



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

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

WARM MONTH - ONE SIGNIFICANT SNOWFALL

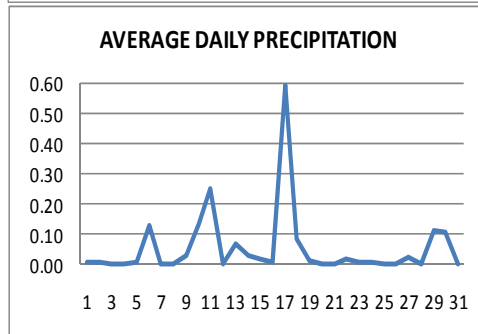
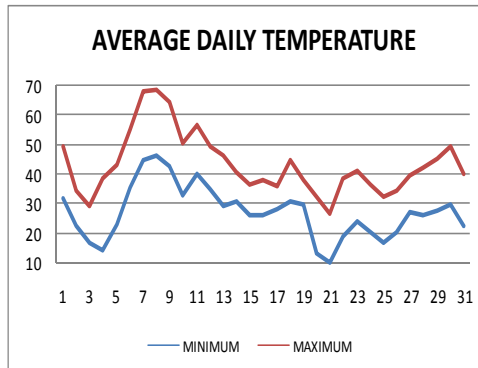
The second month of the 2007-08 winter season was warm and dry. This followed a warm, wet December. Temperatures the first half of the month averaged well above normal while the second half temperatures were more seasonal. There was only one 1"+ snow event. One third to one half of the months precipitation fell during this snow event on the 17th.

The New Year came in mild but by the afternoon strong winds gusting to 30+ mph dropped temperatures into the 30's. Temperatures failed to rise above freezing for the second time this winter on the 3rd.

Light rain showers fell on the 5th and 6th. Unseasonal warm temperatures occurred from the 7th to the 9th. Maximum temperatures were in the 60's and 70's and minimum temperatures were in the 40's and 50's across most of the two state region. Temperatures slowly fell from the 10th to the 15th to more seasonal levels. The slow fall was accompanied by light rain on the 10th, 11th, 13th and 14th.

Most locations had their only one inch plus snowfall on the 17th. Snowfall amounts ranged from 1 to 5 inches. Wet snow changed to sleet and rain except in North Central and Western Maryland east of the mountains where it ended as light freezing rain.

Windy and much colder on the 20th. Single digit temperatures were common on the 21st. Temperatures failed to rise above freezing for only the second time this month on the 21st. Light snow



ACON MD/DE Network
Daily average temperatures and precipitation based on observation times, not calendar days.

fell in the southeastern area on the 24th.

For details from ACON observers see the Observer Comments Section.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	75
Bryans Road 2 ESE	75

MINIMUM TEMPERATURE

Davis 3 SE WV	-5
Eagle Rock	-2
Frostburg	2

WARMEST AVG. TEMP.

Ridge	39.6
Hollywood	39.3

COLDEST AVG. TEMP.

Davis 3 SE WV	23.5
Eagle Rock	26.7
Frostburg	27.5

MAXIMUM PRECIPITATION

Davis 3 SE WV	7.21
Eagle Rock	5.34
Frostburg	2.29

MINIMUM PRECIPITATION

Bethesda	1.21
Owings Mills 2 SE	1.26

MAXIMUM SNOWFALL

Davis 3 SE WV	52.2
Eagle Rock	30.2
Frostburg	9.8

MINIMUM SNOWFALL

UofD Res. Ctr G'town DE	1.0
Bryans Road 2 ESE	1.7

OBSERVER COMMENTS CONT. FROM PAGE 2

Greg Keefer of Hagerstown 1 E (Cont.)

14th - Some wet snow and rain showers early this morning. No snow accumulation.

17th - Snow began around 10 AM. Wet snow fell most of the day ended by early evening them some freezing rain fell for awhile with a light coating of ice.

20th - Windy and much colder. Temp rapidly fell from 28 at midnight into the lower teens with WNW winds gusting to 30+ mph.

Jim Vaughn of Smithsburg 2 NE

7th - Record daily maximum and minimum temperatures.

Lance Shaffer of Sterling 4 N VA

15th - Snow squall, 0.2" fell.

17th - Snow changed to sleet and rain.

Dave Leshar of Davis 3 SE WV

7th - 13th - Snow depth 0"

25th - Month max snow depth 13".

OBSERVER COMMENTS FOR JANUARY 2008

Gary Gallaher of Bear 2 SW, DE

17th - Wet snow accumulated to 2.6" before changing to rain. Wet flakes increased to one inch plus during the evening rush hour just before changing to rain.

22nd - Afternoon light rains on freezing ground lead to patchy icy roads during the evening.

Nate Mullins of LaVale

8th - Heavy AM fog becoming mostly sunny, warm.

11th - Heavy rain overnight tapering off in the morning.

17th - Steady snow occasionally mixed with sleet.

29th - AM rain and freezing rain.

Jeff Stoudt of Laurel 2 E

6th - Period of rain toward dawn.

15th - Few flurries

17th - Wet snow late morning changed to rain early afternoon.

Marty Sharrow of Owings Mills

2nd - AM flurry, sun & clouds, windy, colder.

7th - Morning clouds, PM sun, much warmer.

17th - Snow, then sleet, freezing rain. Rain at night.

21st - Ineffective sunshine and bitter cold.

Joe Manfre of Baltimore 2SE

2nd - Variable clouds, windy, cold.

8th - Partly cloudy, warm, AM fog, breezy afternoon.

29th - Light rain showers AM, afternoon, late PM.

Greg Klein of Westminster 5 SSE

30th - Intense snow squall dropped nearly an inch in 20 minutes starting at 3:45pm.

Ralph Hartsock of Westminster 4 SSE

9th - Early showers, clearing, windy.

14th - Cloudy, rain and snow showers.

17th - Heavy snow, late change over to sleet.

18th - Sunny, nice.

20th - Very cold. Carry over high. Temps in the teens.

21st - Very cold, Sunny.

Bobby Miller of Millers 4 NE

Third driest January in 26 years of records.

7th - 69° tied January all-time maximum set on 1/29/2002.

17th - Moderate snow, heavy periods of snow pellets and sleet 5 - 6 PM. Glaze during the evening.

19th - Considerable high and mid clouds, virga.

21st - Mostly clear. High barometric pressure of 30.78"

Marty Brumback of Bryans Road 2 ESE

17th - Light snow, small flakes, began at 9:54 AM. Became moderate with larger flakes at approx 10:25 AM. At approx 12:25 PM sleet began to mix with the snow. Rain began to mix with snow and sleet at 12:40 PM and by 12:50 PM only rain was falling.

19th - Snow approx 10:00 PM to 10:45 PM. A very brief period of sleet mixed with the light snow.

Eric Glass of Emmitsburg 2 SE

23rd - Clear, bright full moon.

29th - Light rain.

Rebecca Harvey of Eagle Rock

16th - Month max snow depth 10".

18th - Glaze.

Rich Giannola of JHU/APL

8th - Shallow, patchy ground fog at 7:00 AM.

17th - Snow during day followed by evening light rain.

29th - Light rain shower during day with some light freezing rain 6:45 - 9:00 AM.

Rob Cohen of Potomac 4 N

2nd - Flurry ~6:30 AM.

7th, 8th & 9th - Record maximum temperatures

15th - Snow shower ~ noon.

17th - AM snow, mix to rain afternoon.

20th - Cold. Afternoon maximum 22°.

Rich Giannola of Olney 1 S

17th - SN began ~9:00 AM, SNPL ~1:45 PM with 4.8" SN. Precipitation changed back to SN by 2:25 PM, then changed to RAPT by 4:25 PM. Additional SN totaled 0.2".

Stan Rossen of Glenmont 1 NNE

8th - Clouds high and thin. Very warm 72°.

17th - Heavy snow, sleet, and rain.

Kevin Shaw of Gaithersburg 2 WNW

7th & 8th - Extreme record warmth, 69° sunny.

9th - Record warmth 64°

17th - Snow develops mid-morning, changes to sleet / freezing rain mid afternoon.

29th - Cloudy, occasional light rain, snow pack all gone.

Joe Terry of Forest Glen

15th - Towering CU appeared on the SW horizon by 1000 AM followed by brief, but heavy snow showers around 1200.

17th - Light to moderate snow mid morning until changing to sleet by 1315. Change over to rain ~ 1600. Moderately thick drizzle during the evening. Temperatures never fell below freezing.

21st - 30.80" Highest barometric pressure since 1/28/05.

Brian Smith of Oxon Hill

17th - Light snow 1000 - 1300, heavy sleet 1300 - 1400, light rain 1400 - 2400.

20th - Day maximum temperature 25°

Floyd Abell of Hollywood

8th - Fair, breezy, warm.

15th - Afternoon heavy gusty snow shower.

17th - Late morning snow, afternoon and evening rain.

24th - Afternoon snow showers.

John Zyla of Ridge

19th - Snow most of day, from 2:40pm to 2:40am with 1.1" total snow accumulation. .

Max Hutto of Smithsburg 1.5 SW

1st - Cloudy, very windy, with falling temperatures.

17th - Snow mid AM thru evening changed to freezing rain.

20th - Very cold and windy with falling temperatures

Greg Keefer of Hagerstown 1 E

3rd - Cold and windy. NW winds to 30 MPH.

7th - Record warmth 70°. Old record 69 set in 1907.

Observers Comments 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
JANUARY 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	43.1	25.4	34.3	66	8	12	4	0	2	24	45	W	30	1.61	0.64	17	1.61	12	0	2.8	2.6	17	6.9	2400
NWS Wilmington	New Castle Co. Apt.	43.6	27.7	35.7	66	7+	15	21	0	2	22	49	W	30	1.57	0.61	17	1.57	12	0	2.8	2.6	17	6.9	2400
U of DE DEOS	UofD AG Farm Newark, DE	42.7	26.0	34.4	65	7+	13	21	0	2	24	28		30	1.84	0.44	18	1.84	11	0					2400
U of D Townsend Farm	Townsend 4 W	42.9	26.5	34.7	67	8	12	4	0	4	23				1.80	0.83	17	1.80	10	0					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	46.2	28.0	37.1	69	8+	11	21	0	3	21	41	W	30	1.98	0.66	17	1.98	10	0					2400
U of D Research & Ed Ctr	Georgetown	45.8	27.9	36.9	69	9	13	4	0	3	22				1.92	0.60	17	1.92	11	0	1.0	1.0	17	4.0	2400
U of D Warrington Farm	Harbeson 8 S	45.5	26.6	36.1	69	8+	9	21	0	4	22				1.51	0.46	17	1.51	10	0					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	34.8	20.2	27.5	66	9	2	20+	0	14	28				2.29	0.84	11	2.29	14	0	9.8	3.2	18	20.9	0700
Mullins, Nate**	LaVale	38.7	25.0	31.9	69	7	6	21	0	7	24				2.28	1.11	11	2.28	6	1	3.5	3.0	17	9.3	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	44.8	26.7	35.8	71	7+	9	21	0	2	24	44	W	30	1.64	0.55	17	1.64	11	0	2.5	2.5	17	6.8	2400
Jug Bay Wetlands	Lothian	47.0	25.9	36.5	75	8	9	21	0	1	21				1.33	0.80	18	1.33	8	0	M			2.0	0900
NWS Baltimore	BWI Airport	44.5	26.3	35.4	70	7+	8	20	0	2	24	49	W	30	1.47	0.77	17	1.47	11	0	2.4	2.4	17	7.2	2400
Stoudt, Jeff	Laurel 2 E	44.5	28.7	36.6	69	7+	13	21	0	2	23				1.31	0.66	17	1.31	9	0	2.5	2.5	17	7.0	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	40.5	25.3	32.9	65	7	8	21	0	4	26				1.26	0.66	17	1.26	7	0	4.0	4.0	17	8.4	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	45.5	31.9	38.7	72	8	15	21	0	3	16				1.56	0.80	17	1.56	10	0	2.2	2.2	17	6.3	1800
Maryland Science Ctr	Baltimore Inner Harbor	44.9	32.0	38.5	71	8	16	21	0	2	16				1.44	0.77	17	1.44	8	0					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	41.5	26.4	34.0	70	7	8	20+	0	6	23				1.31	0.61	17	1.31	10	0	5.0	5.0	17	13.3	2300
Hartsock, Ralph	Westminster 4 SSE	41.7	25.2	33.5	70	7	3	21	0	5	25	48		9+	1.63	0.75	17	1.63	8	0	4.6	4.6	17	9.7	2100
Klein, Greg	Westminster 5 SSE	39.9	25.5	32.7	63	7+	7	21	0	6	24				1.48	0.59	17	1.48	9	0	5.7	5.7	17	12.5	2200
Miller, Bobby	Millers 4 NE	41.0	25.7	33.4	69	7	6	21	0	6	24				1.48	0.44	17	1.48	9	0	4.8	4.8	17	12.3	1800
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	47.1	30.2	38.7	75	7	9	21	0	1	21	37		8	1.55	0.67	17	1.55	9	0	1.7	1.6	17	3.5	2400
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	41.7	24.1	32.9	69	8	7	21	0	27	27				0.68	0.30	30	0.68	3	0	2.5	2.5	18	6.5	0630
Lawrence, Bryon	Frederick 3 WNW	42.0	25.8	33.9	70	7	8	20+	0	4	26				1.58	0.49	17	1.58	10	1	4.0	4.0	17	8.9	2300
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	35.8	17.6	26.7	68	9	-2	20+	0	13	26				5.34	1.20	11	5.34	19	2	30.2	5.0	15+	62.7	0800

**ACON MD / DE / DC
JANUARY 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>	42.9	27.8	35.4	71	7	9	21	0	4	23	51	W	30	1.43	0.81	17	1.43	9	0	5.0	5.0	17	9.0	2400
Cohen, Rob	Potomac 4 N	42.9	27.8	35.4	68	8	10	21	0	4	22				1.66	0.79	17	1.66	8	0	4.4	4.4	17	8.6	2100
Giannola, Rich	Olney 1 S	42.8	26.5	34.7	69	7+	8	21	0	4	23				1.49	0.81	17	1.49	8	0	5.0	5.0	17	9.5	2400
Holden, Richard	Clarksburg 2 ENE	42.7	28.0	35.4	69	7	9	21	0	4	22	48		30	1.42	0.71	17	1.42	8	0	5.0	5.0	17	10.0	2400
Roth, David	Montgomery Village 1SW	43.0	27.8	35.4	69	7	10	21	0	3	23				1.44	0.63	17	1.44	9	0					2400
Rossen, Stan	Glenmont 1 NNE	45.2	26.0	35.6	72	7+	8	21	0	2	24	23		8	1.51	0.80	17	1.51	10	0	4.8	4.5	17	9.7	2400
Scafide, Tony	Bethesda	43.8	28.9	36.4	70	7+	12	21	0	3	24	22		30	1.21	0.58	17	1.21	9	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	43.9	27.3	35.6	69	7+	10	21	0	2	25				1.33	0.65	17	1.33	9	0	4.6	4.6	17	8.7	2400
Terry, Joe	Forest Glen	46.4	28.6	37.5	73	7	11	21	0	1	23	40	WSW	30	1.38	0.81	17	1.38	10	0	3.8	3.7	17	8.0	2400
	<u>Prince Georges, Maryland</u>																								
Smith, Brian	Oxon Hill	46.9	31.5	39.2	73	7	17	4+	0	2	19				1.77	0.84	17	1.77	9	0	2.3	2.2	17	4.6	2300
	<u>St. Marys, Maryland</u>																								
Abell, Floyd	Hollywood	47.5	31.0	39.3	72	7+	10	21	0	1	20	41		30	2.07	0.85	17	2.07	9	0	1.9	1.0	17	2.7	2400
Zyla, John	Ridge	46.7	32.4	39.6	71	7+	15	21	0	2	18	32	S	29	1.87	0.98	17	1.87	10	0	2.1	1.0	19	3.2	2400
	<u>Washington, Maryland</u>																								
Hutto, Max	Smithsburg 1.5 SW	42.1	25.8	34.0	70	7	10	4+	0	5	26	45	WNW	30	1.32	0.40	11	1.32	9	0	3.0	3.0	17	7.3	2400
Keefer, Greg	Hagerstown 1 E	41.6	25.8	33.7	70	7	10	21	0	5	26	52	W	30	1.68	0.54	29	1.68	9	0	3.4	3.4	17	7.5	2400
Vaughn, Jim	Smithsburg 2 NE	41.5	28.1	34.8	69	7	11	21	0	5	25	56	W	30	1.66	0.55	29	1.66	8	0	3.2	2.5	17	7.5	2400
	<u>Wicomico, Maryland</u>																								
NWS Salisbury	Wicomico Co. Apt	46.5	23.9	35.2	70	9	6	21	0	4	26	41	WNW	2	1.48	0.71	17	1.48	12	0	1.3	0.8	24	1.3	2400
	<u>Arlington, Virginia</u>																								
NWS Washington Nationa	National Airport	47.6	32.4	40.0	73	8	18	21	0	1	15	40	NW	2	1.37	0.75	17	1.37	7	0	1.3	1.3	17	1.3	2400
	<u>Loudon, Virginia</u>																								
NWS Washington Dulles	Dulles Airport	44.4	26.5	35.5	71	7	7	21	0	2	25	43	W	30	1.26	0.69	17	1.26	7	0	4.0	4.0	17	6.5	2400
Shaffer, Lance	Sterling 4 N	44.7	28.7	36.7	71	7	14	21	0	2	22				1.44	0.55	17	1.44	11	0	5.2	5.0	17	9.5	2400
	<u>Tucker, West Virginia</u>																								
Leshner, Dave	Davis 3 SE WV	30.7	16.2	23.5	59	9	-5	21	0	19	27				7.21	1.09	11	7.21	21	2	52.2	9.5	2	86.2	0700
SECTION AVERAGE*		43.5	27.1	35.3											1.64			1.64			4.4			9.5	

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 11/08/08

**ACON MD / DE / DC
JANUARY 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	30	31	AVG	OBS TIME	
BEAR 2 SW, DE GALLAHER	51 33	36 21	28 14	39 12	42 17	52 34	65 38	66 38	65 38	51 29	53 40	48 32	47 25	40 33	39 29	36 26	47 28	38 29	34 15	28 14	37 18	41 22	36 18	34 19	34 19	40 28	42 21	41 23	49 31	41 18	43.1 25.4	2400 EST		
WILMINGTON , DE NWS NEW CASTLE CO APT	52 32	37 21	28 18	39 16	41 22	50 35	66 40	66 39	66 42	50 33	55 41	50 34	48 30	40 33	37 28	40 29	36 33	47 31	38 16	35 15	28 22	43 27	37 24	34 19	34 20	33 19	41 27	44 24	41 27	50 31	42 23	43.6 27.7	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	51 28	35 20	27 16	38 15	42 19	53 34	65 39	65 38	64 42	50 32	57 39	48 34	46 28	39 32	36 26	39 27	46 27	46 33	36 29	35 14	36 13	41 17	36 24	33 21	33 19	30 19	34 28	39 23	42 25	41 29	48 22	41 22	42.7 26.0	2400 EST
TOWNSEND 4 W, DE U of D DE Townsend Farm	50 35	35 20	27 13	38 12		52 33	65 42	67 52	63 38	49 29	63 40	48 34	47 28	39 32	35 27	39 25	37 26	46 29	37 15	33 15	26 20	38 23	40 22	34 19	31 19	32 19	39 25	41 22	45 22	52 27	40 21	42.9 26.5	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	55 35	37 24	29 16	39 13	45 25	59 40	68 44	69 50	69 41	52 31	67 45	51 38	48 33	43 33	41 28	46 28	49 33	38 31	33 18	29 11	44 17	44 25	36 24	31 16	38 18	41 18	41 31	54 26	55 24	41 22	46.2 28.0	2400 EST		
GEORGETOWN, DE UofD RESEARCH & ED CTR	54 35	36 24	28 15	38 13	44 23	58 39	67 45	68 53	69 41	52 30	67 45	50 35	47 31	43 34	37 28	41 28	46 28	49 33	39 31	33 17	28 14	43 18	44 24	35 19	30 16	41 20	40 30	42 25	53 24	55 26	42 20	45.8 27.9	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	54 41	36 22	27 13	39 11		60 38	68 42	69 49	69 39	50 30	66 44	51 34	47 33	42 32	38 25	40 25	46 26	49 32	38 30	32 13	28 9	45 16	44 23	36 22	30 16	37 16	39 29	42 25	54 22	55 24	38 20	45.5 26.6	2400 EST	
FROSTBURG LATTA	41 28	33 13	21 9	18 9	34 15	44 32	54 43	65 43	66 45	47 28	40 28	48 30	41 27	36 28	29 19	22 18	31 19	35 24	35 19	30 2	9 2	23 2	37 16	26 11	28 5	20 6	25 19	29 22	41 21	42 26	28 16	34.8 20.2	0700 EST	
LAVALE MULLINS**	37 21	37 30	30 15	38 9	38 29	45 35	69 44	66 41	54 36	44 31	49 39	46 34	40 26	38 27	39 25	39 25	33 28	38 33	34 17	17 10	24 6	36 14	28 22	32 14	29 10	29 19	35 29	47 27	37 32	34 28	37 20	38.7 25.0	2400 EST	
PASADENA 2 N HANSON	53 34	35 24	31 18	41 15	43 19	54 36	71 41	71 40	66 38	51 31	55 41	52 33	47 29	43 32	39 24	42 27	36 31	47 30	39 13	34 9	29 24	38 23	43 24	37 19	33 20	35 27	42 20	45 26	51 32	42 20	44.8 26.7	2400 EST		
LOTHIAN JUG BAY	51 31	33 27	36 19	33 11		46 14		75 32	73 57	67 30	50 41	61 33	55 20		48 33		45 26	37 30	50 30	40 21	26 9		16 16	23 23	19 19	19 27	21 21	24 24	36 36	25 25	47.0 25.9	0900 EST		
BALTIMORE NWS BWI APT	51 34	35 22	31 18	40 15	43 19	56 35	70 42	70 39	64 39	49 31	57 40	51 33	46 27	44 30	38 27	42 28	35 29	48 30	39 30	34 13	28 8	39 15	43 23	39 20	33 18	34 20	42 27	43 24	44 30	50 22	42 22	44.5 26.3	2400 EST	
LAUREL 2 E STOUDT	52 34	35 23	31 19	41 18	45 22	55 37	69 43	69 49	64 42	50 35	55 41	52 34	46 30	42 32	37 28	42 29	35 31	46 32	39 15	33 13	29 21	38 25	43 19	39 24	33 29	36 27	43 29	46 30	50 31	42 24	44.5 28.7	2400 EST		
OWINGS MILLS 2SE SHARROW	46 30	34 20	27 15	37 14	41 21	51 33	65 40	64 42	59 40	48 32	50 37	46 32	43 28	39 30	34 25	37 25	33 27	41 30	36 28	32 10	26 8	37 13	37 23	35 18	29 15	33 20	37 25	39 23	45 27	37 30	40.5 25.3	2400 EST		
BALTIMORE 2SE MANFRE	53 36	36 24	32 21	42 22	43 28	56 37	71 45	72 43	65 48	51 41	58 41	52 43	47 38	45 35	39 30	44 30	44 33	37 34	40 35	36 17	28 15	41 24	44 32	39 28	32 22	36 27	41 32	45 31	51 33	44 30	45.5 31.9	1800 EST		
BALT INNER HARBOR MD SCIENCE CENTER	52 36	36 24	31 21	42 22	42 28	51 37	69 45	71 43	65 48	50 41	57 41	51 43	47 38	44 35	44 30	39 31	41 33	47 34	41 35	36 17	29 24	41 32	39 28	33 22	34 27	41 32	44 31	44 33	51 34	42 30	44.9 32.0	2400 EST		
MANCHESTER 1SW CLOSE	47 31	31 17	28 14	38 17	46 28	59 34	70 46	66 47	60 42	47 35	55 36	46 35	46 33	39 29	33 25	38 25	33 27	44 30	34 28	29 8	26 8	36 17	36 22	38 21	29 14	31 19	38 25	41 26	39 32	46 27	41.5 26.4	2300 EST		
WESTMINSTER 4 SSE HARTSOCK	45 31	34 23	26 14	38 12	44 20	57 33	70 43	66 40	63 47	50 31	54 37	46 34	46 26	41 32	36 24	38 24	31 26	41 29	39 11	23 3	38 14	37 26	35 15	27 14	36 19	37 25	40 23	40 20	45 34	38 19	41.7 25.2	2100 EST		
WESTMINSTER 5 SSE KLEIN	44 30	31 18	27 14	38 15	43 24	53 33	63 43	63 43	58 41	47 33	52 36	45 34	44 30	38 28	33 24	36 24	32 27	38 28	35 9	31 7	24 17	36 23	35 20	34 15	26 20	34 20	38 24	38 28	45 28	37 21	39.9 25.5	2200 EST		
MILLERS 4NE MILLER	46 31	34 23	26 14	37 13	45 21	58 33	69 44	65 45	62 48	48 31	54 36	48 35	46 27	39 33	34 25	37 26	30 25	42 29	34 28	31 6	23 16	36 25	37 15	34 15	29 17	30 23	40 24	37 24	46 32	47 20	41.0 25.7	1800 EST		
BRYANS ROAD 2 ESE BRUMBACK	53 35	37 24	33 20	42 15	43 27	60 37	75 51	73 53	68 47	52 40	64 44	53 36	46 30	40 34	44 36	36 30	42 35	39 31	51 39	33 32	16 9	25 25	30 27	27 19	41 22	36 30	44 29	56 30	46 33	46 26	47.1 30.2	2400 EST		
EMMITTSBURG 2 SE GLASS	47 26	47 25	32 16	30 14	37 17	44 21	55 36	69 44	66 42	61 31	47 30	53 37	45 23	46 25	40 27	35 27	39 26	32 27	43 26	36 16	19 7	27 9	39 20	37 15	35 15	31 19	32 23	39 24	41 26	46 31	41.7 24.1	0630 EST		

**ACON MD / DE / DC
JANUARY 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	30	31	AVG	OBS TIME
FREDERICK 3 WNW LAWRENCE	47 28	33 30	29 15	39 15	44 21	54 35	70 45	66 43	60 37	48 30	51 39	46 29	47 25	41 29	34 27	38 27	33 28	43 29	38 30	31 8	27 8	37 18	39 19	36 17	32 16	34 24	39 26	44 26	38 28	45 28	38 21	42.0 25.8	2300 EST
EAGLE ROCK HARVEY	40 24	24 9	18 6	22 4	34 20	46 34	54 42	64 44	68 40	46 31	50 40	44 28	40 26	39 22	34 14	34 10	36 14	36 24	26 10	10 -2	36 -2	38 0	38 10	24 10	28 0	28 0	32 22	32 14	28 22	50 16	48 10	28 17.6	0800 EST
LAUREL JHU / APL GIANNOLA	49 32	32 20	28 17	40 18	44 22	56 36	71 45	70 49	63 43	49 34	57 38	47 36	44 30	40 30	34 27	39 27	33 29	46 31	37 30	33 12	27 9	37 21	39 24	40 20	36 17	31 23	34 28	41 29	42 31	49 30	41 24	42.9 27.8	2400 EST
POTOMAC 4N COHEN	50 33	35 25	29 18	39 14	43 22	54 36	67 42	68 43	63 45	49 32	55 41	47 35	47 29	42 34	35 25	38 27	34 28	43 30	38 29	32 16	27 10	39 19	40 26	36 19	32 18	36 23	40 27	41 29	43 28	48 34	40 24	42.9 27.8	2100 EST
OLNEY 1 S GIANNOLA	48 32	33 21	29 17	40 14	44 22	55 35	69 46	69 45	62 41	50 33	54 40	50 34	45 27	41 31	35 24	38 26	33 29	41 30	37 29	32 11	26 8	26 18	39 22	38 20	37 17	31 >	> 40	41 26	41 28	49 27	40 21	42.8 26.5	2400 EST
CLARKSBURG 2ENE HOLDEN	48 31	33 19	30 16	41 16	45 27	57 35	69 49	67 50	61 42	49 37	55 39	47 37	47 34	40 29	34 25	39 26	33 30	43 29	37 30	31 10	26 9	38 21	39 27	37 22	31 16	35 23	39 26	42 29	43 33	47 28	40 22	42.7 28.0	2400 EST
MONTGOMERY VILLAGE ROTH 1SW	49 33	33 22	29 19	39 14	45 22	56 36	69 45	68 44	63 42	50 33	54 41	48 35	46 28	42 31	34 26	39 28	34 30	43 31	39 31	33 13	27 9.9	40 23	40 23	37 19	32 18	35 25	39 28	41 30	42 30	49 24	40 27.8	2400 EST	
GLENMONT 1NNE ROSSEN	51 33	34 22	31 18	44 13	44 19	59 39	72 40	72 38	64 38	50 30	58 40	50 33	46 30	43 27	41 28	34 29	48 29	38 29	34 29	34 10	48 8	38 18	34 22	45 18	45 18	39 22	41 26	44 27	45 29	51 22	43 22	45.2 26.0	2400 EST
BETHESDA SCAFIDE	49 32	33 22	30 18	40 17	44 25	56 36	70 47	70 50	64 41	50 36	55 41	48 37	45 32	43 31	35 26	40 28	36 31	45 31	38 32	33 13	27 12	40 24	41 27	38 23	32 18	36 25	40 28	42 31	46 30	50 31	41 25	43.8 28.9	2400 EST
GAITHERSBURG 2WNW SHAW	50 32	34 21	31 18	40 13	42 21	56 36	69 45	69 43	64 38	50 31	57 41	49 39	47 33	44 29	36 25	40 27	35 30	42 31	37 31	33 11	30 10	39 22	43 25	38 19	34 18	37 24	41 27	44 30	49 28	40 25	43.9 27.3	2400 EST	
FOREST GLEN TERRY	52 33	36 22	34 18	42 15	45 23	58 37	73 46	72 48	64 40	50 35	58 41	53 35	47 30	47 32	38 26	43 28	35 32	50 31	39 31	34 13	40 11	45 25	42 26	44 23	40 19	45 24	45 28	49 29	53 30	45 25	46.4 28.6	2400 EST	
OXON HILL SMITH	53 36	36 26	32 21	41 17	43 25	57 38	73 52	72 54	67 43	52 38	61 42	52 40	48 36	46 34	40 28	42 31	36 31	47 32	41 34	38 18	31 17	41 24	46 29	41 29	35 21	38 25	43 31	45 31	56 31	56 35	44 27	46.9 31.5	2300 EST
HOLLYWOOD ABELL	55 35	36 29	32 18	43 16	46 26	60 43	72 54	72 51	52 35	66 43	50 38	47 30	45 26	43 27	38 30	43 27	37 30	54 34	39 32	33 19	33 10	50 21	36 32	36 27	41 22	44 32	46 25	57 29	55 33	42 30	47.5 31.0	2359 EST	
RIDGE ZYLA	55 32	37 28	33 21	44 21	42 31	63 43	71 51	69 53	71 52	52 41	68 46	49 43	47 38	44 34	40 28	41 27	42 29	52 35	38 32	32 18	28 15	42 29	43 33	36 23	35 21	42 28	41 34	44 27	55 33	54 30	38 30	46.7 32.4	2400 EST
SMITHSBURG 1.5 SW HUTTO	45 31	32 18	28 17	38 10	50 22	60 37	70 47	68 55	60 39	48 28	54 27	44 24	46 29	39 28	34 27	38 28	35 26	43 26	36 12	28 10	27 24	40 17	39 15	35 15	31 15	34 22	37 27	41 26	40 26	46 20	38 20	42.1 25.8	2400 EST
HAGERSTOWN 1E KEEPER	46 30	32 18	28 14	37 11	48 22	59 36	70 50	66 51	60 40	47 29	53 39	44 29	44 24	41 29	35 27	37 27	34 28	44 27	44 27	35 12	37 10	39 22	35 18	35 16	30 15	33 22	37 26	41 26	45 27	36 28	41.6 25.8	2400 EST	
SMITHSBURG 2 NE VAUGHN	45 31	31 18	27 16	38 15	49 28	58 38	69 52	66 55	60 43	47 33	53 39	44 32	45 30	38 28	33 28	38 28	34 31	42 30	35 28	28 13	25 11	40 23	39 25	33 20	30 15	33 23	37 27	42 30	45 31	47 28	37 23	41.5 28.1	2400 EST
SALISBURY NWS WICOMICO CO APT	54 27	36 25	30 11	39 8	46 17	59 34	67 51	67 40	53 25	67 46	52 30	49 25	49 30	47 21	44 30	41 23	47 26	37 30	38 18	32 6	29 12	43 21	45 16	39 14	32 14	41 26	41 22	54 19	55 20	44 18	46.5 23.9	2400 EST	
WASH NATIONAL NWS ASOS	54 36	38 25	34 22	41 21	43 28	55 38	69 46	73 48	68 47	52 40	59 43	49 42	49 36	47 35	40 30	44 32	39 34	49 33	42 36	37 19	32 18	42 26	48 30	43 28	36 22	40 29	45 30	47 33	56 36	45 28	47.6 32.4	2400 EST	
WASH DULLES NWS ASOS	51 33	34 22	31 18	40 12	45 20	54 36	71 46	70 49	64 40	49 31	59 41	50 32	47 27	44 29	36 24	41 27	35 27	43 28	38 31	33 10	28 7	40 21	43 24	39 17	34 18	37 22	41 27	45 27	50 30	41 20	44.4 26.5	2400 EST	
STERLING 4 N SHAFFER	53 34	35 24	32 20	40 14	44 23	55 38	71 47	70 48	64 43	48 33	59 41	50 36	48 28	45 33	43 28	35 30	43 30	41 30	38 30	33 15	29 14	40 19	42 28	38 20	35 18	40 23	42 29	47 31	47 29	48 32	41 23	44.7 28.7	2400 EST
DAVIS 3 SE WV LESHER	36 25	26 5	10 4	12 3	31 12	43 30	50 42	58 46	59 40	49 28	49 36	43 26	38 26	36 22	22 14	14 10	26 14	32 22	28 15	22 -4	3 -5	27 -3	31 12	20 7	20 0	18 -2	25 17	22 16	45 17	47 18	20 10	30.7 16.2	0700 EST

**ACON MD / DE / DC
JANUARY 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	30	31	TOTAL	OBS TIME			
BEAR 2 SW, DE GALLAHER	T	T			0.01	0.07			T	0.12	0.27		0.24	0.05	0.02		0.64	0.03	T	T		0.06		T					0.02	0.08		1.61	2400			
WILMINGTON, DE NWS NEW CASTLE CO APT	T	T			0.01	0.03			T	0.08	0.44		0.18	0.03	0.02		0.61	0.03	T			0.04		T					0.02	0.08		1.57	2400			
NEWARK AG FARM, DE U OF DE DEOS					0.01	0.08				0.13	0.42		0.20	0.05			0.35	0.44				0.01							0.02	0.13		1.84	2400			
TOWNSEND 4 W, DE U of D DE Townsend Farm						0.10				0.15	0.22		0.22	0.08			0.83	0.03				0.10							0.01	0.06		1.80	2400			
GEORGETOWN, DE NWS SUSSEX CO APT							T		T	0.62	0.20		0.24	0.03	T		0.66	0.12	T	0.01		0.05	T	0.03				T	0.02			1.98	2400			
GEORGETOWN, DE UoID RESEARCH & ED CTR	0.01									0.54	0.24		0.26	0.05			0.60	0.12				0.04	0.01		0.03					0.02			1.92	2400		
HARBESON 8 S, DE UoID WARRINGTON FARM	0.08									0.25	0.13		0.16	0.05			0.46	0.28				0.07			0.02					0.01			1.51	2400		
FROSTBURG LATTA	0.04	0.06	T			0.16	0.01		0.05		0.84	0.06		0.07	0.06	0.04		0.43			T		T		T		T	0.01	0.02	0.44			2.29	0700		
LAVALE MULLINS**	T	T	T		T	0.22			0.09	T	1.11		0.04	T	T		0.42												0.40					2.28	2400	
PASADENA 2N HANSON	0.01					0.15				0.16	0.14		0.12	0.02			0.55	0.34				0.05							0.03	0.07				1.64	2400	
LOTHIAN JUG BAY						0.09			T	T	0.27	0.01						0.80	0.03				0.01						0.05	0.07	T			1.33	0900	
BWI NWS ASOS			T		0.01	0.20			0.01	0.11	0.14		0.06	0.02	T		0.77					0.02		T					0.05	0.08				1.47	2400	
LAUREL 2 E STOUDT			T		T	0.16				0.13	0.13		0.06	0.01	T		0.66	T				0.03							0.06	0.07				1.31	2400	
OWINGS MILLS 2SE SHARROW	T	T			T	0.12			T	0.04	0.20		0.04	T	T		0.66					T		T					0.08	0.12				1.26	2400	
BALTIMORE 2SE MANFRE					0.01	0.18			T	0.10	0.14		0.07	0.05	T		0.80					0.01							0.10	0.10				1.56	1800	
BALT INNER HARBOR MD SCIENCE CENTER					0.01	0.18				0.08	0.11		0.07				0.77												0.12	0.10				1.44	2400	
MANCHESTER 1SW CLOSE					0.03	0.04			0.09	0.09	0.14		0.01	0.04	T		0.61					T							0.14	0.12				1.31	2300	
WESTMINSTER 4 SSE HARTSOCK	T					0.11			0.11		0.22		0.02	0.05	T		0.75												0.08	0.29				1.63	2100	
WESTMINSTER 5 SSE KLEIN					0.04	0.08			0.12	0.06	0.15			0.07			0.59												0.15	0.22				1.48	2200	
MILLERS 4NE MILLER	T	T			T	0.05			0.10	T	0.31		0.01	0.06	T		0.44	0.18				T							0.08	0.25				1.48	1800	
BRYANS ROAD 2 ESE BRUMBACK					T	0.07				0.30	0.02		0.07		T		0.67	0.30	0.01			T							0.02	0.09				1.55	2400	
EMMITTSBURG 2 SE GLASS						0.13					0.25							M												0.30					0.68	0630
																		2.5																2.5	EST	

ACON MD / DE / DC
JANUARY 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	30	31	TOTAL	OBS TIME	
FREDERICK 3 WNW LAWRENCE						0.03			0.16	0.23	0.19			0.01			0.49	T	0.05			0.01							0.36	0.05		1.58	2300	
EAGLE ROCK HARVEY	0.12 2.0	0.20 4.0	0.10 3.0			0.55	0.02		0.05		1.20			0.22 3.0	0.22 5.0	0.20 2.0	0.05 0.5	0.35 2.0						0.17 5.0	T	0.04 1.0	0.10 1.0	1.05 1.0	0.07 0.7	0.03	0.60		5.34 30.2	0800 EST
LAUREL JHU / APL GIANNOLA					0.01	0.20			T	0.08	0.12		0.04	0.01			0.81 5.0					T							0.10	0.06		1.43 5.0	2400 EST	
POTOMAC 4N COHEN		T			T	0.28			T	0.15	0.12		0.03	0.03	T		0.79 4.4	T										0.17	0.09		1.66 4.4	2100 EST		
OLNEY 1 S GIANNOLA					0.02	0.20			T	0.14	0.12		0.01	0.01	T		0.81 5.0					T							>	0.18		1.49 5.0	2400 EST	
CLARKSBURG 2ENE HOLDEN			T		T	0.14			0.08	0.06	0.13		T	0.02 T	T		0.71 5.0			T								0.20	0.08		1.42 5.0	2400 EST		
MONTGOMERY VILLAGE ROTH 1SW						0.27					0.12	0.10		0.03	0.03	0.01	0.63												0.16	0.09		1.44	2400 EST	
GLENMONT 1NNE ROSSEN					0.02	0.21			T	0.13	0.14		0.03	0.02	0.01 0.3		0.80 4.5		T			T							0.09	0.06		1.51 4.8	2400 EST	
BETHESDA SCAFIDE					0.02	0.20					0.13	0.11		0.02	0.02		0.58												0.08	0.05		1.21	2400 EST	
GAITHERSBURG 2WNW SHAW		T			0.02	0.20				0.08	0.11		0.01	0.01	T		0.65 4.6	T				T							0.19	0.06		1.33 4.6	2400 EST	
FOREST GLEN TERRY					0.01	0.17					0.11	0.12		0.02	0.01	T	0.81 3.7	T				0.01							0.06	0.06		1.38 3.8	2400 EST	
OXON HILL SMITH					T	0.22			T	0.24	0.29		0.04	T	0.01 0.1	0.84 2.2	T	T				0.01	T						0.06	0.06		1.77 2.3	2300 EST	
HOLLYWOOD ABELL		T				T				0.29	0.06		0.25		0.30 0.5	0.85 1.0	0.20 0.3					0.02		T					0.02	0.08		2.07 1.9	2359 EST	
RIDGE ZYLA	T	T				0.02			T	0.48			0.10		0.01 0.2	0.98 0.1	0.10 1.0	0.01 0.1				0.04		0.11 0.7						0.02		1.87 2.1	2400 EST	
SMITHSBURG 1.5 SW HUTTO					T	0.01			0.09	0.04	0.40		0.01	0.03 T		0.32 3.0													0.38	0.04		1.32 3.0	2400 EST	
HAGERSTOWN 1E KEEFER					0.01	0.01			0.13	0.03	0.50			0.04 T	T		0.38 3.4							T					0.54	0.04		1.68 3.4	2400 EST	
SMITHSBURG 2 NE VAUGHN						T	0.01		0.12	0.01	0.40			0.07 0.7		0.46 2.5								T					0.55	0.04		1.66 3.2	2400 EST	
SALISBURY NWS WICOMICO CO APT		T					T		T	0.14	0.01		0.20	0.04	T		0.71 T	0.08	0.03 0.3	0.02 0.2		0.11	0.04	0.08 0.8					T	0.02		1.48 1.3	2400 EST	
WASH NATIONAL NWS ASOS		T			T	0.20				0.18	0.15		0.03	T	T		0.75 1.3	T	T			T							0.05	0.01		1.37 1.3	2400 EST	
WASH DULLES NWS ASOS					T	0.21				0.14	0.05		0.01	T	T		0.69 4.0	T				T							0.14	0.02		1.26 4.0	2400 EST	
STERLING 4 N SHAFFER	0.01 T				0.05 T	0.17			0.01	>	0.24		0.02 T		0.02 0.2		0.55 5.0	T				0.02 T							0.23	0.12		1.44 5.2	2400 EST	
DAVIS 3 SE WV LESHER	0.17 1.9	0.63 9.5	0.25 4.2	0.03 0.5		1.04	0.18		0.14		1.09	0.22 T		0.24 2.6	0.48 9.3	0.29 6.2	0.03 0.4	0.40 3.6	T	0.05 0.7	T		0.32 3.4		0.57 7.5		0.08 0.5	0.11 1.2	T	0.87 0.5	0.02 0.2	7.21 52.2	0700 EST	