESTER 1SW CLOSE	53 21	50 29	35 24	32 16	22 6	40 9	57 24	61 34	51 28	52 33	64 43	57 39	44 30	42 29	41 22	37 22	41 18	40 24	40 17	32 17	41 24	39 18	33 14	36 20	46 29	56 29	56 36	48 30			44.6 24.1	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	55 18	48 32	37 30	33 21	21 8	38 9	56 20	61 48	49 25	56 33	67 45	61 43	46 36	47 26	39 24	38 27	37 18	36 25	46 35	32 19	41 20	39 29	33 22	35 15	46 15	53 27	62 37	55 31			45.3 26.4	1800 EST	
MILLERS 4NE MILLER	55 21	50 33	35 29	30 19	25 8	39 11	57 21	59 45	49 24	54 33	64 41	62 45	45 36	40 24	39 25	36 26	39 20	35 26	44 27	31 18	41 19	36 29	31 23	35 15	46 15	56 30	57 37	56 31			44.5 26.1	1800 EST	
WESTMINSTER CITY MULLER	56 23	47 33	33 28	28 20	25 10	40 13	57 23	54 44	44 26	55 36	68 46	62 44	44 37	40 26	38 26	40 27	41 23	41 27	40 26	30 19	43 27	38 24	36 17	47 18	57 32	59 39	57 33			44.6 27.4	1900 EST		
BRYANS ROAD 2 ESE BRUMBACK	62 26	57 30	41 29	35 25	26 14	46 12	65 25	68 48	52 32	62 38	70 50	61 48	50 35	48 28	43 31	39 26	45 31	49 27	50 23	40 20	47 29	43 26	37 22	41 22	53 18	61 35	66 49	53 34			50.4 30.0	2400 EST	
EMMITSBURG 2 SE GLASS	29 16	54 23	50 28	39 23	32 11	23 21	41 21	60 27	60 25	50 23	48 31	65 38	52 25	46 28	42 26	42 27	39 23	40 22	43 22	35 20	43 25	43 18	40 18	34 18	38 18	48 30	55 31	59 31			44.8 23.8	0700 EST	
EAGLE ROCK HARVEY	40 4	50 32	32 16	28 6	22 -5	28 0	46 20	54 42	50 28	50 38	60 42	70 30	42 28	40 20	40 20	34 18	48 9	44 24	48 22	26 4	30 10	42 14	22 10	20 4	36 10	58 30	60 30	58 20			41.4 18.8	0800 EST	
LAUREL JHU / APL GIANNOLA	59 24	52 32	37 27	31 20	22 11	42 13	60 23	63 39	52 27	57 36	69 49	58 44	46 32	45 29	40 28	37 28	42 23	46 28	47 23	33 20	43 24	40 27	32 22	36 19	49 18	54 30	62 40	51 32			46.6 27.4	2400 EST	

**ACON MD / DE / DC
FEBRUARY 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	31	AVG	OBS TIME
NORBECK 1 S BERGER	57 21	53 33	38 28	32 23	24 12	40 11	60 23	64 42	52 26	58 36	68 47	65 47	50 33	46 26	42 27	40 27	43 22	46 27	47 26	35 21	45 23	39 29	35 24	38 19	50 17	55 32	62 40	54 34			47.8 27.7	2200 EST	
POTOMAC 4N COHEN	57 21	52 29	40 30	33 25	41 13	59 14	63 24	51 40	57 26	68 38	64 47	64 35	47 26	46 28	40 30	38 23	40 29	44 29	47 27	35 22	44 20	38 22	34 30	36 25	49 19	55 31	62 41	56 35			47.2 28.4	2100 EST	
OLNEY 1 S GIANNOLA	55 22	52 31	38 27	32 21	24 11	41 12	> >	63 22	51 26	58 36	68 46	58 44	48 29	45 25	41 26	39 26	41 20	44 28	45 24	34 20	43 20	39 27	33 23	37 19	48 18	55 32	61 40	52 33			46.1 26.2	2400 EST	
CLARKSBURG 2ENE HOLDEN	59 25	51 32	39 26	32 18	24 11	42 14	62 30	63 37	52 32	54 36	68 50	58 43	48 30	42 28	41 25	38 27	42 21	45 29	47 23	34 20	45 22	39 26	34 21	37 17	49 25	57 32	59 41	48 28			46.8 27.5	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	58 22	52 30	39 28	33 21	24 13	41 14	61 23	62 38	57 27	57 38	69 46	59 46	48 32	45 28	40 28	38 30	41 24	47 31	47 25	35 22	44 22	39 28	34 24	36 21	49 19	55 34	61 41	51 32			47.0 28.0	2400 EST	
GLENMONT 1NNE ROSSEN	62 19	54 28	41 27	34 21	26 14	45 13	63 21	67 36	57 25	60 34	71 43	59 45	52 29	47 26	44 28	40 26	45 23	46 26	50 25	39 22	49 22	41 29	37 24	40 21	53 18	59 28	64 34	53 33			49.9 26.4	2400 EST	
BETHESDA SCAFIDE	60 25	54 33	39 26	33 20	25 13	43 15	62 26	65 38	52 30	59 40	70 49	58 45	49 32	47 28	41 28	39 24	42 31	46 25	48 22	36 28	45 22	40 28	35 23	38 20	50 21	56 33	62 43	51 33			48.0 28.6	2400 EST	
GAITHERSBURG 2WNW SHAW	59 22	52 29	39 28	33 21	25 13	43 14	62 23	64 36	53 26	57 36	68 42	57 46	49 31	45 27	41 29	39 30	42 24	46 32	48 25	36 22	44 21	41 29	35 24	39 21	50 19	56 34	61 43	51 32			47.7 27.8	2400 EST	
FOREST GLEN TERRY	62 24	58 32	41 27	36 22	27 14	43 14	63 25	69 39	57 28	61 38	72 48	60 45	52 31	47 27	46 29	43 28	47 24	47 30	50 25	39 22	48 23	43 28	39 24	42 21	53 20	59 35	64 40	54 33			50.8 28.4	2400 EST	
OXON HILL SMITH	62 28	57 35	42 29	35 23	27 14	45 17	64 26	68 44	54 32	61 38	71 52	66 49	52 38	49 29	44 30	41 31	45 26	48 32	51 28	40 22	47 24	42 29	37 25	41 22	53 21	60 37	66 51	58 37			50.9 31.0	2300 EST	
HOLLYWOOD ABELL	62 30	61 37	41 27	34 23	27 12	44 12	64 25	71 43	53 30	66 39	73 57	65 48	52 33	48 27	46 32	41 30	45 21	49 30	53 28	40 22	45 20	44 29	38 27	41 21	49 18	61 34	66 48	56 33			51.3 29.9	2359 EST	
RIDGE ZYLA	61 33	57 36	41 31	33 19	26 13	40 12	61 47	72 47	67 32	68 38	69 55	64 55	55 43	47 32	43 29	40 25	41 29	50 36	55 29	40 23	42 27	45 29	40 26	40 23	46 34	55 36	65 49	49 35			49.7 32.3	2400 EST	
SMITHSBURG 1.5 SW HUTTO	58 28	44 27	37 25	30 16	21 10	42 10	63 20	60 35	51 23	47 32	67 39	57 43	44 31	43 23	39 25	37 26	42 17	42 31	43 23	33 20	44 20	40 25	31 21	37 17	50 15	60 36	60 33	44 29			45.2 25.0	2400 EST	
HAGERSTOWN 1E KEEFER	59 26	44 29	39 26	31 16	22 11	41 12	64 23	61 36	51 25	48 35	66 40	57 44	45 30	41 25	40 26	37 27	40 19	42 31	44 23	33 20	43 18	39 27	30 21	36 16	48 17	59 38	61 35	44 30			45.2 25.9	2400 EST	
SMITHSBURG 2 NE VAUGHN	57 32	49 31	35 25	29 15	21 10	40 15	60 27	59 39	47 29	50 40	65 43	57 42	44 34	40 27	38 24	35 27	39 20	45 31	45 23	31 20	41 21	40 25	29 22	35 17	48 20	56 38	58 42	42 30			44.1 27.5	2400 EST	
SALISBURY NWS WICOMICO CO APT	59 20	60 39	40 19	34 17	26 7	42 6	60 19	69 44	52 21	66 33	68 56	65 47	51 32	50 20	45 24	42 25	42 19	51 19	53 28	38 24	43 14	49 30	38 26	38 14	49 11	59 19	67 45	57 35			50.5 25.5	2400 EST	
WASH NATIONAL NWS ASOS	61 26	57 32	42 29	36 23	26 15	42 17	59 27	67 40	52 30	59 38	72 45	60 48	51 36	48 31	43 31	41 26	42 32	49 27	50 23	39 25	45 30	42 25	37 27	39 24	50 22	57 35	66 42	55 33			49.5 30.1	2400 EST	
WASH DULLES NWS ASOS	61 20	53 29	39 27	34 21	25 12	44 10	65 21	66 41	54 26	58 37	71 46	50 46	48 28	42 24	39 28	42 29	47 23	49 30	37 25	46 21	41 16	35 29	39 24	52 19	58 15	62 34	51 46			48.8 27.1	2400 EST		
STERLING 4 N SHAFFER	61 22	53 30	39 28	35 24	26 14	45 15	64 24	67 42	55 27	57 36	69 43	59 47	50 33	47 28	43 30	39 30	44 25	47 30	49 29	38 23	48 21	42 30	35 27	39 23	51 19	57 31	60 37	52 33			49.0 28.6	2400 EST	
DAVIS 3 SE WV LESHER	35 1	43 25	29 16	20 5	11 -6	16 -6	41 16	51 40	47 27	54 29	60 43	49 33	35 25	34 23	42 19	22 16	20 4	37 6	41 25	37 14	41 38	27 12	28 8	46 3	46 3	52 21	51 36			34.6 16.3	0700 EST		

**ACON MD / DE / DC
FEBRUARY 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	31	TOTAL	OBS TIME
BEAR 2 SW, DE GALLAHER			0.09 1.0	0.02 0.4	0.1						0.04			T				0.18 T	0.01			0.04				T	T	0.01			0.39 1.5	2400 EST	
WILMINGTON, DE NWS NEW CASTLE CO APT		T	0.05 1.0	0.02 0.4	T 0.1						T	T		T				0.17 T	T			0.04 T			T	0.02	T				0.30 1.5	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS			0.05								0.02				0.01			0.20	0.01			0.02					0.01				0.32	2400 EST	
TOWNSEND 4 W, DE U of D REC DEOS			0.07	0.01														0.25				0.06									0.39	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT			0.03	T	T						T			T				0.11	0.01			0.06				0.01	0.07				0.29 -	2400 EST	
GEORGETOWN, DE U of D REC DEOS			0.06															0.09	0.01			0.06					0.08				0.30	2400 EST	
HARBESON 8 S, DE U of D REC DEOS			0.08															0.09				0.08					0.09				0.34	2400 EST	
FROSTBURG LATTA			0.02 0.8	T 0.2	T 0.1						0.46	0.15			0.04 0.6		T T	T T	0.49 0.2	0.06 1.0	T T	T T	0.04 1.8	T 0.4		T T	0.08				1.34 5.1	0700 EST	
LAVALE MULLINS**		0.02 0.5								0.36	0.08			0.02 0.1		T T		0.46 0.2	0.01 0.2			T 0.1	0.02 0.7			0.01	0.04				1.02 1.8	2400 EST	
PASADENA 2N HANSON			0.09	0.01							0.01	0.01						0.18	0.01			0.02					0.01				0.34 0.0	2400 EST	
LOTHIAN JUG BAY																		0.13	0.12	0.04			0.02				T				0.31 0.0	0900 EST	
BWI NWS ASOS		T T	0.04 T	T 0.4				T			0.08			T				0.12 0.2	T			T				T	0.01	0.01			0.26 0.6	2400 EST	
LAUREL 2 E STOUDT		T	0.07 0.2	0.01 0.1							0.07			T				0.21 0.1	T			0.02 T					0.02	0.02				0.42 0.4	2400 EST
OWINGS MILLS 2SE SHARROW		T T	0.04 0.6	0.03 1.0				T			0.04			T T				0.12 0.6	T T			0.02 T				T	T	T			0.25 2.2	2400 EST	
BALTIMORE 2SE MANFRE			0.01 T	0.03 0.5							0.11			T				0.11 T	T			0.01					0.09	0.01			0.37 0.5	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER			0.01	0.01							0.10							0.11				0.01					0.09	0.01			0.34 -	2400 EST	
MANCHESTER 1SW CLOSE		0.02 0.6	T 0.3	0.10 1.8				T		0.02	0.03			0.04 1.0	T T			0.15 0.9	T T			0.01 0.1				0.15					0.52 4.7	2300 EST	
WESTMINSTER 4 SSE HARTSOCK			0.02 0.6	0.04 1.2						0.01		0.10		0.05 0.4				0.13 1.0	0.02			0.01 T					0.11	0.07			0.56 3.2	1800 EST	
MILLERS 4NE MILLER		T T	0.08 1.0	0.11 2.0					0.05	0.01	0.05			T T	0.05 0.8			0.17 0.6	0.02 T			0.05 0.2				T	0.08	0.08			0.75 4.6	1800 EST	
WESTMINSTER CITY MULLER		T T	0.03 0.2	0.09 1.4						0.03	T	0.05		0.07 0.4	T T			0.14 0.8	0.02 T			0.03 0.1				0.10	0.14				0.70 2.9	1900 EST	
BRYANS ROAD 2 ESE BRUMBACK		T T	0.03 T	T T						0.02								0.16 0.2	0.06			0.03 T				0.06	0.01				0.37 0.2	2400 EST	
EMMITSBURG 2 SE GLASS			0.01 0.3							0.16									0.27								0.10				0.54 0.3	0700 EST	
EAGLE ROCK HARVEY		T T	0.12 1.0	0.01 2.0	0.04 1.0	0.02 2.0		0.07		0.43	0.27			0.13 1.0	0.01 1.0	T 1.0	0.10	0.25 1.0	0.03 3.0	0.30 3.0	0.04	0.12 2.0	0.02 4.0	0.10 1.0	T		0.17			2.23 23.0	0800 EST		
LAUREL JHU / APL GIANNOLA		0.02 0.2	0.03 0.3	T T						0.08								0.12 0.2				0.02 T	T T			T	0.05	0.03			0.35 0.7	2400 EST	

**ACON MD / DE / DC
FEBRUARY 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	31	TOTAL	OBS TIME
NORBECK 1 S BERGER		0.02 0.1	0.05 0.7	0.01 0.1				0.01				0.13		0.01				0.13 0.1				0.04 T				0.06	0.02				0.48 1.0	2200 EST	
POTOMAC 4N COHEN	T	0.02 0.2	0.01 T	T				0.01		T		0.16		T				0.16	0.03			0.04 T				0.03					0.46 0.2	2100 EST	
OLNEY 1 S GIANNOLA		> >	0.04 0.5	0.01 0.3						T	0.10			T				0.14 0.1				0.02 T	T			0.14	0.04 T				0.49 0.9	2400 EST	
CLARKSBURG 2ENE HOLDEN		0.06 0.8	0.01 0.2	0.01 0.3						T	0.06			0.03 0.2		T	T	0.14 0.6	T			0.03 0.2	T			0.08	0.06 0.4				0.48 2.7	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW		0.05									0.01	0.05		0.01				0.18				0.05				0.19	0.02				0.56 0.0	2400 EST	
GLENMONT 1NNE ROSSEN		0.01 T	0.05 0.7	T 0.2				T			0.11			T				0.15 0.2	0.01			0.03 T				0.05	0.01 0.1				0.42 1.2	2400 EST	
BETHESDA SCAFIDE	0.16	0.01	0.06								0.10							0.13				0.03				0.02					0.51 -	2400 EST	
GAITHERSBURG 2WNW SHAW		0.03 T	0.01 0.2	T T							0.01	0.10		T		T	T	0.15 0.3	0.02			0.01 T	T			0.17	0.04 0.1				0.54 0.6	2400 EST	
FOREST GLEN TERRY		T	0.05 0.5	0.01 0.2							0.12			T				0.15 0.2	T			0.03 T				0.01	0.03 0.2				0.40 1.1	2400 EST	
OXON HILL SMITH		T	0.07 0.1	0.01 0.2				T			0.07			T		T		0.18 0.3	0.01			0.03 T				0.08	0.01 T				0.46 0.6	2300 EST	
HOLLYWOOD ABELL			0.08 0.1	T T				T								T	T	0.21 T	T			0.09 T				T	0.07				0.45 0.1	2359 EST	
RIDGE ZYLA			0.04 0.1	T T												T	T	0.15 T				0.13 T				T	0.08				0.40 0.1	2400 EST	
SMITHSBURG 1.5 SW HUTTO		0.03 0.5		0.2				T		0.08	0.12			0.05 0.3				0.17 T								0.11					0.56 1.0	2400 EST	
HAGERSTOWN 1E KEEFER		0.03	T	T				T		0.07	0.12			0.04 0.1				0.13	0.01			T	T			0.08					0.48 0.1	2400 EST	
SMITHSBURG 2 NE VAUGHN		0.10 1.1		0.01 0.1						0.15	0.15			0.08 0.9				0.15 0.2	T			0.01 0.1	0.01 0.1			0.05					0.71 2.5	2400 EST	
SALISBURY NWS WICOMICO CO APT			0.01 T	T T						T								0.11	T			0.04 T				0.01	0.07				0.24 T	2400 EST	
WASH NATIONAL NWS ASOS		T	0.03 T	T 0.1				T			0.06			T				0.14 T	T			0.03 T			T	0.05	0.04 T				0.35 0.1	2400 EST	
WASH DULLES NWS ASOS		0.03 T	T T					T		T	0.09			T		T		0.12 T	T			0.02 T			T	0.05	0.04 T				0.35 T	2400 EST	
STERLING 4 N SHAFFER		> >	0.13 0.3					T		0.02	0.10							0.19 0.3	0.01 T			0.03 T				0.16	0.04 T				0.68 0.6	2400 EST	
DAVIS 3 SE WV LESHER	0.04 0.6		0.37 4.1	0.19 2.5	0.37 4.7	0.01 0.2		0.14	0.05		0.20	0.19 T	0.02 0.1	T T	0.09 0.8	0.11 1.5	0.14 1.7	0.10 0.4	0.66 2.3	0.57 5.6	0.07 0.9	0.14 1.7	0.51 7.3	0.11 1.7		0.08	T	0.29		4.45 36.1	0700 EST		