



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

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

WARM WITH LITTLE SNOWFALL HEAVY RAINS ON THE 6th-7th

December continued the 2011 trend of above normal temperatures and precipitation. Very little snow fell.

On the temperature side its highlight was the warmth. Temperatures averaged ~5 degrees above average. Intrusions of unseasonably cold temperatures were non-existent. Several ACON observers reported station near record high mean temperatures. Minimum temperatures on the 6th were around 10 degrees above the normal maximum temperature for the date.

There were two highlights on the precipitation side. 1st was the heavy rain event of the 6th and 7th. 3.10" of rain that fell on the 7th set an all-time December daily record for the month at NWS Washington National surpassing the old record of 2.81" set on 12/18/1977. The 2nd was the lack of snowfall.

The weather pattern this month allowed for the sky to clear at night which along with light winds allowed for several mornings with heavy frost.

There were four warm periods during the month where 60° temperatures occurred: 5th - 7th, 15th & 16th, 21st & 22nd, and the 31st. Temperatures reached the 70° mark from Sussex County Delaware southwards on the 7th.

Minimum temperatures ranged from the upper teens east of the mountains to the upper 20's along the Atlantic Coast, in St Marys County, and at NWS Washington National.

The month began sunny with mild days and chilly nights. Unseasonable warm air overran the region the 5th and the 6th. **Richard Holden** of **Clarksburg** reported 60° at obs on the 6th.

Over 2 inches of rain fell on the 6th and 7th from Central Maryland to Northern Delaware. The greatest amounts of over 3 inches fell from Washington DC eastwards towards the Bay. **Jug Bay Wetlands** in **Lothian** reported 4.65", **Marty Brumback** of **Bryans Road 2 ESE** 4.31", **Brian Smith** of **Oxon Hill** 3.71", **Jeff**

Stoudt of Laurel 2 E 3.18" and **Joe Terry of Forest Glen** 3.01". Less than an inch fell from Sussex County Delaware southwards. The rain changed to wet snow as it ended at some locations in Central Maryland. Most locations only reported a Trace but in Carroll County **Herb Close of Manchester 1 SW** reported 1.1".

Light snow fell early on the 18th in Northern Delaware and in Carroll County Maryland.

The second rain event occurred from the 21st to the 23rd. Rainfall amounts were around an inch.

Christmas day began with heavy frost. Afternoon temperatures rose to the mid 40's and lower 50's. Clouds increased during the afternoon.

The third rain event occurred on the 27th. Half to three quarters of an inch

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

DEOS Georgetown 5SW DE	70
DEOS Harbeson 8 S DE	69
Ridge	69

MINIMUM TEMPERATURE

Davis 3 SE WV	9
Frostburg	13
LaVale	17
Smithsburg 1.5 SW	17
Hagerstown 1 E	17

WARMEST AVG. TEMP.

Ridge	46.4
Hollywood 3 ENE	45.9

COLDEST AVG. TEMP.

Davis 3 SE WV	32.9
Frostburg	34.1
LaVale	38.0

MAXIMUM PRECIPITATION

Jug Bay Wetlands	6.36
Bryans Road 2 ESE	5.57

MINIMUM PRECIPITATION

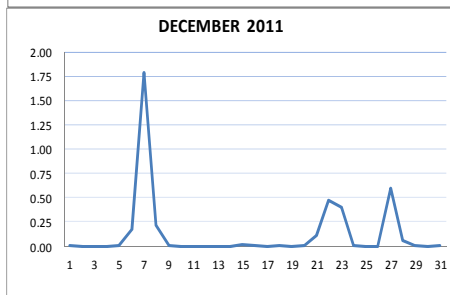
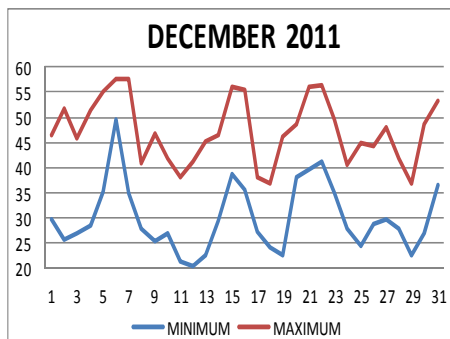
DEOS Harbeson 8 S DE	1.57
DEOS Rehoboth Beach DE	1.60

MAXIMUM SNOWFALL

Davis 3 SE WV	16.4
Frostburg	3.3

of rain fell.

Some light snow fell in portions of Central Maryland on the 29th. Amounts ranged from a Trace to half inch.



ACON MD/DE Network

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

NEW ACON MEMBER

Alex & David McGinnis of Rockville 2 W MD. Alex and his father David are members of the WBCR Network.

WELCOME!

OBSERVER COMMENTS FOR DECEMBER 2011

Gary Gallaher of Bear 2 SW, DE

Second warmest of 45 Decembers. Wind speeds averaged lower than average and the barometric pressure averaged higher than average. 58° minimum on the 6th broke the old December maximum minimum temperature of 57° set 12/23/1990. New monthly minimum daily maximum temperature of 38° set, 18th & 29th). Old record was 36 set 12/31/1974.

7th - Daily record precipitation of 2.20". Old record was 1.11" set in 1976.

18th - Pre-dawn light snow. Only snowfall of the month.

Nate Mullins of LaVale

Near normal precipitation, lack of snowfall, and much milder temperatures this month. There were no subfreezing days.

7th - Daily record precipitation of 1.68". Old record was 1.20" set in 1953.

Jeff Stoudt of Laurel 2 E

Although no unusually warm ($\geq 65^\circ$) temperatures occurred, significantly mild weather frequented throughout the month with ten days reaching the upper 50's or lower 60's. Periods of subnormal temperatures were brief and few, and no harshly cold ($\leq 20^\circ$) weather occurred.

6th & 7th - An innocuously light rain on the 6th evolved into an all-out drenching on the 7th and accounted for over half the whole month's rainfall. Total amount 3.18". High water partly or completely blocked some area roads..

Ray Muller of Reisterstown

5th - Dense AM fog.

Marty Sharrow of Owings Mills

Temperatures averaged 5.2° above normal.

2nd - Frosty start, then sunny and milder.

4th - Dense AM fog, then mostly sunny and milder.

12th - Frigid start, then inc high clouds and chilly.

29th - Becoming overcast with light snow, cold.

Ralph Hartsock of Westminster 4 SSE

7th - Heavy rain, cooler late, light snow by 9 PM.

13th - Very frosty start, sunny and milder.

18th - Early snow flurries and cold.

29th - Early afternoon surprise light snowfall.

Bobby Miller of Millers 4 NE

Many mornings with heavy frost.

1st - Nice start to December - 100% sunshine.

7th - Heavy rain changed briefly to snow after obs time.

17th & 18th - Light snow evening of 17th & morning of 18th.

29th - Evening light snow.

Marty Brumback of Bryans Road 2 ESE

6th & 7th - Two day rain event began at 9:50AM on the 6th and ended at 11PM on the 7th. Total 4.31". Thunder heard on the evening of the 7th.

Eric Glass of Emmitsburg 2 SE

25th - Frosty, cold, calm morning.

29th - Very windy.

Richard Giannola of JHU/APL

Maximum barometric pressure: 30.63" on the 11th.

Minimum barometric pressure: 29.40" on the 27th.

Rob Cohen of Potomac 4 N

29th - Light snow and flurries 1 - 3 PM.

Rich Giannola of Olney 1 S

22nd—23rd - Rain began the evening of the 22nd and ended by dawn of the 23rd. 1.08" fell.

Richard Holden of Clarksburg 2 ENE

6th - Temperature rose to 60° at obs (midnight).

7th - Heavy rain, light snow, AM minimum temperature 52°, afternoon maximum temperature 53°.

Kevin Shaw of Gaithersburg 2 WNW

The 2.10" that fell on the 7th broke the old December daily precipitation record of 2.09" set 12/24/1986.

Trace of snow this month tied five other Decembers for the lowest monthly snowfall total.

Second warmest December in my 34 years of records. Warmest December is 42.2° set 12/1984.

Average minimum of 32.9° set a record for the warmest average minimum. The old record was 32.2° set 12/1984.

Joe Terry of Forest Glen

Temperatures well above normal. No extreme warmth but 8 days reached 60° or above and no maximums below 41°. No ice and only very minor traces of snow fell.

Brian Smith of Oxon Hill

7th - 3.39" of rain today ended as a trace of snow.

John Zyla of Ridge

17th - First freezing temperature of the season.

18th - Partly cloudy and cold. Snow flurries at 1:30 PM.

Max Hutto of Smithsburg 1.5 SW

7th - Rain all day, heavy at times, dropping temperatures, PM flurries. Two day event 2.16".

16th - Warm overnight, dropping temps throughout the day.

Greg Keefer of Hagerstown 1 E

8th - Windy overnight; NNW winds gusted up to 40 MPH.

12th, 13th, & 14th - Cold, frosty with mins in upper teens.

16th - Windy overnight with west winds gusting to 31 MPH also high temperature of 59° around 1 AM.

29th - Cloudy, cold with snow showers between 9 AM and noon.

Jim Vaughn of Smithsburg 2 NE

7th - 1.98" set new daily precipitation record. Old record was 1.50" set in 1976. 0.5" of snow set a new daily record. Old record was 0.1" set on several occasions with the last being 2008.

Dave Leshner of Davis 3 SE WV

7th - Max snow depth of the month 9".

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 2011 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	51.0	31.1	41.1	63	22	20	12	0	0	21	42	W	28	4.48	2.20	7	61.21	10	1	0.1	0.1	18	0.4	2400
Legates, David	Middletown 6 N	51.5	32.0	41.8	62	6+	21	12	0	0	22	29		7	4.80	2.51	7	56.91	11	1					2400
NWS Wilmington	New Castle Co. Apt.	50.8	31.9	41.4	62	21+	20	12	0	0	20	45	SSE+	27+	4.44	1.94	7	56.58	9	2	0.1	0.1	18	0.4	2400
UofDE AG FARM DEOS***	Newark	50.4	31.4	40.9	62	6+	21	12	0	0	20	27		7+	4.68	2.14	7	50.40	10	2					2400
U of D REC DEOS***	Townsend 4 W	50.8	31.8	41.3	62	6+	22	12	0	0	21	38		27	2.66	0.60	8	59.30	9	0					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	55.2	33.7	44.5	70	7	22	19	0	0	17	68	SSW	11	1.78	0.65	7	34.80	9	0					2400
U of D REC DEOS***	Georgetown 5 SW	53.3	31.9	42.6	69	7	21	19	0	0	20	37		27	1.78	0.68	7	38.89	9	0					2400
U of D REC DEOS***	Harbeson 8 S	53.5	32.1	42.8	70	7	21	12+	0	0	21	33		27	1.57	0.47	7	37.17	11	0					2400
U of D DEOS***	Rehoboth Beach Bwk	53.1	38.2	45.7	68	6	27	29	0	0	8	32		27	1.60	0.54	27	34.62	11	0					2400
<i>Allegheny, Maryland</i>																									
Latta, Greg	Frostburg	41.1	27.1	34.1	60	6	13	12	0	5	25				3.14	1.16	8	55.65	13	1	3.3	1.2	8	12.8	0700
Mullins, Nate**	LaVale	45.7	30.3	38.0	60	5	17	11+	0	0	21				2.95	1.68	7	51.09	10	1	0.5	0.3	28	7.5	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	52.2	31.5	41.9	63	22	21	12	0	0	22	37	SSE	27	4.47	2.59	7	58.46	11	1	0.0	0.0		0.0	2400
Jug Bay Wetlands	Lothian	53.0	30.8	41.9	65	15	20	12	0	0	21				6.36	4.07	7	58.88	9	1	0.0	0.0		0.0	2400
NWS Baltimore	BWI Airport	52.4	32.1	42.3	63	6+	22	12	0	0	21	46	NW	8	4.50	2.38	7	56.52	7	1	T	T	7	T	2400
Stoudt, Jeff	Laurel 2 E	50.8	32.9	41.9	62	6+	22	12	0	0	20				5.06	2.85	7	56.46	8	1	T	T	7+	0.2	2400
<i>Baltimore, Maryland</i>																									
Muller, Ray	Reisterstown	50.1	33.8	42.0	61	7	21	29	0	0	17	28	NW	27	3.97	1.42	22	58.10	7	2	0.1	0.1	29	3.7	2100
Sharrow, Marty	Owings Mills 2 SE	48.2	31.6	39.9	60	6+	19	12	0	0	20				4.05	2.18	7	56.65	7	1	0.1	0.1	29	1.2	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	STATION TEMPORARLLY CLOSED																	47.87			0.0	2400		
Maryland Science Ctr	Baltimore Inner Harbor	54.0	40.2	47.1	66	22	32	19+	0	0	2				4.39	2.38	7	54.06	6	1					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	48.2	31.1	39.7	61	22	18	29	0	1	21				3.55	1.49	7	61.78	11	1	2.1	1.1	7	9.9	2300
Hartsock, Ralph	Westminster 4 SSE	48.0	32.5	40.3	60	5+	21	12	0	0	21	40	WNW	28	3.98	1.11		55.30	9	1	0.2	0.1	18+	2.4	1900
Miller, Bobby	Millers 4 NE	48.8	31.9	40.4	60	5+	19	11	0	0	18	42	WNW	28	3.72	0.94	23	63.48	11	0	1.7	0.8	8	7.8	1800
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	53.8	35.1	44.5	66	15	23	12	0	0	13	36	SW	27	5.57	2.59	8	41.30	5	2	0.0	0.0		T	2355
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	47.8	29.3	38.6	60	7+	19	12+	0	0	19				3.54	1.51	8	61.77	7	1	T	T	30	3.0	0700

**ACON MD / DE / DC
DECEMBER 2011 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	SEAS- ON
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL <i>Montgomery, Maryland</i>	49.8	33.2	41.5	62	7+	21	12	0	0	18	37	NW	8	3.80	2.04	7	49.17	8	1	0.0	0.0	0.1	2400	
Berger, Ron	Norbeck 1 SE	50.4	32.8	41.6	62	6+	21	11+	0	0	20				4.21	2.18	7	48.61	11	1	T	T	8+	0.1	2200
Cohen, Rob	Potomac 4 N	50.0	33.3	41.7	61	6+	23	11+	0	0	20				4.33	2.02	7	53.07	9	1	T	T	17+	0.1	2100
Giannola, Rich	Olney 1 S	50.0	32.7	41.4	61	6+	21	11+	0	0	18				3.98	1.94	7	46.25	8	2	T	T	29	0.6	2400
Holden, Richard	Clarksburg 2 ENE	49.2	34.2	41.7	60	6+	25	11	0	0	15	40	WNW	26	4.45	1.86	7	61.64	10	1	0.3	0.3	29	4.1	2400
McGinnis, Alex	Rockville 2 W	50.5	33.8	42.2	61	6+	23	12	0	0	17				4.66	2.34	7	53.16	10	2	T	T	7+	0.6	2400
Roth, David	Montgomery Village 1SW																	<u>12.02</u>							2400
Rossen, Stan	Glenmont 1 NNE	51.9	32.4	42.1	62	6+	22	11+	0	0	21	21		16	4.30	2.41	7	48.47			T	T	29	T	2400
Scafide, Tony	Bethesda	50.4	34.6	42.5	63	8+	24	12	0	0	16	22	WNW	28	4.07	2.18	7	<u>42.29</u>	9	1					2400
Shaw, Kevin	Gaithersburg 2 WNW	50.5	32.9	41.7	61	6	22	12	0	0	20	26	NW	7+	4.50	2.10	7	55.00	10	2	T	T	29	0.8	2400
Terry, Joe	Forest Glen	53.2	34.1	43.7	63	15+	23	12	0	0	17	37	W	28	4.74	2.69	7	50.56	7	1	T	T	7+	0.2	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	52.2	35.4	43.8	62	5+	24	12	0	0	12				5.23	3.39	7	56.68	8	1	T	T	7	0.1	2300
<i>St. Marys, Maryland</i>																									
Gleason, Wes	Hollywood 3 ENE	54.3	37.5	45.9	66	15	29	12+	0	0	8				2.48	1.30	7	51.19	9	1	0.0	0.0	0.0	0.0	2400
Zyla, John	Ridge	54.2	38.6	46.4	69	7	29	29	0	0	5	24	SW	15	2.20	1.09	7	51.72	7	1	0.0	0.0	0.0	0.0	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	48.1	29.5	38.8	60	5+	17	11+	0	0	20	30		28	4.02	2.06	7	59.14	8	1	T	T	7+	6.3	2400
Keefer, Greg	Hagerstown 1 E	47.8	29.9	38.9	59	5+	17	12	0	0	20	40	NW	8	3.61	1.97	7	53.09	7	1	T	T	7+	3.7	2400
Vaughn, Jim	Smithsburg 3 NE	48.3	31.5	39.9	61	6	21	13	0	0	19	46	S	31	3.96	1.98	7	54.07	10	1	0.7	0.5	7	8.0	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	57.0	33.8	45.4	72	7	22	19	0	0	20	52	S	27	1.69	0.51	27	39.15	8	0					2400
<i>Arlington, Virginia</i>																									
NWS Washington Nationa	National Airport	52.6	37.4	45.0	63	15	29	12+	0	0	7	41	NNW	7	4.90	3.10	7	46.89	7	1	T	T	7+	T	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	51.5	31.4	41.5	62	15+	19	12	0	0	20	41	W	8	4.46	2.14	7	46.20	6	2	T	T	29	0.6	2400
Shaffer, Lance	Sterling 4 N																	<u>17.75</u>					<u>0.0</u>	2400	
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	40.2	25.5	32.9	58	5	9	11	0	9	24				4.84	1.62	8	78.82	14	1	16.4	10.1	8	40.6	0700
SECTION AVERAGE*		50.8	33.0	41.9											3.78			53.27			0.3			2.4	

NOTES:

M OR UNDERLINE = MISSING DATA
 > = INCLUDED IN NEXT DAYS DATA
ITALIC = ESTIMATED DATA
 + = FIRST OF SEVERAL OCCURANCES

WINTER TYPE PRECIPITATION FROM STATIONS WITH
 TIPPING BUCKET RAIN GAUGE MAY SHOW UNDER CATCH.
 ALSO AMOUNTS CAUGHT MAY BE NOTED IN THE FOLLOWING
 DAYS AS IT MELTS.

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

**OBSERVER FOR LAVALE IS SCOTT LOHR. DATA COMPILED BY NATE MULLINS.

*** DATA FROM DEOS (DELAWARE ENVIROMENTAL OBSERVING SYSTEM) PERMISSION GRANTED FOR USE OF DATA

*** REC= UNIVERSITY OF DELAWARE RESEARCH AND EDUCATION CENTER

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 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 10/15/12 Rev 1

**ACON MD / DE / DC
DECEMBER 2011 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 31	54 26	48 27	57 28	58 38	62 58	61 38	45 30	51 26	45 28	42 22	44 20	49 22	51 29	61 46	58 41	42 28	38 24	48 22	48 41	62 40	63 49	52 33	42 26	47 23	48 28	58 28	46 29	38 21	52 27	59 36	51.0 31.1	2400 EST	
MIDDLETOWN 6 N DE LEGATES	51 32	56 27	50 28	59 30	59 37	62 58	61 38	46 29	52 27	45 28	43 24	46 21	49 25	52 29	61 46	59 40	42 30	38 25	50 24	49 42	62 48	62 48	51 32	43 26	49 25	48 28	58 29	46 30	39 25	53 29	60 40	51.5 32.0	2400 EST	
WILMINGTON, DE NWS NEW CASTLE CO APT	51 34	54 28	48 28	55 28	58 42	62 53	61 38	45 32	51 27	46 26	42 23	46 20	50 22	50 32	61 46	56 40	42 28	37 26	49 25	48 40	62 39	62 48	52 34	41 30	48 24	48 30	55 29	46 27	38 23	50 28	60 38	50.8 31.9	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	50 33	54 27	49 27	57 28	56 40	62 52	62 37	45 30	51 26	44 29	42 23	47 21	48 24	50 32	60 44	56 39	41 30	36 25	48 24	46 40	62 39	61 48	51 36	40 26	48 24	47 28	57 28	46 29	37 24	53 27	58 36	50.4 31.4	2400 EST	
TOWNSEND 4 W, DE U of D REC DEOS	49 31	54 27	49 29	58 28	60 35	62 59	61 37	44 29	51 28	44 29	41 23	43 22	47 23	51 28	61 46	60 39	42 30	36 24	49 23	49 41	62 49	60 61	54 44	41 34	47 27	47 25	59 31	45 40	39 26	54 28	58 41	50.8 31.8	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	52 33	58 29	52 32	62 30	69 40	69 58	70 44	45 30	57 28	49 33	42 26	50 23	51 28	54 29	64 43	62 43	46 33	40 23	51 22	55 38	64 46	63 48	67 41	45 27	53 25	50 30	61 29	50 33	43 24	56 31	62 46	55.2 33.7	2400 EST	
GEORGETOWN, DE U of D REC DEOS	49 31	56 27	50 29	60 27	67 36	66 58	69 42	43 28	55 25	46 30	42 24	48 22	48 25	53 27	62 44	61 40	44 30	38 22	50 21	53 39	62 45	61 44	65 37	43 26	51 23	48 29	60 28	48 33	42 25	56 32	60 43	53.3 31.9	2400 EST	
HARBESON 8 S, DE U of D REC DEOS	50 30	56 26	49 30	61 29	68 39	68 58	70 43	43 28	56 26	48 29	47 22	48 21	51 27	63 44	62 40	43 31	38 22	51 21	53 36	63 45	62 48	65 40	42 26	51 24	48 28	61 28	49 31	42 24	56 30	60 43	53.5 32.1	2400 EST		
REHOBOTH BEACH BWK U of D DEOS	50 38	57 35	50 43	54 39	61 48	68 55	67 44	45 34	54 32	48 37	39 29	46 32	48 33	49 37	63 47	63 42	43 33	38 29	51 28	53 46	64 50	63 51	64 43	44 35	52 32	48 34	59 34	49 32	44 27	53 40	60 46	53.1 38.2	2400 EST	
FROSTBURG LATTA	34 27	44 27	47 23	41 23	46 40	60 42	55 42	42 23	28 22	38 21	31 14	34 13	36 17	44 28	44 35	58 31	33 27	29 24	30 22	46 38	44 30	56 46	51 35	36 27	34 24	43 28	38 29	40 30	38 21	43 28	43 31	41.1 27.1	0700 EST	
LAVALE MULLINS**	48 28	50 25	46 26	50 27	60 36	56 50	54 33	36 28	43 22	36 32	35 17	36 17	46 20	55 35	58 34	38 33	38 31	53 26	48 22	52 44	52 42	56 45	47 37	40 32	50 23	45 32	43 32	33 32	36 22	46 30	45.7 30.3	2400 EST		
PASADENA 2 N HANSON	52 30	58 26	49 31	57 29	57 38	62 56	61 37	45 29	53 27	47 27	42 23	45 21	51 24	52 29	62 44	60 40	43 27	40 25	51 24	53 41	62 43	63 42	54 32	46 28	47 25	50 29	55 29	46 29	41 22	54 27	61 40	52.2 31.5	2400 EST	
LOTHIAN JUG BAY	52 29	59 25	51 26	58 27	62 37	62 53	61 38	44 28	54 27	48 25	42 21	47 20	52 23	51 29	65 41	63 40	43 26	42 24	52 24	56 43	63 40	61 43	53 36	47 27	51 25	49 30	56 30	44 28	44 24	61 40	53.0 30.8	2400 EST		
BALTIMORE NWS BWI APT	53 32	59 26	50 29	57 29	58 35	63 56	62 37	45 31	52 27	47 29	43 23	46 22	51 23	51 31	63 44	60 40	43 28	42 26	51 23	53 44	62 44	62 44	53 36	46 28	48 24	49 30	54 31	47 30	41 25	54 27	60 40	52.4 32.1	2400 EST	
LAUREL 2 E STOUDT	52 32	57 27	49 30	56 30	58 38	62 53	62 37	43 30	50 28	44 30	42 24	45 22	49 26	51 34	60 42	58 40	41 31	40 27	49 23	53 45	61 44	59 45	49 39	43 29	44 26	48 31	53 31	45 31	52 25	58 28	50.8 32.9	2400 EST		
REISTERSTOWN MULLER	51 33	56 34	49 32	56 30	58 43	60 56	61 43	45 32	50 30	46 28	41 23	41 25	49 27	53 35	60 42	39 39	40 32	50 28	50 23	60 44	57 42	50 46	42 37	46 32	46 29	43 29	49 34	42 29	40 21	52 30	56 41	50.1 33.8	2100 EST	
OWINGS MILLS 2SE SHARROW	48 32	52 26	46 28	53 30	55 36	60 53	60 32	41 30	47 25	41 34	38 21	42 19	46 25	49 32	57 40	58 37	38 31	37 27	46 23	50 42	60 40	59 48	47 35	40 30	45 25	44 33	50 30	42 29	37 23	51 27	54 37	48.2 31.6	2400 EST	
BALTIMORE 2SE MANFRE																																		2400 EST
BALT INNER HARBOR MD SCIENCE CENTER	54 41	60 37	51 41	59 41	58 46	65 57	64 40	48 38	55 37	48 37	45 35	47 33	52 35	53 43	64 47	63 45	45 36	42 35	53 32	56 47	65 50	66 47	54 46	46 39	50 35	50 39	56 39	47 34	43 32	53 36	62 46	54.0 40.2	2400 EST	
MANCHESTER 1SW CLOSE	48 31	56 34	46 30	53 32	59 41	60 52	59 32	48 29	41 27	40 25	41 22	46 24	49 26	57 33	54 38	37 34	35 26	48 25	47 25	58 40	47 39	61 45	46 32	42 29	48 26	46 31	46 30	40 23	32 18	57 29	55 37	48.2 31.1	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	46 32	50 28	46 29	50 31	60 37	60 50	56 45	41 31	46 27	41 35	43 25	45 21	52 31	53 25	57 39	42 39	40 31	48 28	50 43	56 41	58 44	49 39	41 32	45 26	46 32	45 30	42 31	37 23	53 38	55 38	48.0 32.5	1900 EST		
MILLERS 4NE MILLER	49 33	54 26	48 26	55 33	60 39	59 50	60 43	43 31	48 26	42 31	40 19	42 20	47 22	49 32	53 40	57 37	37 32	36 26	49 24	48 42	57 39	59 42	49 38	41 31	48 25	46 34	47 28	45 30	33 21	56 28	55 40	48.8 31.9	1800 EST	
BRYANS ROAD 2 ESE BRUMBACK	52 33	58 29	52 30	57 32	62 39	62 59	62 38	46 33	52 32	48 32	44 27	48 23	52 27	50 33	66 45	62 40	42 30	43 28	55 26	59 45	63 49	63 46	54 39	48 34	51 29	51 38	55 38	45 27	56 33	62 46	53.8 35.1	2355 EST		
EMMITSBURG 2 SE GLASS	47 34	49 25	55 24	46 24	54 33	56 34	60 55	55 32	48 25	42 24	38 20	41 19	49 19	47 20	58 33	43 40	43 33	40 29	40 24	51 25	49 38	58 42	60 34	48 24	42 25	48 28	46 33	43 23	41 25	52 25	47.8 29.3	0700 EST		

**ACON MD / DE / DC
DECEMBER 2011 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		
LAUREL JHU / APL GIANNOLA	49 32	57 27	48 31	53 30	56 37	61 55	62 34	42 30	50 27	42 29	41 24	45 21	47 24	49 34	62 42	59 38	38 29	38 28	50 28	52 44	61 43	59 46	49 37	42 31	46 28	45 34	51 36	42 30	39 28	52 29	57 44	49.8 33.2	2400 EST		
NORBERG 1 SE BERGER	50 31	57 26	48 28	54 33	58 38	62 53	62 38	42 30	50 28	44 29	40 21	43 21	49 24	48 32	62 43	61 40	40 26	41 24	50 26	52 47	62 44	61 43	50 40	43 29	48 26	47 32	49 32	43 30	38 27	52 29	57 44	50.4 32.8	2200 EST		
POTOMAC 4N COHEN	48 35	54 29	49 28	54 30	57 37	61 54	61 38	41 32	50 27	44 30	41 23	44 23	47 25	48 31	61 42	60 40	40 30	42 27	50 24	52 45	61 46	61 43	50 42	43 27	48 31	46 32	47 32	43 32	39 27	52 28	56 43	50.0 33.3	2100 EST		
OLNEY 1 S GIANNOLA	50 29	57 28	49 28	53 33	57 41	61 54	61 36	43 31	51 29	44 27	42 21	44 21	48 24	47 32	61 43	59 38	39 28	40 25	48 25	50 44	60 43	58 44	50 39	43 32	48 28	46 33	50 35	42 28	39 25	54 29	57 42	50.0 32.7	2400 EST		
CLARKSBURG 2ENE HOLDEN	48 29	55 35	48 30	54 34	59 43	60 55	60 34	42 31	49 31	43 28	40 25	44 27	48 27	47 38	60 47	58 37	38 28	39 28	48 28	50 44	59 44	58 45	49 39	42 32	47 29	45 35	45 35	44 28	36 26	54 33	55 41	49.2 34.2	2400 EST		
ROCKVILLE 2 W McGINNIS	49 33	57 29	49 30	55 32	57 39	61 56	61 34	42 32	53 29	44 29	41 24	45 23	49 26	48 33	61 42	58 38	39 28	41 27	50 26	53 45	60 46	61 46	50 42	44 32	47 29	47 33	46 35	44 29	38 27	55 30	59 44	50.5 33.8	2400 EST		
MONTGOMERY VILLAGE ROTH 1SW																																			2400 EST
GLENMONT 1NNE ROSSEN	53 31	59 27	52 28	56 29	58 35	62 55	62 37	45 31	53 28	46 28	44 22	47 22	49 24	49 30	63 43	59 40	41 28	42 27	51 23	54 45	62 44	60 42	51 40	46 29	49 26	48 30	52 31	45 29	40 28	53 28	59 43	51.9 32.4	2400 EST		
BETHESDA SCAFIDE	49 31	56 29	48 31	53 33	59 41	61 57	61 36	42 31	50 31	44 29	40 25	44 24	48 26	49 34	62 43	58 39	40 27	41 27	50 27	54 46	61 48	59 45	50 41	43 31	49 30	47 36	51 39	43 33	40 29	52 31	57 44	50.4 34.6	2400 EST		
GAITHERSBURG 2WNW SHAW	50 31	57 27	49 28	55 31	58 37	61 57	61 36	43 31	51 28	45 28	43 23	45 22	49 25	48 32	61 42	58 40	40 28	42 25	49 25	53 44	60 45	59 44	49 41	45 32	48 26	47 32	43 33	40 30	38 26	53 28	56 40	50.5 32.9	2400 EST		
FOREST GLEN TERRY	54 31	60 28	52 31	56 33	59 40	62 58	62 37	46 31	54 29	48 28	45 24	48 23	53 25	50 33	63 44	60 40	42 28	45 26	52 26	55 46	63 46	62 44	62 41	53 32	47 29	51 34	51 39	53 30	47 28	41 30	54 44	60 44	53.2 34.1	2400 EST	
OXON HILL SMITH	51 33	57 29	50 31	56 33	62 40	62 59	62 39	45 34	51 30	46 34	42 27	45 24	51 27	50 34	62 44	61 41	41 29	42 28	51 25	56 46	61 47	61 45	52 43	45 35	48 29	49 35	55 38	47 33	43 28	55 32	60 45	52.2 35.4	2300 EST		
HOLLYWOOD 3 ENE GLEASON	53 38	58 32	50 36	59 35	61 43	65 58	65 41	47 34	51 32	48 37	44 30	49 29	54 30	49 37	66 46	62 41	42 36	43 31	54 30	57 43	64 48	63 50	64 41	47 36	51 33	50 36	57 37	49 37	45 29	55 38	60 40	54.3 37.5	2400 EST		
RIDGE ZYLA	53 35	59 37	50 40	56 40	62 45	65 57	69 39	46 35	54 37	49 35	42 32	47 32	50 34	49 38	65 46	61 39	43 32	42 30	54 33	56 45	63 49	61 49	64 42	47 36	54 37	51 38	57 41	51 33	46 29	54 40	62 44	54.2 38.6	2400 EST		
SMITHSBURG 1.5 SW HUTTO	48 27	53 23	48 22	54 37	60 35	60 56	58 34	40 27	49 24	40 24	39 17	41 17	46 18	48 29	58 42	59 36	38 27	39 27	50 23	50 39	55 39	57 40	47 36	40 28	50 22	45 28	41 28	41 27	36 20	50 25	50 36	48.1 29.5	2400 EST		
HAGERSTOWN 1E KEEFER	49 27	54 23	46 24	53 33	59 36	59 55	57 35	40 28	48 24	41 24	39 18	39 17	47 18	47 31	55 43	59 35	38 27	39 28	50 25	49 39	54 39	57 40	47 38	42 29	50 24	45 29	40 30	41 25	36 21	51 25	51 36	47.8 29.9	2400 EST		
SMITHSBURG 3 NE VAUGHN	47 29	53 27	47 26	53 37	60 43	61 53	60 30	39 27	47 28	39 28	40 22	39 23	46 21	48 33	59 40	59 33	37 27	38 27	51 25	50 43	59 40	57 46	48 34	40 31	48 26	44 32	43 34	42 24	40 22	55 29	49 38	48.3 31.5	2400 EST		
SALISBURY NWS WICOMICO CO APT	52 31	59 28	55 30	64 31	69 39	70 57	72 45	46 29	58 27	50 32	46 25	53 28	57 32	65 45	64 41	47 32	43 24	43 22	52 38	60 49	65 52	65 40	67 49	49 29	54 26	51 30	62 30	52 25	45 25	58 32	64 38	57.0 33.8	2400 EST		
WASH NATIONAL NWS ASOS	52 38	55 34	51 35	55 37	60 42	60 55	60 37	45 35	51 34	47 32	43 29	46 29	52 30	63 38	62 43	62 43	43 33	44 32	52 29	57 45	61 47	62 46	53 44	46 36	48 34	50 37	55 39	49 35	44 31	54 35	62 46	52.6 37.4	2400 EST		
WASH DULLES NWS ASOS	50 28	57 23	50 26	55 29	59 36	62 56	62 37	45 29	51 25	46 27	42 21	44 19	50 22	49 32	62 42	62 39	40 27	43 26	52 24	56 43	61 44	60 40	50 42	45 28	49 24	48 31	46 38	45 30	41 22	54 26	59 37	51.5 31.4	2400 EST		
STERLING 4 N SHAFFER																																			2400 EST
DAVIS 3 SE WV LESHER	26 22	40 21	42 22	50 31	58 38	56 45	54 41	42 17	28 17	36 23	26 9	38 10	43 26	41 26	50 36	55 27	27 20	23 18	29 20	40 29	49 34	53 38	48 31	31 22	30 22	37 23	44 23	42 25	25 19	34 23	48 34	40.2 25.5	0700 EST		

ACON MD / DE / DC
DECEMBER 2011 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						0.12	2.20	0.05							0.03			0.01		0.01	0.04	0.46	0.91								T	4.48	2400						
MIDDLETOWN 6 N DE LEGATES				0.01	0.01	0.20	2.51	0.04					0.01		0.02						0.03	0.44	0.88										4.80	2400					
WILMINGTON, DE NWS NEW CASTLE CO APT						0.14	1.94	0.08						T	0.03			T	T	0.04	0.08	0.32	1.08										4.44	2400					
NEWARK AG FARM, DE U OF DE DEOS					0.01	0.12	2.14	0.04							0.05					0.02	0.04	0.46	1.11										4.68	2400					
TOWNSEND 4 W, DE U of D REC DEOS					0.01	0.15	0.56	0.60							0.01						0.10	0.44	0.42										2.66	2400					
GEORGETOWN, DE NWS SUSSEX CO APT					T	0.07	0.65	0.01	0.06						T			T	T	0.02	0.22	0.24	0.04								T	1.78	2400						
GEORGETOWN, DE U of D REC DEOS						0.09	0.68	0.02	0.05											0.01	0.19	0.19	0.04										1.78	2400					
HARBESON 8 S, DE U of D REC DEOS	0.07	0.05				0.06	0.47	0.01	0.01											0.02	0.20	0.26	0.02										1.57	2400					
REHOBOTH BEACH BWK U of DE DEOS					0.01	0.01	0.48	0.02	0.03	0.01										0.01	0.23	0.25	0.01										1.60	2400					
FROSTBURG LATTA	0.01					0.04	0.65	1.16							T	0.03		0.03		0.03	0.01	T	0.38	0.02							0.73	0.02	0.03	3.14	0700				
LAVALE MULLINS**						0.20	1.68							T	T					T	0.01	0.25	0.12									0.59	0.05	0.01	0.02	0.02	2.95	2400	
PASADENA 2N HANSON					0.01	0.19	2.59	0.01					0.01		0.02						0.10	0.51	0.24		0.01									4.47	2400				
LOTHIAN JUG BAY					0.02	0.65	4.07		0.01												0.21	0.61	0.08											6.36	2400				
BWI NWS ASOS						0.25	2.38								0.01					T	0.09	0.58	0.47	T									0.72		T	4.50	2400		
LAUREL 2 E STOUDT						0.33	2.85								0.02		T				0.11	0.54	0.37	0.02									0.82		T	5.06	2400		
REISTERSTOWN MULLER						0.14	1.07	0.73									T			T	0.08	1.42											0.51	0.02		T	3.97	2200	
OWINGS MILLS 2SE SHARROW						0.11	2.18								T		T	T			0.07	0.61	0.46										0.59	0.03		T	4.05	2400	
BALTIMORE 2SE MANFRE																																					2400		
BALT INNER HARBOR MD SCIENCE CENTER						0.24	2.38								M	M					0.06	0.70	0.29										0.72			4.39	2400		
MANCHESTER 1SW CLOSE						0.21	1.49								0.02		0.02	0.01		0.01	0.08	0.42	0.51	T									0.75	0.03		3.55	2300		
WESTMINSTER 4 SSE HARTSOCK						0.27	0.74	0.83							0.05			T			0.12		1.11											0.80	0.02		0.04	3.98	1900
MILLERS 4NE MILLER						0.21	0.77	0.78							0.03	T	T	0.04	T	0.02	0.07		0.94									0.82	0.01	0.03	T	3.72	1800		
BRYANS ROAD 2 ESE BRUMBACK							1.72	2.59								T						0.09	0.62										0.55			5.57	2355		
EMMITSBURG 2 SE GLASS						0.02	0.16	1.51								0.06					T	0.07	0.74										0.98		T	T	3.54	0630	

ACON MD / DE / DC
DECEMBER 2011 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
LAUREL JHU / APL GIANNOLA						0.17	2.04								0.01					T	0.08	0.55	0.22	0.01			0.72				3.80	2400	
NORBECK 1 SE BERGER						0.25	2.18	0.09							0.04						0.10	0.27	0.64	0.03			0.58		0.02		0.01	4.21	2200
POTOMAC 4N COHEN						0.18	2.02	0.16							0.04		T				0.11	0.18	0.97				0.66		0.01			4.33	2100
OLNEY 1 S GIANNOLA						0.21	1.94								0.02						0.12	>	1.08	0.02			0.56		0.03			3.98	2400
CLARKSBURG 2ENE HOLDEN						0.28	1.86								0.01		T	T			0.12	0.99	0.44	0.02			0.67	T	0.03		0.03	4.45	2400
ROCKVILLE 2 W McGINNIS					T	0.24	2.34							T	0.03	T					0.10	1.07	0.21	0.02			0.63		0.01		0.01	4.66	2400
MONTGOMERY VILLAGE ROTH 1SW																																	2400
GLENMONT 1NNE ROSSEN						0.27	2.41								0.03						0.10	0.57	0.28	0.01			0.63		T		T	4.30	2400
BETHESDA SCAFIDE						0.20	2.18	0.01							0.03						0.06	0.74	0.24	0.01			0.60					4.07	2400
GAITHERSBURG 2WNW SHAW						0.22	2.10								0.01						0.08	1.12	0.22	0.01			0.71	T	0.02		0.01	4.50	2400
FOREST GLEN TERRY						0.32	2.69								0.02		T				0.10	0.53	0.40				0.68					4.74	2400
OXON HILL SMITH						0.32	3.39								0.01					T	0.12	0.50	0.25	0.01			0.63					5.23	2300
HOLLYWOOD 3 ENE GLEASON						0.10	1.30									0.03					0.02	0.15	0.37	0.06			0.44	0.01				2.48	2400
RIDGE ZYLA					T	0.02	1.09		T							0.03		T			0.24	0.32	0.04				0.46					2.20	2400
SMITHSBURG 1.5 SW HUTTO						0.10	2.06								0.08		T	T			0.08	0.69	0.12				0.88	0.01	T			4.02	2400
HAGERSTOWN 1E KEEFER						0.08	1.97								0.05		T	T			0.06	0.62	0.09				0.74		T			3.61	2400
SMITHSBURG 3 NE VAUGHN					T	0.12	1.98	0.5							0.10		0.01			0.01	0.08	0.71	0.10				0.84	0.01				3.96	2400
SALISBURY NWS WICOMICO CO APT					T	0.01	0.39	0.01	T							0.05				T	0.49	0.22	0.01				0.51				T	1.69	2400
WASH NATIONAL NWS ASOS						0.24	3.10							T	0.01		T				0.12	0.53	0.29	T			0.61				T	4.90	2400
WASH DULLES NWS ASOS						0.21	2.14							T	T						0.08	1.12	0.20	T			0.71		T		T	4.46	2400
STERLING 4 N SHAFFER																																	2400
DAVIS 3 SE WV LESHER	0.05					0.19	0.53	1.62		T	T			T	0.06	0.26		0.12	0.04	0.05		0.07	0.81	0.05	T			0.87	T	T	0.12	4.84	0700
	0.8						10.1			T	T			T				1.7	0.5				T	0.7	T		2.6	T	T		16.4	EST	