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

## MILD WITH A FEW FLURRIES

December 2006 continued the period of above normal temperatures which began last month. NWS Washington National (DCA), Baltimore (BWI), and Wilmington DE (ILG) all set daily record high temperatures on the 1st and 18th. Precipitation was below normal which allowed the soggy ground to dry after a wet autumn. The coldest portion of the month occurred between the 4th and 9th. Precipitation was light during the first three weeks. Almost all of the months precipitation fell from the 22nd to the 25th. Snowfall east of the mountains was limited to a few flurries to a very light coating.

The month began with strong southerly winds and morning minimum temperatures in the lower 60's. Temperatures rose to the low to mid 70's ahead of a strong cold front. **Greg Keefer** of **Hagerstown 1E** observed 72 which broke the record high of 68 set in 1928. The warmest reported by ACON observers was 79 by **Joe Manfre** of **Baltimore 2 SE**, and 76 by **Dan Hanson** of **Pasadena 3 SW**, **Brian Smith** of **Oxon Hill**, and **Floyd Abell** of **Hollywood**. **Jim Vaughn** of **Smithsburg 2 NE** reported a peak wind gust of 68 MPH and wind damage to his holiday decorations and home. 50 MPH plus gusts were also reported by the following ACON observers: 53 MPH by **Rich Giannola** of **JHU/APL** in **Laurel**, 52 MPH by **Greg Keefer** of **Hagerstown 1E**, and 51 MPH by **Gary Gallaher** of **Bear 2 SW DE**, **Ralph Hartsock** of **Westminster 4 SSE**, and **Bobby Miller** of **Millers 4 NE**. Thunder was reported by some observers as a strong cold front moved through during the afternoon hours.

The coldest weather of the month followed. Daily minimums remained below freezing from the 3rd to the 10 at most locations. A few scattered light snow flurries fell on the 5th.

Maximum temperatures briefly rose into the upper 40's and lower 50's on the 6th and 7th ahead of another strong cold front. Light snow showers or flurries was reported by some observers as the front moved through the region during the late afternoon and evening hours of the 7th. The coldest maximum temperatures of the month followed on the 8th. This was the only day of the month were temperatures failed to rise above freezing at many stations in the northern portion of the region east of the mountains. The coldest air remained in the mountains. **Rebecca Harvey** of **Eagle Rock** recorded a max of only 15, **Greg Latta** of **Frostburg** 19 and **Dave Leshner** of **Davis 3 SE WV** 9 degrees.

Temperatures for the balance of the month were mild for December. Fog, some dense, was reported on numerous days from the 13th to the 31st.

The next and last extreme warmth this month occurred on the 18th. 70 degree temperatures were common. The highest reported was 77 degrees by **Joe Manfre** of **Baltimore 2 SE** and 75 by **Marty Brumback** of **Bryans Road 2 ESE**. **Greg Keefer** of **Hagerstown 1E** reported a record of 66 which broke his old record of 64 set in 1984.

Two significant precipitation events occurred within days of each other on the 22nd / 23rd and 25th / 26th. Other than light events of around a tenth of an inch on the 1st, 13th, and 31st little or none fell. Amounts of 1 to 1 1/2 inches fell from Baltimore, Howard, and Montgomery counties westward on the 22nd/23rd. The heaviest reported was 1.79" by **Al Kreinik** of **Parkton 5 SW** and 1.68" by **Ralph Hartsock** of **Westminster 4 SSE**.

Amounts which fell on Christmas were less than the previous event. Amounts were generally in the one half to three quarter inch range. The heaviest amounts reported was 0.97" by **Rebecca Harvey** of **Eagle Rock**, **Dean Dey** of **U of**

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

Baltimore 2 SE	79
Pasadena 3 SW	76
Jug Bay Wetlands	76
Oxon Hill	76
Hollywood	76

##### MINIMUM TEMPERATURE

Davis 3 SE WV	5
Eagle Rock	6
Frostburg	12

##### WARMEST AVG. TEMP.

Baltimore 2 SE	48.2
Ridge	46.2

##### COLDEST AVG. TEMP.

Davis 3 SE WV	34.1
Eagle Rock	36.7
Frostburg	37.2

##### MAXIMUM PRECIPITATION

Davis 3 SE WV	2.97
Smithsburg 2 NE	2.88
Westminster 4 SSE	2.61
Smithsburg 1.5SW	2.61

##### MINIMUM PRECIPITATION

Bryans Road 2 ESE	1.50
Oxon Hill	1.53
Hollywood	1.59

##### MAXIMUM SNOWFALL

Davis 3 SE WV	11.2
Eagle Rock	4.0
Frostburg	1.8

**Delaware Warrington Farm** in **Harbeson 8 S DE**, and 0.78" by **Nate Mullins** of **LaVale**.

The heaviest daily snowfall amount in the Maryland mountains was 3 inches at **Eagle Rock** on the 8th. 7.2 inches was reported in **Davis 3 SE WV** on the 8th.

# OBSERVER COMMENTS FOR DECEMBER 2006

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

**1st** - Windy, very warm 74 degrees. Falling temperatures at night. 2nd warmest day ever for December in 40 years of records.

**5th** - Windy, brief snow flurry around 3 PM.

**13th—15th** - Dense fog formed during the evening of the 13th and hung around till the 15th.

## **Nate Mullins of LaVale**

**25th** - Thunder

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

Mild and snow-less described December. Two moderate rainfalls during the Christmas holiday period accounted for the great majority of this month's precipitation.

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

**1st** - Little rain but thunder to the north.

**13th** - Heavy AM fog, poor visibility.

**25th** - Moderate afternoon rain.

## **Marty Sharrow of Owings Mills**

**8th** - Sunshine, windy, quite cold.

**14th** - Lots of fog. Some PM sun and damp.

**18th** - Warm with a mix of sun and clouds.

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

**7th** - Very windy, turning colder in PM.

**25th** - Rain developed in early afternoon.

**31st** - Cloudy, mild, light rain showers in PM.

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

**1st** - Very windy. Severe thunderstorm warning. Bolts of lightning around 5 PM.

**8th** - Very windy, bitter cold.

**18th** - Partly cloudy and really warm.

**30th** - Fog early - sunny and mild.

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

**25th** - Rainy, raw Christmas day.

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

**1st** - Few showers and thunderstorm with wind gusts of 40 MPH 5:00—5:15 PM. Peak wind gust of 51 MPH from the WSW at 2:20 PM.

**3rd** - Heavy AM frost. Halo at observation.

**7th** - Snow squall during evening after observation.

**8th** - Light snow 4 - 6 AM.

**14th** - Very heavy fog then sun by 8 AM. Relative humidity 35% at 2 PM.

## **Ray Muller of Westminster City**

**5th & 8th** - Snow flurries

**30th** - Visibility reduced to 1/16th mile in dense fog.

## **Rebecca Harvey of Eagle Rock**

**8th** - 3" snow depth, maximum for the month.

**14th, 20th, & 30th** - Heavy frost.

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

**7th** - Peak wind gust 41 MPH from NW at 8:29 AM.

**13th** - Morning fog and rain. Fog dissipated by 9 AM.

**14th** - Morning fog, dissipating by 7:30 AM.

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

**1st** - Morning minimum temperature in the lower 60's.

**7th** - Light flurries around 9 PM +/-.

**1st, 10th, 17th, 18th** - Record maximum temperatures.

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

**8th** - Snow shower ~ 8:30 PM.

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

Snow-less month.

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

**7th** - Brief snow shower on the way home from work.

**10th & 18th** - Record maximum temperatures.

## **Joe Terry of Forest Glen**

Warmest average max temperature in 12 year station history. 23 days reached 50 degrees or higher.

**1st** - Unusually warm and humid before early evening FROPA, turning much colder and drier during evening. Dew point dropped from 67 degrees to the upper 20's during the PM.

**7th** - First snowflakes of the season.

**18th** - Warmest I've ever seen so close the solstice.

## **Floyd Abell of Hollywood**

**1st** - Few light showers, windy at times.

**23rd** - Rain before dawn, fair late AM, afternoon, and evening.

**30th** - Very dense morning fog, fair afternoon and evening.

## **John Zyla of Ridge**

**6th** - First yard-wide frost of the season.

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

**4th** - Cold AM Very windy, falling temperatures.

**7th** - Cold, cloudy, very windy, evening show squalls.

**22nd** - Rain almost all day, heavy at times, breezy.

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

**1st** - Record warmth. Old record 68 set in 1929. A spring like day warm and humid with passing showers throughout the day along with strong SSE winds gusting to 46 MPH. Cold front passage passed in the afternoon with high winds during the evening from west gusting to 52 MPH and falling temperature into the 40's - some wind damage to power lines and trees reported.

**18th** - Record warmth. Old record 64 set in 1984. Strong west winds gusting to 36 MPH midday.

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

**1st** - Record high of 73 broke the 66 set in 1991. Winds gusting to 68 MPH at 1:29 PM. Beautiful late afternoon rainbow to the NNE. Winds destroyed 150 feet of Christmas lights. It also blew some siding and an awning off of the house.

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

**3rd** - Frosty start.

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

**8th & 9th** - 6" snow depth, the greatest of the month.

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

**ACON MD/DE/DC  
DECEMBER 2006 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>																									
Gallagher, Gary	Bear 2 SW	50.9	30.6	40.8	74	1	19	9	0	1	21	51	SSW	1	1.86	0.67	22	47.41	7	0	T	T	5	T	2400
Gallagher, Steve	North St. Georges	51.2	32.2	41.7	74	1	22	6+	0	1	17				1.89	0.70	22	48.60	6	0	T	T	7	T	2200
NWS Wilmington	New Castle Co. Apt.	50.8	32.3	41.6	74	1	20	6+	0	0	18	49	SSW	1	1.93	0.76	22	49.41	7	0	T	T	7	T	2400
U of DE DEOS	UofD AG Farm Newark, DE	51.0	32.0	41.5	73	1	20	6+	0	1	19				1.96	0.61	22	<u>47.42</u>	7	0					2400
U of D Townsend Farm	Townsend 4 W																	<u>32.82</u>							2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	54.2	33.0	43.6	74	1	17	9	0	0	17	39	WSW	1	2.05	0.77	25	48.46	10	0					2400
U of D Research & Ed Ctr	Georgetown	54.2	32.7	43.5	74	1	17	9	0	0	19				2.40	0.72	25	47.23	10	0	0.0	0.0		0.0	2400
U of D Warrington Farm	Harbeson 8 S	<u>53.5</u>	<u>30.8</u>	<u>42.2</u>	70	18	16	9	0	0	19				1.66	0.89	25	32.86	7	0					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	45.6	28.7	37.2	66	2	12	8	0	3	21				2.43	0.96	23	37.70	8	0	1.8	1.2	6	3.1	0700
Mullins, Nate**	LaVale	50.2	31.3	40.8	72	1	20	7+	0	0	19				2.56	1.15	22	33.92	12	1	0.5	0.5		0.5	2400
<i>Anne Arundel, Maryland</i>																									
Bryant, Dave	Annapolis 2 N	51.3	38.0	44.7	71	1	23	9	0	0	7						47.20								2400
Hanson, Dan	Millersville 1 SE	Station closed 3/31/2006																<u>6.33</u>							2400
Hanson, Dan	Pasadena 3 SW	53.4	31.4	42.4	76	1	16	9	0	0	20	39	ESE	1	1.75	0.74	22	45.86	7	0	0.0	0.0		0.0	2400
Jug Bay Wetlands	Lothian	56.3	32.0	44.2	76	2	14	9	0	0	17				1.62	0.79	27	50.85	9	0	0.0	0.0		0.0	0900
NWS Baltimore	BWI Airport	52.5	32.3	42.4	75	1	18	9	0	0	18	44	NW	1	1.88	0.93	22	43.25	6	0	T	T	5	T	2400
Stoudt, Jeff	Laurel 2 E	53.0	34.2	43.6	73	1	21	9	0	0	14				1.81	0.95	22	48.00	6	0	0.0	0.0		0.0	2400
<i>Baltimore, Maryland</i>																									
Kreinik, Al	Parkton 5 SW	50.6	30.5	40.6	70	1	14	9	0	0	20				2.60	1.46	31	44.15	7	1	0.0	0.0		0.0	2200
Sharrow, Marty	Owings Mills 2 SE	50.5	31.4	41.0	73	1	17	9	0	1	16				1.78	0.90	22	43.03	5	0	T	T	7	T	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	55.8	40.6	48.2	79	1	25	9	0	0	4				2.07	0.94	22	41.10	6	0	0.0	0.0		0.0	1800
Maryland Science Ctr	Baltimore Inner Harbor	55.6	40.8	48.2	78	1	25	9	0	0	4				2.18	0.98	22	40.11	6	0					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	50.5	33.3	41.9	72	1	18	8+	0	1	12				2.45	1.36	22	42.50	8	1	T	T	5+	T	2300
Hartsock, Ralph	Westminster 4 SSE	48.8	31.6	40.2	71	1	17	9	0	1	15	51		1	2.61	0.94	22	<u>51.20</u>	7	0	0.0	0.0		0.0	2000
Klein, Greg	Westminster 5 SSE	47.6	32.5	40.1	70	1	17	9	0	1	13				2.36	1.00	22	50.70	7	1	0.0	0.0		0.0	2200
Miller, Bobby	Millers 4 NE	49.9	31.2	40.6	71	1	15	9	0	1	18	51	WSW	1	2.40	1.02	23	43.15	9	1	0.2	0.2	8	0.2	1800
Muller, Ray	Westminster City	51.1	33.7	42.4	72	1	18	9	0	1	13	45	WSW	1	2.17	0.77	22	47.18	7	0	T	T	5+	T	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Head 2 ESE	54.9	34.3	44.6	75	1	16	9	0	14	14	44		1	1.50	0.62	22	24.69	8	0	0.0	0.0		0.0	2400
<i>Frederick, Maryland</i>																									
Lawrence, Bryon	Frederick 3 WNW																21.70								2300
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	45.6	27.7	36.7	69	1	6	8	0	4	24				2.41	0.85	23	43.26	7	0	4.0	3.0	8	8.5	0800
<i>Harford, Maryland</i>																									
Albright, Lynn	Fallston 2 NW																								2400



**ACON MD / DE / DC  
DECEMBER 2006 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	74 46	47 36	45 25	39 23	39 21	51 19	54 26	32 23	40 22	55 25	61 29	53 32	53 38	48 42	51 38	51 30	54 28	71 38	48 28	46 22	52 30	54 43	59 41	53 29	50 27	53 44	45 27	49 25	52 26	52 35	46 31	50.9 30.6	2400 EST	
NORTH ST. GEORGES, DE GALLAHER	74 45	48 35	46 27	38 28	40 25	51 22	54 23	32 22	40 20	55 28	61 30	54 35	53 40	49 42	M M	M M	M M	70 40	48 30	46 26	52 32	55 43	59 40	53 30	50 44	46 29	50 29	53 30	54 38	46 33	51.2 32.2	2200 EST		
WILMINGTON, DE NWS NEW CASTLE CO APT	74 46	48 35	43 27	38 28	39 25	50 20	55 26	33 22	41 20	55 26	61 31	53 32	52 40	46 41	53 41	52 35	55 30	71 41	48 30	45 25	50 32	56 43	59 43	53 34	49 30	53 43	46 33	50 29	52 28	52 35	44 31	50.8 32.3	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	73 45	46 36	45 28	38 26	38 23	51 20	55 25	32 22	42 20	55 26	61 30	53 33	52 42	50 42	52 42	51 32	55 29	71 44	47 30	47 26	51 30	55 43	M 38	M 33	M 29	M 43	M 30	M 28	51 28	53 36	M 32	51.0 32.0	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm																																		2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	74 52	52 38	45 33	42 24	41 23	53 21	56 29	34 24	41 17	55 31	62 31	56 33	57 46	58 40	61 39	53 31	61 30	72 46	52 35	47 28	51 33	59 43	62 37	53 32	62 30	63 45	47 29	52 26	54 31	57 32	49 34	54.2 33.0	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	74 52	52 38	41 26	42 24	41 23	M 26	57 28	34 25	41 17	55 31	63 30	56 33	57 42	58 39	61 44	53 32	61 46	71 33	52 25	48 33	50 32	59 42	63 39	53 31	63 44	63 44	46 30	52 26	54 31	57 32	49 32	54.2 32.7	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	M M	M M	M M	55 33	40 23	52 21	56 28	33 23	40 16	55 27	61 30	M M	54 32	57 39	60 40	52 30	61 29	70 45	51 35	47 25	50 31	57 42	62 36	52 30	61 29	62 44	45 28	51 25	52 30	56 32	49 32	53.5 30.8	2400 EST	
FROSTBURG LATTA	60 50	66 28	35 22	41 16	24 16	27 17	48 19	36 12	19 13	36 18	49 34	55 34	55 36	54 36	56 38	52 29	50 29	61 49	56 30	40 25	46 25	53 39	47 39	46 36	41 27	40 32	44 29	34 28	44 29	47 27	51 27	45.6 28.7	0700 EST	
LAVALE MULLINS**	72 38	45 31	50 28	38 23	36 22	45 20	40 20	33 24	47 20	62 26	65 30	62 28	62 34	64 32	60 33	45 32	67 30	62 44	54 31	44 26	47 36	46 42	53 45	46 37	45 43	40 37	45 35	47 32	46 32	46 29	46 34	50.2 31.3	2400 EST	
ANNAPOLIS 2 N BRYANT	71 52	52 39	46 34	44 34	42 31	50 29	53 32	37 27	41 23	49 31	51 37	54 38	53 42	50 42	54 38	52 43	54 39	68 38	51 43	52 34	52 39	56 48	60 53	53 46	49 50	57 44	53 44	48 29	47 26	46 32	46 35	51.3 38.0	2400 EST	
PASADENA 3 SW HANSON	76 53	53 38	44 26	41 23	41 20	53 20	57 28	35 23	44 16	59 23	63 29	55 29	57 38	52 38	58 35	54 31	63 29	73 43	52 28	50 24	53 38	56 43	61 38	53 43	49 28	54 44	47 29	51 26	52 29	55 32	45 34	53.4 31.4	2400 EST	
LOTHIAN JUG BAY	74 62	76 36	51 26	46 32	41 19	44 19	53 34	57 23	38 14	46 21	M M	66 27	58 38	60 38	62 35	64 35	56 30	67 45	74 40	64 24	53 32	50 42	60 47	51 32	55 29	M 33	54 25	48 28	53 31	55 31	56 31	56.3 32.0	0900 EST	
BALTIMORE NWS BWI APT	75 45	48 37	43 28	40 24	40 22	51 21	55 24	34 22	43 18	58 24	63 30	53 32	56 39	55 39	60 35	53 33	61 29	72 47	51 32	49 25	53 35	53 44	60 47	53 31	50 30	53 44	47 31	49 28	51 30	54 37	45 38	52.5 32.3	2400 EST	
LAUREL 2 E STOUDT	73 45	49 36	45 28	39 28	39 26	51 24	55 25	35 23	43 21	58 23	62 28	57 34	60 36	60 41	53 37	60 35	72 32	51 47	51 35	51 28	54 39	56 45	59 45	52 32	49 42	52 44	47 34	51 31	54 32	54 36	45 46	53.0 34.2	2400 EST	
PARKTON 5SW KREINIK	70 58	45 32	42 22	34 22	36 20	48 17	50 24	33 18	40 14	57 22	59 30	52 32	57 37	63 32	58 34	51 30	63 27	68 44	50 33	47 22	47 29	50 42	57 41	51 37	42 33	55 42	45 32	49 28	53 29	55 33	41 30	50.6 30.5	2200 EST	
OWINGS MILLS 2SE SHARROW	73 43	47 35	37 25	36 22	38 20	47 20	48 18	32 17	40 25	56 34	61 34	53 34	55 35	54 35	59 34	55 34	62 44	69 44	49 35	48 25	52 33	50 41	55 40	52 31	48 41	53 32	44 28	48 29	51 38	53 38	42 32	50.5 31.4	2400 EST	
BALTIMORE 2SE MANFRE	79 49	52 42	47 38	46 34	43 32	55 29	58 27	39 25	47 33	62 41	66 47	57 46	58 45	50 43	61 44	56 41	62 51	77 41	55 41	51 37	57 42	57 49	61 47	56 44	52 42	59 48	49 41	52 38	55 43	59 45	52 41	55.8 40.6	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER	78 49	51 42	48 38	45 34	43 32	55 29	58 27	38 25	47 33	61 41	66 47	57 46	57 45	48 45	60 45	56 41	61 51	76 41	55 37	51 42	57 42	57 49	63 52	56 44	54 42	49 48	49 41	54 38	54 45	59 41	52 40	55.6 40.8	2400 EST	
MANCHESTER 1SW CLOSE	72 40	45 32	44 26	34 24	37 22	47 20	49 18	31 18	39 18	57 34	57 42	61 40	51 40	56 40	61 39	52 35	64 37	68 42	49 30	48 26	48 37	50 41	56 43	51 36	54 38	43 38	47 31	50 36	52 39	44 32	50.5 33.3	2300 EST		
WESTMINSTER 4 SSE HARTSOCK	71 47	47 33	41 23	34 24	36 19	44 18	51 31	37 19	51 17	55 23	52 32	55 35	58 37	57 35	48 36	62 33	69 30	50 51	44 34	51 24	46 33	54 40	47 44	47 39	44 28	50 40	42 34	47 28	48 28	48 34	42 30	48.8 31.6	2000 EST	
WESTMINSTER 5 SSE KLEIN	70 40	41 33	42 25	35 23	35 22	45 24	44 18	30 17	47 26	54 39	51 37	52 42	56 42	55 42	49 38	59 35	65 45	46 32	44 27	49 34	48 41	50 42	53 41	47 35	46 38	50 40	40 32	46 30	47 34	48 37	42 32	47.6 32.5	2200 EST	
MILLERS 4NE MILLER	71 60	64 31	41 21	34 25	36 18	47 17	49 29	30 17	38 15	55 27	59 34	51 33	56 42	61 37	57 36	64 30	67 31	52 46	46 31	46 21	43 32	55 38	50 43	39 37	52 27	42 39	42 33	47 26	51 29	51 34	42 29	49.9 31.2	1800 EST	
WESTMINSTER CITY MULLER	72 51	51 35	40 25	34 26	38 23	48 22	46 29	32 19	41 18	56 28	62 34	51 36	57 47	60 36	59 40	52 33	63 34	71 47	52 35	47 25	49 37	49 43	58 45	51 38	45 31	51 41	46 36	50 31	49 30	52 38	51 32	51.1 33.7	1900 EST	
BRYANS ROAD 2 ESE BRUMBACK	75 47	51 38	43 30	41 25	45 23	53 25	56 25	36 23	44 16	61 28	63 30	60 35	58 44	62 42	65 44	56 36	66 36	75 51	54 37	53 28	47 40	59 45	64 40	55 34	51 32	50 44	52 31	51 28	53 30	48 42	54.9 34.3	2400 EST		

**ACON MD / DE / DC**  
**DECEMBER 2006 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																																	2300 EST	
EAGLE ROCK HARVEY	62 56	69 20	32 20	46 10	22 12	39 19	50 28	34 6	15 8	32 10	48 30	54 32	52 36	52 40	56 40	50 26	52 26	60 48	50 30	40 22	50 30	50 40	50 40	46 30	38 26	46 32	42 26	34 24	42 30	52 30	50 32	45.6 27.7	0800 EST	
FALLSTON 2 NW ALBRIGHT																																	2400 EST	
LAUREL JHU / APL GIANNOLA	71 40	43 33	40 26	36 25	36 24	49 21	51 21	31 19	42 18	57 28	61 34	51 36	57 42	59 35	60 38	51 34	63 31	69 47	48 33	48 26	52 35	53 43	58 46	50 34	48 30	52 41	44 36	48 30	50 32	54 37	45 34	50.9 32.5	2400 EST	
POTOMAC 4N COHEN	73 50	50 36	44 28	39 26	39 22	51 21	54 28	34 22	45 16	61 23	51 30	63 31	58 40	64 35	60 36	54 35	61 31	71 40	55 34	53 25	51 33	52 44	59 41	53 33	47 30	51 42	48 38	50 27	56 30	55 34	47 34	53.6 32.0	2100 EST	
OLNEY 1 S GIANNOLA	72 42	46 34	43 28	38 24	40 22	49 23	51 23	33 20	41 17	56 25	59 35	56 35	55 43	59 37	58 40	52 35	62 44	70 44	50 31	48 26	53 37	52 44	> >	> >	> >	> >	> >	> >	56 29	52 35	45 35	51.8 32.3	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	74 44	46 37	43 28	40 27	38 23	50 22	52 22	32 19	42 22	56 24	59 32	56 33	56 33	62 40	59 36	51 38	63 34	69 32	49 40	50 26	52 38	54 45	58 45	51 33	48 31	52 41	45 33	50 29	52 31	52 35	46 34	51.7 32.5	2400 EST	
GLENMONT 1NNE ROSSEN	75 44	48 36	44 28	40 25	42 22	52 21	55 28	34 21	45 17	59 23	62 29	57 31	58 37	63 35	62 35	53 32	65 30	71 39	50 30	51 25	53 34	54 45	60 41	54 31	49 30	53 43	48 30	54 28	55 30	46 31	55 32	46 31	53.6 31.0	2400 EST
BETHESDA SCAFIDE	74 43	46 37	43 30	40 27	39 25	51 25	53 23	33 22	42 18	58 26	60 36	56 37	57 44	61 38	61 40	52 37	65 36	71 48	50 33	49 28	51 39	54 45	59 43	51 35	48 34	52 43	46 35	49 29	52 33	54 36	44 38	52.4 34.3	2400 EST	
GAITHERSBURG 2WNW SHAW	73 42	47 35	44 25	38 24	39 18	50 22	52 20	33 14	43 20	58 29	60 30	55 38	56 33	60 34	59 33	53 33	62 28	71 37	49 29	48 23	52 33	52 44	57 41	50 31	47 29	51 41	45 31	48 27	52 28	51 31	45 32	51.6 29.8	2400 EST	
FOREST GLEN TERRY	74 44	51 36	44 29	40 26	42 24	52 24	55 24	37 22	44 17	60 26	64 33	59 37	59 42	64 38	63 39	55 36	65 36	74 44	53 31	51 27	54 39	55 45	62 41	55 34	49 32	53 42	48 33	51 29	56 32	56 36	47 37	54.6 33.4	2400 EST	
ROCKVILLE 1NE WASH GAS LIGHT	73 43	45 35	42 25	38 25	38 19	50 24	50 22	32 18	43 M	60 31	54 36	54 36	60 34	60 36	51 33	65 36	70 45	49 34	49 25	52 39	53 44	58 44	50 40	48 30	51 29	44 40	49 34	49 29	50 34	45 36	51.2 32.3	2400 EST		
OXON HILL SMITH	76 46	50 39	46 32	43 27	43 26	54 27	56 27	36 24	42 19	59 27	62 35	58 37	63 45	63 41	62 43	54 37	65 37	73 46	52 39	51 29	48 38	62 44	54 42	50 40	55 37	49 45	51 33	55 29	53 36	49 37	54.4 35.5	2300 EST		
HOLLYWOOD ABELL	76 51	52 41	45 36	41 24	45 24	53 26	58 27	37 24	42 17	59 28	64 32	59 34	56 44	61 40	64 41	56 37	65 37	74 51	55 37	51 28	60 39	63 47	56 54	59 33	56 34	51 45	54 42	56 29	56 33	50 36	55.6 35.7	2359 EST		
RIDGE ZYLA	75 50	53 43	46 39	41 28	46 31	55 34	58 25	37 24	43 20	57 35	55 37	56 40	55 41	51 39	64 44	51 40	65 46	73 52	45 37	51 34	51 44	58 48	61 40	56 38	56 46	51 42	54 39	53 34	56 37	50 37	54.3 38.1	2400 EST		
SMITHSBURG 1.5 SW HUTTO	73 41	42 31	44 22	36 23	37 19	49 17	44 21	30 20	42 19	58 29	59 28	56 28	58 37	62 32	60 42	49 29	64 27	67 41	47 28	49 20	48 31	47 39	56 44	50 27	43 27	53 39	43 34	49 28	52 26	51 27	44 31	50.4 29.3	2400 EST	
HAGERSTOWN 1E KEEFER	72 41	43 30	43 23	36 25	35 20	47 17	42 19	30 17	41 26	58 29	58 27	53 37	56 40	60 32	59 39	48 29	62 39	66 27	47 20	47 35	45 30	46 39	55 41	50 28	41 37	51 37	43 27	45 27	49 26	50 30	42 26	49.0 28.6	2400 EST	
SMITHSBURG 2 NE VAUGHN	73 41	49 33	53 25	36 25	40 23	47 21	46 20	32 17	40 17	58 31	63 37	58 38	69 46	59 46	56 34	65 32	70 35	49 30	55 24	49 37	51 43	58 44	54 32	48 31	52 38	54 33	48 30	52 30	57 35	47 35	52.9 32.3	2400 EST		
SALISBURY NWS WICOMICO CO APT	73 54	54 39	48 34	42 21	42 20	53 19	56 28	34 23	41 13	54 21	62 26	59 27	59 42	58 37	61 40	53 27	61 26	69 48	54 25	47 22	51 27	59 33	62 37	53 27	65 26	63 45	47 25	53 23	56 27	56 29	51 30	54.7 29.7	2400 EST	
WASH NATIONAL NWS ASOS	75 46	49 39	44 34	41 29	42 28	51 29	56 25	35 23	41 19	54 28	63 33	56 34	54 44	59 40	59 39	54 38	61 36	74 44	52 36	48 32	48 39	57 46	62 44	54 37	50 44	48 37	49 36	53 32	48 36	47 38	52.8 35.6	2400 EST		
WASH DULLES NWS ASOS	75 43	48 37	43 27	39 24	41 21	51 20	54 23	33 21	40 15	60 21	62 29	57 43	57 34	63 42	62 42	53 32	66 29	76 46	51 33	48 24	47 36	56 44	60 35	52 31	46 29	53 43	47 29	49 26	54 30	48 29	53.0 30.8	2400 EST		
STERLING 4 N SHAFFER	75 46	48 40	43 31	39 26	40 25	51 24	55 26	34 23	42 16	59 62	63 42	57 38	63 44	63 37	55 38	65 35	72 31	52 39	49 34	48 26	48 35	53 45	61 41	55 35	44 42	55 32	49 31	51 29	56 32	53 32	49 33	53.5 32.8	2400 EST	
DAVIS 3 SE WV LESHER	59 51	61 21	28 20	40 10	18 9	31 16	48 30	31 5	9 5	32 7	42 29	49 32	49 37	46 38	50 38	44 26	49 26	55 48	49 32	36 20	47 24	48 40	50 38	40 29	40 26	47 33	38 22	29 20	37 28	47 28	44 33	41.7 26.5	0700 EST	

**ACON MD / DE / DC**  
**DECEMBER 2006 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	0.18				T T								0.13									0.67	0.25		0.58	0.02				0.03	1.86	2400 EST	
NORTH ST GEORGES, DE GALLAHER	0.17						T T						0.14		T							0.70	0.18		0.68	0.02				T	1.89	2200 EST	
WILMINGTON, DE NWS NEW CASTLE CO APT	0.07						T T						0.14		T						T	0.76	0.27		0.65	0.02				0.02	1.93	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	0.15												0.19									0.61	0.45		0.26	0.27				0.03	1.96	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm																																2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	0.03		0.08	0.44									0.01		0.01							0.37	0.18		0.77	0.12				0.04	2.05	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	0.03		0.29	0.44		0.29									0.01							0.34	0.17		0.72	0.09				0.02	2.40	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	M	M	M	0.01										T	0.01							0.35	0.28	T	0.89	0.08				0.04	1.66	2400 EST	
FROSTBURG LATTA	0.06	0.47		T 0.3		T T		0.06 1.2	T				0.08			T			T			0.04	0.96		0.69	0.07 0.3					2.43	0700 EST	
LAVALE MULLINS**	0.27	0.01	0.01				0.02 0.5	T T					0.08	0.01				T			T	1.15	0.02		0.71	0.07	0.01			0.20	2.56	2400 EST	
ANNAPOLIS 2 N BRYANT																																	2400 EST
PASADENA 3 SW HANSON	0.07												0.14									0.74	0.08		0.66	0.01				0.05	1.75	2400 EST	
LOTHIAN JUG BAY	0.02	0.02	T								M		0.03	0.04	0.01		T						0.69	0.01	T	M	0.79		T	0.01	1.62	0900 EST	
BWI NWS ASOS	0.09			T T									0.13								T	0.93	0.09		0.57	T				0.07	1.88	2400 EST	
LAUREL 2 E STOUDT	0.07												0.12								T	0.95	0.07		0.50	T				0.10	1.81	2400 EST	
PARKTON 5SW KREINK	0.08												0.11		T						T	0.33	1.46		0.40	0.12				0.10	2.60	2200 EST	
OWINGS MILLS 2SE SHARROW	0.09						T T						0.08	T	T						T	0.90	0.28		0.43	T				T	1.78	2400 EST	
BALTIMORE 2SE MANFRE	0.19												0.12								T	0.94	0.16		0.57	T				0.09	2.07	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER	0.21												0.11									0.98	0.20		0.59					0.09	2.18	2400 EST	
MANCHESTER 1SW CLOSE	0.05				T T		T T	T T					0.12									0.01	1.36	0.23	0.56	0.02				0.10	2.45	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	0.11												0.10									0.02	0.94	0.74	0.67	T				0.03	2.61	2000 EST	
WESTMINSTER 5 SSE KLEIN	0.10												0.09									1.00	0.47		0.55	0.05				0.10	2.36	2200 EST	
MILLERS 4NE MILLER	0.09							T 0.2					0.14		0.01							0.02	0.49	1.02	0.47	0.15				0.01	2.40	1800 EST	
WESTMINSTER CITY MULLER	0.10				T T			T T					0.13								T	0.77	0.58		0.45	0.12				0.02	2.17	1900 EST	
BRYANS ROAD 2 ESE BRUMBACK	0.02												0.08	0.01								0.01	0.62		0.60	0.12				0.04	1.50	2400 EST	

**ACON MD / DE / DC**  
**DECEMBER 2006 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																																	2300 EST
EAGLE ROCK HARVEY	T	0.30		T T	T T		T T	0.12 3.0					0.07									0.10	0.85			0.75	0.22 1.0				2.41 4.0	0800 EST	
FALLSTON 2 NW ALBRIGHT																																	2400 EST
LAUREL JHU / APL GIANNOLA	0.04												0.11									1.11	0.09		0.53	0.01				0.06	1.95 0.0	2400 EST	
POTOMAC 4N COHEN	0.04						T T						0.13								T	0.76	0.30		0.47	0.08				T	1.78 T	2100 EST	
OLNEY 1 S GIANNOLA	0.02						T T						0.12									>	1.08		>	0.47				0.08	1.77 T	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	0.03												0.17									0.98	0.18		0.51	0.03				0.01	1.91 0.0	2400 EST	
GLENMONT 1NNE ROSSEN	0.02												0.12								T	0.95	0.07		0.49	0.01				0.04	1.70 0.0	2400 EST	
BETHESDA SCAFIDE	0.01												0.13									0.99	0.08		0.54	0.01				0.04	1.80 -	2400 EST	
GAITHERSBURG 2WNW SHAW	0.03						T T						0.16									0.01	0.97	0.03		0.43	0.02			0.07	1.72 T	2400 EST	
FOREST GLEN TERRY	0.05						T T						0.10								T	1.00	0.08		0.49	0.03				0.04	1.79 T	2400 EST	
ROCKVILLE 1NE WASH GAS LIGHT										M			0.13									0.97	0.05		0.46	0.01				0.05	1.67 0.0	2400 EST	
OXON HILL SMITH	0.09												0.12								T	0.68	0.06		0.50	0.06				0.02	1.53 0.0	2300 EST	
HOLLYWOOD ABELL	0.02		0.14	0.02									0.03								T		0.60	0.05		0.61	0.06			0.06	1.59 0.0	2359 EST	
RIDGE ZYLA	T		0.41	0.21									0.03	0.01									0.40	0.02		0.60	0.12			0.01	1.81 0.0	2400 EST	
SMITHSBURG 1.5 SW HUTTO	0.10						T T						0.19	0.01								0.03	1.42	0.05		0.64	0.08	0.01		0.08	2.61 T	2400 EST	
HAGERSTOWN 1E KEEFER	0.08						0.01 0.1						0.18									0.03	1.24	0.03		0.71	0.08			0.08	2.44 0.1	2400 EST	
SMITHSBURG 2 NE VAUGHN	0.04						0.01 0.1						0.18									0.04	1.28	0.07		0.58	0.07			0.61	2.88 0.1	2400 EST	
SALISBURY NWS WICOMICO CO APT	0.02		0.25	0.33									0.02						0.02				0.36	0.45		0.95	0.02	T		0.05	2.47 0.0	2400 EST	
WASH NATIONAL NWS ASOS	0.06		T	T			T T						0.09									T	0.70	0.06		0.49	0.10			0.06	1.56 T	2400 EST	
WASH DULLES NWS ASOS	0.02						T T						0.14										0.87	0.04		0.52	0.07			0.08	1.74 T	2400 EST	
STERLING 4 N SHAFFER	0.04												0.15	0.02								0.01	1.13	0.04		0.52	0.02			T	2.01 0.0	2400 EST	
DAVIS 3 SE WV LESHER	0.11	0.22 T		T 0.2	0.03 0.5	T T		0.35 7.2	0.12 1.4				0.16	0.03		0.10			0.07		0.01	0.10	0.80		T T	0.44	0.43 1.9	T T		2.97 11.2	0700 EST		