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

## VERY WARM 1st HALF, SEASONAL COLD 2nd HALF

The above normal temperatures which began in late November persisted through the middle of January. Temperatures that averaged a dozen degrees above normal during the first half of the month. The NWS stations at Wilmington, DE, Baltimore Maryland, and at Washington DC's National and Dulles Airports all set daily maximum temperature records on the 6th when temperatures rose into the lower 70's. Through the 16th Washington National (DCA) recorded its second warmest start behind only by 1950. Temperatures the second half of January averaged a few degrees below normal.

Precipitation was below normal this month. Nearly all of the month's precipitation fell during the first 8 days. Snowfall was well below normal. The first measurable snowfall of the season fell late in the third week at many stations. Persistent west to northwest winds and frequent re-enforcement of cold air brought snow flurries, and or squalls during the last 14 days of the month.

Heavy rain fell on New Years day. Rainfall amounts of an inch or more was common. The heaviest rain fell in St. Marys County Maryland, and Delaware. **John Zyla** of **Ridge** recorded 2.39", **Floyd Abell** of **Hollywood** 2.09" and **Gary Gallaher** of **Bear 2 SW DE** 1.75". Mild afternoon and cool mornings followed from the 2nd to the 4th. The warmest temperatures of the month occurred on the 4th and 5th when maximum temperatures rose into the 60's and the 6th when 70's were common. The warmest reported by ACON observers was 76 by **Joe Manfre** of **Baltimore 2 SE**, and 74 by **Marty Brumback** of **Bryans Road 2 ESE**, **Brian Smith** of **Oxon Hill**, and **Floyd Abell** of **Hollywood**.

The first seasonably cold air since December 8th moved into the region for the 10th and 11th. Tempera-

tures were slightly below normal. Maximum temperatures were generally in the mid 30's to lower 40's. The only sub freezing maximum temperatures occurred from Frostburg westwards. The coldest minimum reported was 10 degrees by **Rebecca Harvey** of **Eagle Rock**.

By the 13th unseasonably warm air returned. Minimums in the 50's was common on the 14th and 15th. The highest minimum temperatures were 61 by **John Zyla** of **Ridge**, 60 by **Floyd Abell** of **Hollywood**. In the Maryland mountains **Rebecca Harvey** of **Eagle Rock** observed a minimum of 50 on the 14th and 52 on the 15th.

Winter finally arrived on the 16th. Temperatures fell from around 60 before dawn to below freezing by midnight. **Greg Keefer** of **Hagerstown 1E** and **Jim Vaughn** of **Smithsburg 2 NE** each reported a 45 MPH gust. The cold remained for the balance of the month.

The 21st saw temperatures below freezing and the first general snowfall of the season. Amounts were light. The heaviest amounts fell in the Washington DC region where amounts of 1 to 2 inches were common. The heaviest reported was the 2.1" at **Bryans Road 2 ESE** by **Marty Brumback**. Snow showers and squalls fell on the 25th. Amounts were generally only a trace to a few tenths of an inch. One inch amounts were reported by **Nate Mullins** of **LaVale**, **Marty Sharrow** of **Owings Mills 2 SE** and **Herb Close** of **Manchester 1 SW**. In the Maryland mountains **Rebecca Harvey** of **Eagle Rock** reported 6 inches on the 26th.

A short period of mild temperatures moved into the region mid day on the 27th and lasted to mid day of the 28th. Temperatures on the 27th was generally in the 50's. The temperatures rose to 61 in St Marys County (**Floyd Abell** of **Hollywood** and **John Zyla** of **Ridge**) and 60 degree in Charles County

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

Baltimore 2 SE	76
Jug Bay Wetlands	74
Bryans Road 2 ESE	74
Oxon Hill	74
Hollywood	74

##### MINIMUM TEMPERATURE

Eagle Rock	0
Davis 3 SE WV	0
Frostburg	4

##### WARMEST AVG. TEMP.

Baltimore 2 SE	43.8
Ridge	43.0

##### COLDEST AVG. TEMP.

Davis 3 SE WV	27.4
Eagle Rock	30.0

##### MAXIMUM PRECIPITATION

Davis 3 SE WV	7.27
Ridge	4.88
Hollywood	4.51

##### MINIMUM PRECIPITATION

LaVale	1.29
Smithsburg 2 NE	1.68

##### MAXIMUM SNOWFALL

Davis 3 SE WV	55.2
Eagle Rock	30.0
Frostburg	10.8
LaVale	3.5

(**Marty Brumback** of **Bryans Road 2 ESE**). Snow showers, flurries, and squalls returned on the 28th which lasted through the end of the month. Daily snowfall amounts east of the mountains were generally less than an inch. **Bobby Miller** of **Millers 4 NE** reported 1.2 inches on the 31st. **Greg Klein** of **Westminster 5 SSE** reported nearly an inch from an intense 20 minute squall the afternoon of the 30th.

# OBSERVER COMMENTS FOR JANUARY 2007

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

First 16 days averaged 13.8 degrees above normal while the last 15 days averaged 1.2 degrees below normal. Very dry conditions from the 9th to the 31st. Snowfall of a trace or more fell on 12 of the last 14 days. A trace or more of precipitation fell on 20 days breaking the record of 19 days set in 1979.

**1st** - Daily record precipitation of 1.75". Old record 1.11" set in 1976.

**6th** - Record max temp of 71. Old record 62 set in 1998.

**6th** - Min temp of 55 tied highest min temp for January.

**15th** - Record max temp of 63. Old record 60 set in 1995.

## **Nate Mullins of LaVale**

1.29" - Driest January in 16 years of records.

**4th** - Sunny and mild 64 degrees.

**15th** - Cloudy and mild, 64 degrees. A bit of drizzle around noon. Temperatures began to drop during the evening.

**16th** - Cloudy and breezy, colder with occasional snow showers.

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

**1st** - Rain into early afternoon.

**6th** - Showers before dawn.

**18th** - A little light rain and sleet.

**21st** - Afternoon snow; mixed precipitation evening.

## **Al Kreinik of Parkton 5 SW**

**11th** - Heavy AM frost.

## **Marty Sharrow of Owings Mills**

**3rd** - Frosty start, then sunny and milder.

**20th** - Morning snow squall.

**22nd** - Overcast, foggy, and raw.

**30th** - Afternoon snow showers.

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

**3rd** - Sunny, mild, breezy in mid afternoon.

**25th** - Snow showers in afternoon, then turning very windy and cold in PM.

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

**1st** - Heavy rains ends early. - mild, cloudy, fog.

**2nd** - Clearing & cool, windy early.

**10th** - AM flurries, colder, windy, sunny.

**26th** - Bitter cold, breezy, some flurries.

**30th** - Afternoon snow squalls.

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

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

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

**5th** - Periods of light rain and drizzle.

**10th** - Snow flurries 5 to 6 AM.

**25th** - Snow pellet shower before sunrise, PM snow shower.

## **Rebecca Harvey of Eagle Rock**

**31st** - Snow depth 15".

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

The average low temperature for the first half of the month (1st—16th) was 2 degrees greater than the average high temperature for the second half (16th—31st).

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

**6th** - Morning minimum temperature 61 degrees.

**21st** - Light snow 1 to 7 PM, some light freezing drizzle later.

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

**6th** - Early morning rain, windy afternoon.

**21st** - Snow began 1 PM, changed to light freezing drizzle in evening.

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

**23rd** - Flurries overnight.

**30th** - Flurries day and evening.

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

There were two distinct parts of this month, and a definite change in the mild pattern to a colder one occurring the second half of the month. 90% of the month's precipitation fell during the first half of the month.

**6th** - Daily record maximum and minimum temperatures broken today with 68 and 54.

## **Joe Terry of Forest Glen**

**5th** - Unusually warm, 64 degrees at midnight.

**6th** - Dew points in the 60's.

**21st** - First measurable snow of the season. Snow during most of the afternoon, changed to ice pellets, then freezing rain / drizzle during the evening.

## **Floyd Abell of Hollywood**

**1st** - Rainy day, heavy at times.

**9th** - Evening rain, sleet, and snow.

**20th** - Fair, windy at times.

**28th** - Very light rain to afternoon snow showers.

## **John Zyla of Ridge**

**9th** - First snow of the season 8:23 to 8:57 PM accumulating 0.2" and melting soon.

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

**5th** - Periodic rain showers, warm, windy.

**22nd** - Overnight freezing drizzle, PM flurries.

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

**1st** - Rain before 6 AM. Strong winds evening gusting to 40 mph.

**6th** - Tied record max temp of 66 set in 1950, & 1998.

**16th** - Windy and colder. Winds gusted to 45 mph.

**25th** - Snow showers and squalls produced a dusting. Winds gusted to 51 mph in one squall around 2:45 PM.

**30th** - Heavy snow squall just after 5 PM produced 0.6" of snow, strong winds, and near zero visibilities for a brief time.

## **Jim Vaughn of Smithsburg 2 NE**

Second least snowfall behind 0.6" in 2006

**6th** - Record daily max and min temps of 70 & 53 smashed the previous daily records.

## **Lance Shaffer of Sterling 4 N VA**

**27th** Mild weather returned for a day.

## **Dave Leshner of Davis 3 SE WV**

**31st** - 18" snow depth, maximum for the month.

Compiled by Gary Gallaher, MD/DE ACON Data Collector and Report Writer, from data received from dedicated observers. Without your observations each month this report will not be possible.

**ACON MD / DE / DC  
JANUARY 2007 SUMMARY**

OBSERVER	STATION <i>COUNTY, STATE</i>	TEMPERATURE									PEAK WIND			PRECIPITATION					SNOWFALL				OBS TIME		
		AVG MAX	AVG MIN	MEAN	MAX	DAY	MIN	DAY	MAX >=90	MAX <=32	MIN <=32	GUST	DIR	DAY	TOTAL	MAX DAY	DATE	YEAR	DAYS >=.01"	DAYS >=1"	TOTAL	MAX DAY		DATE	SEA- SON
<i>New Castle, Delaware</i>																									
Gallaher, Gary	Bear 2 SW	46.0	29.5	37.8	71	6	12	26	0	2	23	46	NNW	20	3.41	1.75	1	3.41	14	1	1.5	0.5	30	1.5	2400
NWS Wilmington	New Castle Co. Apt.	46.3	30.2	38.3	71	6	10	26	0	3	21	46	WNW	25	3.52	1.65	1	3.52	14	1	1.5	0.5	30	1.5	2400
U of DE DEOS	UofD AG Farm Newark, DE	45.3	29.3	37.3	71	6	10	26	0	4	23	29		20	3.33	1.70	1	3.33	9	1					2400
U of D Townsend Farm	Townsend 4 W																								2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	49.4	31.6	40.5	71	6	14	26	0	2	19	37	W	8	3.79	1.77	1	3.79	11	1					2400
U of D Research & Ed Ctr	Georgetown	48.9	31.4	40.2	71	6	14	26	0	2	20				2.34	0.59	6	2.34	11	0	1.2	1.0	21	1.2	2400
U of D Warrington Farm	Harbeson 8 S	48.8	30.9	39.9	70	6	13	26	0	3	18				3.53	1.49	1	3.53	8	1					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	39.2	22.9	31.1	60	6+	4	26	0	10	25				2.25	0.72	8	2.25	21	0	10.8	2.4	22	13.9	0700
Mullins, Nate**	LaVale	42.9	28.7	35.8	64	4+	14	26	0	4	22				1.29	0.51	7	1.29	12	0	3.5	2.0	21	4.0	2400
<i>Anne Arundel, Maryland</i>																									
Bryant, Dave	Annapolis 2 N																								2400
Hanson, Dan	Pasadena 3 SW	48.1	29.8	39.0	73	6	15	26	0	3	22	34	WSW	30	2.63	1.09	1	2.63	12	1					2400
Jug Bay Wetlands	Lothian	50.8	31.1	41.0	74	7	14	30	0	0	18				3.26	1.10	1	3.26	12	2	1.5	1.5	22	1.5	0900
NWS Baltimore	BWI Airport	47.4	30.0	38.7	71	6	14	26	0	3	22	51	WNW	20	2.48	1.07	1	2.48	10	1	0.9	0.9	21	0.9	2400
Stoudt, Jeff	Laurel 2 E	47.5	31.3	39.4	71	6	14	26	0	3	21				2.77	1.14	1	2.77	12	1	1.8	1.8	21	1.8	2400
<i>Baltimore, Maryland</i>																									
Kreinik, Al	Parkton 5 SW	44.8	27.6	36.2	70	6	11	26	0	7	23				2.69	1.15	1	2.69	9	1	0.7	0.3	21	0.7	2200
Sharrow, Marty	Owings Mills 2 SE	45.7	28.6	37.2	69	6	10	26	0	4	22				2.18	0.91	1	2.18	8	0	3.2	1.2	21	3.2	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	51.0	36.5	43.8	76	6	19	26	0	1	14				2.15	0.85	1	2.15	9	0	0.8	0.8	21	0.8	1800
Maryland Science Ctr	Baltimore Inner Harbor	50.6	37.1	43.9	76	6	19	26	0	1	12				2.18	0.92	1	2.18	11	0					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	43.8	28.5	36.2	67	6	8	26	0	8	21				2.59	0.97	1	2.59	11	0	2.5	1.0	25	2.5	2300
Hartsock, Ralph	Westminster 4 SSE	44.1	27.8	36.0	68	6	8	26	0	7	22	48		19	3.70	1.62	1	3.70	10	1	2.0	1.0	30	2.0	2000
Klein, Greg	Westminster 5 SSE	42.5	27.7	35.1	63	6	8	26	0	8	21				3.26	1.39	1	3.26	10	1	2.5	1.0	21+	2.5	2200
Miller, Bobby	Millers 4 NE	43.1	27.2	35.2	66	6	7	26	0	9	22	40	W+	8+	2.74	1.09	1	2.74	14	1	1.2	0.4	21	1.4	1800
Muller, Ray	Westminster City	44.4	29.9	37.2	68	6	10	26	0	7	22	40	WNW	19	2.37	0.97	1	2.37	10	0	1.5	0.8	21	1.5	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	49.5	33.0	41.3	74	6	16	26+	0	1	22				3.46	1.44	1	3.46	13	1	2.2	2.1	21	2.2	2400
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	37.9	22.1	30.0	62	6	0	26	0	15	24				4.15	0.73	8	4.15	22	0	33.5	6.0	26	42.0	0800
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	45.4	29.9	37.7	69	6	11	26	0	6	22	44	WNW	8+	2.37	0.98	1	2.37	10	0	1.3	1.3	21	1.3	2400

**ACON MD/DE/DC  
JANUARY 2007 SUMMARY**

OBSERVER	STATION <i>COUNTY, STATE</i>	TEMPERATURE									PEAK WIND			PRECIPITATION					SNOWFALL				OBS TIME		
		AVG MAX	AVG MIN	MEAN	MAX	DAY	MIN	DAY	MAX >=90	MAX <=32	MIN <=32	GUST	DIR	DAY	TOTAL	MAX DAY	DATE	YEAR	DAYS >=.01"	DAYS >=1"	TOTAL	MAX DAY		DATE	SEA- SON
<i>Montgomery, Maryland</i>																									
Cohen, Rob	Potomac 4 N	48.2	30.8	39.5	70	6	14	26	0	2	21				2.37	0.78	1	2.37	12	0	1.5	1.5	21	1.5	2100
Giannola, Rich	Olney 1 S	45.6	30.1	37.9	68	6	12	26	0	4	20				2.07	0.80	7-8	2.07	11	0	1.7	1.4	21	1.7	2400
Roth, David	Montgomery Village 1SW	46.0	30.7	38.4	69	6	14	26	0	5	22				2.84	1.09	1	2.84	13	1	1.0	1.0	21	1.0	2400
Rossen, Stan	Glenmont 1 NNE	47.8	30.3	39.1	71	6	14	26	0	1	23				2.58	0.95	1	2.58	10	0	1.8	1.8	21	1.8	2400
Scafide, Tony	Bethesda	46.7	32.0	39.4	70	6	14	26	0	6	20	23		25	2.47	0.91	1	2.47	13	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	45.8	28.2	37.0	68	6	11	26	0	3	23				2.58	1.02	1	2.58	11	1	1.2	1.2	21	1.2	2400
Terry, Joe	Forest Glen	48.5	31.9	40.2	73	6	14	26	0	1	21	33	WNW	25	2.53	1.06	1	2.53	11	1	1.9	1.8	21	1.9	2400
Wash Gas Light	Rockville 1 NE	45.4	30.2	37.8	68	6	12	26	0	6	22				1.92	0.62	1	1.92	9	0	1.0	1.0	21	1.0	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	49.3	33.7	41.5	74	6	16	26	0	1	18				2.97	1.20	1	2.97	13	1	2.1	2.0	21	2.1	2300
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood	50.5	34.0	42.3	74	6	17	26+	0	1	19	32		15	4.51	2.09	1	4.51	11	1	1.7	1.5	21	1.7	2400
Zyla, John	Ridge	50.5	35.5	43.0	72	6+	17	26	0	1	16	24	NW+	1+	4.88	2.39	1	4.88	10	1	2.2	1.8	21	2.2	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	43.9	27.7	35.8	66	6	9	26	0	8	22	34	WNW	20+	2.32	0.67	1	2.32	10	0	0.7	0.5	21	0.7	2400
Keefer, Greg	Hagerstown 1 E	43.5	27.3	35.4	66	6	8	26	0	8	23	51	NW+	25	2.20	0.65	1	2.20	10	0	1.3	0.7	21	1.4	2400
Vaughn, Jim	Smithsburg 2 NE	44.7	28.1	36.4	70	6	7	26	0	7	22	53	NNW	25	1.68	0.58	7	1.68	12	0	0.8	0.3	21	0.9	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	49.4	30.1	39.8	69	6	10	30	0	3	20	41	WNW	25	4.04	1.30	1	4.04	10	1	0.3	0.3	21	0.3	2400
<i>Arlington, Virginia</i>																									
NWS Washington Nationa	National Airport	48.2	33.2	40.7	73	6	15	26	0	1	20	43	NW	29	2.46	1.03	1	2.46	11	1	1.3	1.2	21	1.3	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	47.5	30.7	39.1	71	6	15	26+	0	3	23	41	WNW	19+	2.11	0.68	1	2.11	11	0	1.6	1.6	21	1.6	2400
Shaffer, Lance	Sterling 4 N	47.6	32.2	39.9	72	6	17	26	0	3	21				2.38	0.87	1	2.38	13	0	2.2	2.0	21	2.2	2400
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	34.4	20.3	27.4	55	6+	0	29	0	15	23				7.27	0.75	8	7.27	27	0	55.2	9.5	10	72.9	0700
SECTION AVERAGE*		46.5	30.2	38.4											2.81		2.81				2.7		2.9		

**NOTES:**

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

\*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

\*\*OBSERVERS FOR LAVALLE ARE DAVID DREWERY AND CHARLES ORLICK. 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 7/16/07

**ACON MD / DE / DC  
JANUARY 2007 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	54 45	49 27	53 24	60 27	64 40	71 55	55 43	55 38	46 29	36 23	40 18	49 32	59 46	61 50	63 47	33 30	34 19	44 18	35 31	29 26	34 22	39 25	40 28	40 24	38 20	27 12	48 19	42 32	33 22	41 19	33 22	46.0 29.5	2400 EST	
WILMINGTON , DE NWS NEW CASTLE CO APT	54 43	48 35	53 26	59 29	60 41	71 52	55 40	55 37	48 32	38 27	39 22	50 34	60 47	59 51	64 47	63 29	34 19	34 23	46 31	36 24	29 20	34 26	40 28	42 29	39 18	27 10	50 22	43 31	32 20	41 21	33 22	46.3 30.2	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	54 42	48 31	53 26	57 29	63 41	71 55	55 43	53 36	46 31	36 24	39 20	49 29	60 45	60 50	64 46	61 29	32 19	33 20	44 30	35 25	28 21	33 24	39 27	39 26	36 18	26 10	48 19	41 31	31 22	40 20	33 21	45.3 29.3	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm																																		2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	63 49	51 30	54 26	65 36	66 52	71 51	60 42	66 40	49 28	38 25	42 21	55 34	65 51	69 58	68 57	65 34	34 21	38 20	46 34	37 27	31 22	34 29	40 24	42 27	40 24	29 14	56 22	47 32	33 17	43 14	33 20	49.4 31.6	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	62 32	50 31	54 27	65 37	66 54	71 51	61 43	66 39	49 31	38 25	43 21	M 41	64 48	69 57	67 57	65 34	34 20	46 20	35 33	32 18	34 25	40 28	43 24	39 26	30 15	56 22	46 32	33 17	43 14	33 21	48.9 31.4	2400 EST		
HARBESON 8 S, DE UofD WARRINGTON FARM	60 48	50 29	54 26	64 37	65 55	70 49	64 44	64 38	48 27	37 25	41 20	M 41	63 47	69 56	67 55	65 33	33 18	37 18	44 32	35 25	M 28	34 24	38 26	41 23	39 13	28 20	55 M	32 16	41 13	32 20	48.8 30.9	2400 EST		
FROSTBURG LATTA	41 35	53 31	39 27	53 27	58 40	60 49	65 30	55 30	45 26	41 19	34 15	26 15	46 42	54 50	53 51	60 31	33 11	26 10	33 15	33 11	23 14	33 21	30 21	29 19	24 4	36 6	41 24	19 7	19 6	28 7	39.2 22.9	0700 EST		
LAVALE MULLINS**	54 41	53 35	55 26	64 28	54 43	63 48	50 38	48 30	42 30	33 24	43 22	45 34	59 49	61 51	64 37	34 25	33 21	33 20	33 32	25 23	33 22	37 21	37 31	33 30	30 19	45 14	40 18	28 17	33 18	31 15	42.9 28.7	2400 EST		
ANNAPOLIS 2 N BRYANT																																		2400 EST
PASADENA 3 SW HANSON	55 45	50 28	57 25	62 29	61 46	73 58	58 43	54 34	49 29	38 23	42 19	52 37	66 46	69 49	69 46	65 32	34 21	35 19	46 30	36 26	29 18	34 28	41 26	43 29	37 21	31 15	54 19	44 29	31 18	42 16	33 21	48.1 29.8	2400 EST	
LOTHIAN JUG BAY	57 35	M M	55 25	60 31	66 48	66 52	74 40	55 46	M M	56 36	39 18	45 28	58 54	66 54	74 57	69 46	48 20	38 18	38 22	49 26	39 19	34 23	36 32	43 24	42 15	39 30	33 18	61 28	M M	39 14	44 22	50.8 31.1	0900 EST	
BALTIMORE NWS BWI APT	53 44	50 29	55 26	61 29	62 43	71 56	61 44	53 34	47 30	37 24	42 20	50 35	65 50	67 50	68 49	64 30	34 22	35 18	46 30	36 24	29 19	33 27	33 28	41 29	42 20	37 14	31 20	54 20	45 28	31 20	41 19	33 21	47.4 30.0	2400 EST
LAUREL 2 E STOUDT	52 41	51 32	55 29	61 35	63 46	71 57	61 43	52 36	48 31	38 26	44 22	50 34	64 49	66 53	66 50	63 30	36 22	36 22	47 32	37 25	29 22	34 28	41 31	42 31	37 20	30 14	54 19	41 29	32 20	42 21	34 21	47.5 31.3	2400 EST	
PARKTON 5SW KREINIK	52 33	48 30	56 24	62 28	63 44	70 51	52 38	49 35	45 26	36 25	38 15	48 32	58 44	62 47	62 49	61 31	32 16	33 18	44 26	34 24	30 19	30 21	38 26	38 28	32 21	26 11	53 30	42 15	30 15	38 15	31 17	44.8 27.6	2200 EST	
OWINGS MILLS 2SE SHARROW	52 38	48 33	55 26	60 31	60 42	69 55	56 38	51 35	45 26	37 26	41 18	49 32	62 50	66 49	65 48	60 30	34 17	34 17	43 28	34 23	27 17	33 22	39 29	41 27	33 17	29 10	51 18	40 30	32 16	40 18	31 20	45.7 28.6	2400 EST	
BALTIMORE 2SE MANFRE	58 48	54 40	59 38	63 41	65 50	76 60	61 49	57 41	52 36	40 28	46 31	54 40	69 53	68 53	72 35	68 27	38 30	39 36	49 28	39 27	32 31	40 36	44 37	46 36	40 33	33 19	53 30	50 32	36 25	45 30	35 26	51.0 36.5	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER	58 48	53 44	59 38	63 41	65 50	76 60	61 49	51 41	41 36	41 34	45 31	54 40	69 53	66 53	71 53	67 35	38 27	39 30	48 37	38 31	32 28	40 31	44 37	45 37	40 25	33 19	53 30	49 33	34 25	45 27	36 26	50.6 37.1	2400 EST	
MANCHESTER 1SW CLOSE	51 42	47 34	54 32	61 37	61 49	67 52	48 38	45 33	34 28	39 22	49 20	49 31	57 49	61 51	62 50	33 24	31 15	40 18	31 27	25 20	30 16	37 23	37 28	37 29	31 15	26 8	52 19	43 25	28 15	36 18	29 15	43.8 28.5	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	51 38	47 37	49 24	55 28	60 43	68 55	55 39	48 33	43 27	35 25	36 17	47 28	61 43	65 50	65 52	60 30	31 15	34 15	41 27	31 23	28 16	33 22	37 28	38 27	29 21	28 8	51 15	46 30	38 15	29 15	44.1 27.8	2000 EST		
WESTMINSTER 5 SSE KLEIN	50 36	43 33	49 28	55 33	59 46	63 54	54 38	45 33	41 27	34 23	36 19	46 29	58 41	62 49	61 49	59 27	33 16	39 19	30 27	27 17	32 23	35 28	37 28	31 17	27 8	48 18	43 25	26 15	37 18	27 15	42.5 27.7	2200 EST		
MILLERS 4NE MILLER	49 35	46 36	54 32	60 30	58 46	66 56	56 35	48 36	42 26	33 23	38 14	47 29	56 43	62 49	62 59	62 31	30 14	39 17	31 24	25 22	29 15	35 20	36 25	36 25	31 7	24 16	50 32	43 14	32 13	36 14	43.1 27.2	1800 EST		
WESTMINSTER CITY MULLER	51 39	48 35	52 27	60 31	60 46	68 58	51 39	50 37	44 29	40 26	40 19	46 32	58 45	63 51	62 51	61 31	34 18	38 21	32 30	25 18	32 23	32 29	41 30	40 23	33 10	28 21	51 30	42 16	28 18	38 17	30 29.9	44.4 29.9	1900 EST	
BRYANS ROAD 2 ESE BRUMBACK	54 46	53 32	59 29	66 43	65 56	74 52	55 46	57 37	49 32	40 27	44 21	54 39	64 53	69 56	70 59	65 32	37 23	35 22	50 31	39 27	30 24	33 30	44 28	40 29	37 22	34 16	60 23	45 30	34 19	44 16	36 22	49.5 33.0	2400 EST	

**ACON MD / DE / DC  
JANUARY 2007 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
EAGLE ROCK	50	50	42	50	52	62	50	50	38	30	22	46	52	52	56	60	26	28	32	26	20	32	32	24	28	20	36	40	20	22	26	37.9	0800
HARVEY	40	30	26	42	38	50	30	32	22	16	10	20	39	50	52	26	8	8	20	14	8	12	18	18	18	0	8	20	2	4	4	22.1	EST
LAUREL JHU / APL	51	48	54	60	63	69	54	50	45	34	39	49	64	66	67	63	31	34	42	32	27	33	38	38	35	28	53	44	28	39	30	45.4	2400
GIANNOLA	41	31	27	35	55	54	42	33	30	24	20	32	49	52	51	27	19	20	29	23	19	26	29	31	17	11	21	25	17	21	17	29.9	EST
POTOMAC 4N	51	51	61	64	61	70	58	51	46	38	43	48	64	64	67	63	37	35	44	36	28	33	40	40	36	31	60	44	33	42	55	48.2	2100
COHEN	42	31	26	30	45	58	42	38	27	27	20	34	48	54	51	33	20	21	30	28	20	27	29	30	24	14	20	32	19	16	19	30.8	EST
OLNEY 1 S	51	48	55	59	62	68	54	50	44	35	40	48	62	63	66	61	33	35	44	34	28	33	38	40	34	30	>	52	30	39	32	45.6	2400
GIANNOLA	41	31	28	34	54	54	41	33	28	24	20	35	48	53	54	30	18	21	29	24	19	26	27	28	20	12	>	19	18	17	18	30.1	EST
MONTGOMERY VILLAGE	51	48	55	60	63	69	55	51	45	36	40	50	63	64	67	62	32	35	45	34	28	34	39	39	36	30	54	43	29	41	31	46.0	2400
ROTH 1SW	41	31	28	32	51	55	42	35	29	25	21	37	49	51	53	29	21	22	31	25	21	27	30	29	21	14	20	28	19	18	20	30.7	EST
GLENMONT 1NNE	52	50	58	61	64	71	56	52	47	37	43	50	66	65	68	64	35	36	46	36	29	34	43	41	36	34	56	42	34	42	35	47.8	2400
ROSSEN	43	30	26	31	55	54	41	33	27	25	20	31	47	51	52	30	21	20	31	25	20	29	27	29	21	14	20	28	20	17	20	30.3	EST
BETHESDA	51	49	57	61	64	70	57	53	45	36	41	50	64	65	68	64	32	35	44	34	29	32	39	38	37	31	57	45	30	42	32	46.7	2400
SCAFIDE	43	33	30	37	56	57	44	35	30	26	22	38	49	54	55	30	21	24	30	25	21	29	31	31	20	14	22	28	19	19	20	32.0	EST
GAITHERSBURG 2WNW	50	49	54	60	62	68	54	49	44	37	40	49	61	63	65	60	34	34	44	35	28	33	40	40	36	29	54	43	31	41	33	45.8	2400
SHAW	41	29	25	29	48	54	39	31	25	23	17	36	45	50	50	28	16	19	27	23	17	28	26	29	18	11	16	26	16	14	17	28.2	EST
FOREST GLEN	53	53	59	62	64	73	57	54	48	39	43	50	65	66	69	64	36	36	49	39	29	34	42	40	37	34	57	43	33	42	35	48.5	2400
TERRY	43	32	29	38	56	56	42	34	29	26	22	38	49	54	56	30	21	23	30	26	21	29	30	31	21	14	22	28	20	19	20	31.9	EST
ROCKVILLE 1NE	51	47	58	59	63	68	54	50	44	36	39	48	62	64	66	61	32	33	42	32	27	33	38	38	35	29	55	43	29	39	31	45.4	2400
WASH GAS LIGHT	41	30	25	32	55	54	42	35	30	24	18	38	48	52	55	30	18	19	29	24	19	27	30	30	18	12	20	26	18	19	18	30.2	EST
OXON HILL	57	51	59	65	65	74	59	55	49	39	45	53	64	69	70	64	35	35	48	37	30	34	42	41	39	33	59	46	33	44	35	49.3	2300
SMITH	47	33	29	44	53	59	47	38	33	26	23	39	53	56	58	31	23	22	32	29	24	30	30	33	23	16	23	30	21	18	22	33.7	EST
HOLLYWOOD	62	53	58	67	64	74	54	58	48	40	44	55	65	72	72	66	36	35	50	39	32	34	43	42	40	34	61	49	35	46	36	50.5	2359
ABELL	50	32	30	46	58	50	47	37	30	28	23	38	55	58	60	34	23	22	33	29	24	32	28	27	24	17	26	32	21	17	23	34.0	EST
RIDGE	62	53	58	65	65	72	60	63	50	40	44	56	66	72	70	61	33	35	51	40	32	36	44	43	41	35	61	44	35	46	34	50.5	2400
ZYLA	45	40	37	49	54	57	49	39	33	30	28	44	53	54	61	33	25	29	34	27	25	32	30	29	22	17	30	28	22	23	22	35.5	EST
SMITHSBURG 1.5 SW	48	46	55	62	63	66	52	49	43	33	40	53	59	64	61	54	31	32	39	32	26	31	36	37	34	27	50	43	27	39	30	43.9	2400
HUTTO	40	26	23	25	45	52	35	34	30	19	15	38	52	50	47	25	17	19	30	22	16	25	30	31	16	9	14	25	17	16	16	27.7	EST
HAGERSTOWN 1E	47	47	54	60	61	66	52	47	42	34	39	51	57	62	61	54	32	32	42	32	25	30	37	37	33	27	49	42	27	38	31	43.5	2400
KEEFER	41	27	23	26	48	52	36	31	27	20	17	36	49	50	46	25	16	20	29	21	17	24	29	29	15	8	15	25	16	16	13	27.3	EST
SMITHSBURG 2 NE	48	49	61	62	62	70	54	49	44	35	38	54	59	64	64	53	35	31	38	30	26	31	40	39	34	27	49	44	29	38	30	44.7	2400
VAUGHN	38	29	26	36	55	53	37	30	28	23	17	35	52	53	47	27	15	20	29	21	15	24	28	29	15	7	18	23	14	14	13	28.1	EST
SALISBURY	66	50	54	63	65	69	62	65	49	38	43	55	64	68	68	65	34	36	46	36	31	35	40	44	41	30	56	50	32	42	33	49.4	2400
NWS WICOMICO CO APT	49	27	22	45	54	45	39	39	25	22	17	35	54	56	58	33	15	17	32	24	22	30	20	23	24	17	18	32	12	10	16	30.1	EST
WASH NATIONAL	53	51	56	62	63	73	59	56	47	38	42	49	59	67	68	64	34	35	48	37	30	34	43	40	39	33	57	46	33	43	34	48.2	2400
NWS ASOS	44	35	32	42	52	56	46	36	32	29	26	39	48	51	52	31	23	26	31	27	24	30	32	32	22	15	25	29	21	20	22	33.2	EST
WASH DULLES	52	50	57	63	65	71	56	53	45	37	42	50	64	64	68	62	33	34	47	36	29	33	41	37	37	32	59	45	32	44	33	47.5	2400
NWS ASOS	44	29	26	31	57	56	41	32	28	25	20	38	49	54	54	30	22	20	28	25	20	29	29	30	20	15	19	27	19	15	20	30.7	EST
STERLING 4 N	50	53	57	62	64	72	58	51	47	36	45	49	62	62	67	62	36	34	45	38	29	34	41	39	39	32	59	45	32	43	34	47.6	2400
SHAFFER	43	34	28	31	56	57	42	37	32	27	22	37	47	51	53	31	22	23	30	28	24	29	31	32	23	17	22	29	21	19	21	32.2	EST
DAVIS 3 SE WV	51	46	37	46	52	55	46	46	33	26	18	41	48	50	51	55	26	23	31	25	17	33	31	20	22	16	28	37	21	13	21	34.4	0700
LESHER	38	25	25	36	36	46	30	33	20	14	11	18	38	47	49	26	6	5	20	11	6	17	16	17	14	2	4	17	0	1	2	20.3	EST

**ACON MD / DE / DC  
JANUARY 2007 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	1.75				0.11	0.02	0.58	0.74				T	0.03	0.02	T			0.01	T	T	0.02	0.03	T	T	0.01			0.01	0.03	0.05	T	3.41	2400	
WILMINGTON, DE NWS NEW CASTLE CO APT	1.65				0.16	0.01	0.57	0.74					0.07	0.06	0.07	T		0.01	T	T	0.04	0.06	T	T	0.01			T	0.03	0.04	T	3.52	2400	
NEWARK AG FARM, DE U OF DE DEOS	1.70				0.14	0.02	0.25	0.93	0.08				0.06	0.04								0.11										3.33	2400	
TOWNSEND 4 W, DE U of D DE Townsend Farm																																	2400	
GEORGETOWN, DE NWS SUSSEX CO APT	1.77				0.17	0.41	0.42	0.55		T				T				0.16	0.03	T	0.16	0.07			0.02			0.03	T			3.79	2400	
GEORGETOWN, DE UofD RESEARCH & ED CTR	M				0.20	0.59	0.41	0.48										0.15	0.04		0.16	0.26	0.01		0.1			0.03	0.01			2.34	2400	
HARBESON 8 S, DE UofD WARRINGTON FARM	1.49				0.15	0.44	0.48	0.46										0.19	0.04		0.28											3.53	2400	
FROSTBURG LATTA	0.45	0.05	T		0.06	0.03		0.72	0.03	0.03	T		0.01	0.13	0.05	0.06	0.02		0.04	0.02		0.26	0.05	T	0.04	0.06	T	0.05	0.02		0.07	2.25	0700	
LAVALE MULLINS**	0.25	0.04			T	0.03	0.51	0.06	0.01	T	0.01	T	0.03	0.03	T	T		T	T	T	0.25	T	T	T	0.06	T	T	0.01		T		1.29	2400	
ANNAPOLIS 2 N BRYANT																																	2400	
PASADENA 3 SW HANSON	1.09				0.30	0.01	0.35	0.55				0.03		0.03								0.07	0.13	0.03				0.03	0.01			2.63	2400	
LOTHIAN JUG BAY	1.10	M	0.23		0.08	0.14	0.01	1.00	M	0.21		T	T	0.02	0.01				0.01			0.43						0.02	M			3.26	0900	
BWI NWS ASOS	1.07				0.31	0.03	0.31	0.50	T			0.03	T	0.05	T			T		T	0.15	0.01	T		T			0.02		T		2.48	2400	
LAUREL 2 E STOUDT	1.14				0.35	0.03	0.32	0.51	T			0.05	0.01	0.06	T			0.01			0.25	0.02			T			0.02		T		2.77	2400	
PARKTON 5SW KREINK	1.15				0.10	0.22	0.10	0.99				T		0.10	T	T			T		0.01	T	T		T	T			0.01	0.01	0.01	0.01	2.69	2200
OWINGS MILLS 2SE SHARROW	0.91				0.16		0.47	0.43	T			T	T	0.04	T	T				T	0.06	T	T	T	0.05	T		T		0.06		2.18	2400	
BALTIMORE 2SE MANFRE	0.85			0.09	0.19	T	0.35	0.49				T		0.03							0.12	0.01	T		T			0.02		T		2.15	1800	
BALT INNER HARBOR MD SCIENCE CENTER	0.92				0.18	0.04	0.39	0.48					0.01	0.01							0.12	0.01			0.01			0.01				2.18	2400	
MANCHESTER 1SW CLOSE	0.97				0.17	0.19	0.64	0.43		T		T	0.01	0.06		0.01		T		T	0.05	T	T	T	0.03					0.03		2.59	2300	
WESTMINSTER 4 SSE HARTSOCK	1.62				0.50	0.17	0.29	0.97				T	0.01	0.02						T	0.08				0.01	T			0.03		0.03	3.70	2000	
WESTMINSTER 5 SSE KLEIN	1.39				0.45	0.13	0.63	0.51						0.02	0.01						0.06				0.02				0.04		0.04	3.26	2200	
MILLERS 4NE MILLER	1.09				0.15	0.24	0.09	0.95		T		0.01	0.02	0.11	0.01	T			T		0.02	0.01	0.01		T	T	T	T	0.01	0.02	0.01	2.74	1800	
WESTMINSTER CITY MULLER	0.97				0.18	0.03	0.22	0.81					0.02	0.04	T	T				0.01	0.06	T	T					0.03		0.03	2.37	1900		
BRYANS ROAD 2 ESE BRUMBACK	1.44				0.31	0.08	0.39	0.58	0.08			0.02		0.04				0.05			0.37	0.03		0.01	T			0.06			3.46	2400		
																					2.1										2.2	EST		

**ACON MD / DE / DC  
JANUARY 2007 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
EAGLE ROCK HARVEY	0.38	0.05 0.5			0.06	0.05		0.73	0.07	0.33	T		0.20	0.30	0.17	0.40	0.10		0.15	0.12		0.22	0.10	0.05	0.07	0.20		0.10	0.10	T	0.20	4.15	0800
LAUREL JHU / APL GIANNOLA	0.98				0.24	0.05	0.39	0.45	T			0.05	0.01	0.06							0.13 1.3				T	T		0.01		T		2.37	2400
POTOMAC 4N COHEN	0.78				0.34	0.04	0.26	0.54	0.02			0.05	T	0.12	0.01					T	0.19	T	T		0.01			T		0.01		2.37	2100
OLNEY 1 S GIANNOLA	0.72				0.23	0.04	>	0.80	0.01			0.03	0.01	0.07	0.01			T		T	0.14	T			0.01			T		T		2.07	2400
MONTGOMERY VILLAGE ROTH 1SW	1.09				0.38		0.49	0.47	0.03			0.06	0.05	0.10	0.03					0.01	0.11	0.01							0.01		2.84	2400	
GLENMONT 1NNE ROSSEN	0.95				0.45	0.02	0.37	0.43	T			0.03	T	0.09	T			T			0.21	0.01	T	T	T			0.02		T		2.58	2400
BETHESDA SCAFIDE	0.91				0.29	0.02	0.40	0.41	0.01			0.03	0.01	0.13					0.01		0.20				0.01			0.04			2.47	2400	
GAITHERSBURG 2WNW SHAW	1.02				0.36	0.04	0.54	0.36	0.01			0.02	0.01	0.10	0.01						0.11	T	T		T			T		T		2.58	2400
FOREST GLEN TERRY	1.06				0.31	0.02	0.32	0.38	T			0.05	0.01	0.10				T			0.22	0.02			T			0.04		T		2.53	2400
ROCKVILLE 1NE WASH GAS LIGHT	0.62				0.27	0.03	0.35	0.37	T			0.05	0.01	0.09				T		T	0.13	T	T		T			T		T		1.92	2400
OXON HILL SMITH	1.20				0.22	0.02	0.24	0.68	0.02			0.02	0.01	0.07	T	T		T		T	0.36	0.07		T	0.01			0.05		T		2.97	2300
HOLLYWOOD ABELL	2.09				0.26	0.28	0.63	0.40	0.10			T	T	T				0.14	0.02		0.54	T			0.01			0.04			4.51	2359	
RIDGE ZYLA	2.39				0.44	0.41	0.61	0.08	0.15				T	T	T			0.13	0.02		0.62				T			0.03			4.88	2400	
SMITHSBURG 1.5 SW HUTTO	0.67				0.26	0.15	0.62	0.38						0.08	0.05	0.06	0.01				0.04				T				0.2		2.32	2400	
HAGERSTOWN 1E KEEFER	0.65				0.26	0.12	0.58	0.37	T				0.05	0.05	0.03	T			T	T	0.04	T		T	T	T			0.05		2.20	2400	
SMITHSBURG 2 NE VAUGHN	0.12				0.18	0.16	0.58	0.33	T	T			0.11	0.06	0.06						0.03	0.02		T	0.02	T			0.01		1.68	2400	
SALISBURY NWS WICOMICO CO APT	1.30				0.51	0.52	0.51	0.60	T			T		T		T		0.17	0.05		0.30		0.04		T			0.04			4.04	2400	
WASH NATIONAL NWS ASOS	1.03				0.19	0.02	0.23	0.50	T			0.02	0.01	0.06	T			T		T	0.33	0.02	T	T	T			0.05		T		2.46	2400
WASH DULLES NWS ASOS	0.68				0.29	0.01	0.42	0.29	0.03			0.05	T	0.10	T			T			0.22	0.01		0.01	T	T			T		2.11	2400	
STERLING 4 N SHAFFER	0.87				0.22	0.04	0.55	0.26	0.02	T		0.04	0.01	0.13	0.01	T					0.21			0.01					0.01		2.38	2400	
DAVIS 3 SE WV LESHAR	0.48	0.16 1.1	0.03 0.2		0.18	0.25	0.02	0.75	0.15	0.58	0.06		0.31	0.58	0.26	0.44	0.30	T	0.24	0.32	0.02	0.42	0.17	0.08	0.14	0.55	T	0.16	0.37	0.02	0.23	7.27	0700
							T		1.4	9.5	1.2				0.9	6.4	T	1.4	3.8	0.3	3.3	1.7	1.0	2.0	7.0	T	1.0	6.0	1.0	6.0	55.2	EST	