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

RECORD DRYNESS

For the second time in only seven months extreme dryness again hit the region. This latest extreme dry spell began on February 13th and continued through the end of March.

Only one ACON station in Maryland and Delaware observed more than an inch of precipitation, **Eagle Rock**. Observer **Rebecca Harvey** reported 2.56". As a result of the lack of precipitation observed snowfall east of Frostburg ran from zero to 0.5". **John Zyla** of **Ridge**, whose station in extreme southern St Marys County which is not known for snowfall extremes, reported 0.5".

Temperatures this month averaged from slightly above normal to 2 degrees above. Maximums saw the greatest above normal departures due to the dry conditions.

Dry conditions along with high winds and pre-green-up of vegetation substantially increased the fire danger especially the last half of the month. Numerous brush and field fires were reported across the region.

March began on a quiet, mild note. The 1st saw mid to upper 20's in the morning and upper 40's to lower 50's in the afternoon. Showers and some with thunder moved in the morning of the 2nd. Rainfall amounts were less than a quarter of an inch. For a majority of ACON stations this was the heaviest daily precipitation this month. A few flurries were observed the evening of the 2nd and the morning of the 3rd. East of Allegany County the only measurable snow fell in Carroll County. Both **Herb Close** of **Manchester 1 S** and **Bobby Miller** of **Millers 4 NE** observed 0.1".

Windy and much warmer weather moved in on the 9th. The unseasonable warmth lasted to the 14th. The 12th saw showers and cooler, but still above normal temperatures. The 13th began with fog. Afternoon temperatures rose into the low to mid 80's at almost every ACON station

east of Frostburg. **Karyn Molines** of **Jug Bay Wetlands** recorded 87 while **Greg Klein** of **Westminster 5 SSE** recorded 77° and **Dave Bryant** of **Annapolis 2 N**, whose station is close to the Severn River, recorded 78.

Light showers, seasonal temperatures and windy conditions returned on the 14th. 50+ MPH wind gusts were observed by the following ACON observers on either the 14th and or 15th: 57 MPH on the 14th and 52 MPH on the 15th by **Jim Vaughn** of **Smithsburg 2 NE**, 52 MPH on the 14th and 50 MPH on the 15th by **Greg Keefer** of **Hagerstown 1 E**, and 51 MPH on the 15th by **Rich Giannola** of **Laurel JHU/APL**.

The first day of Spring saw cold, windy conditions with some light snow showers especially in the southeastern portions of the region. Measurable snow was reported by the following ACON observers east of Garrett County on the 21st and or the 22nd: **John Zyla** of **Ridge** 0.5", **Brian Smith** of **Oxon Hill** 0.2", and **Floyd Abell** of **Hollywood** 0.1".

March went out on a warm note. From the 27th to the 30th maximum temperatures were generally in the 60's. Temperatures on the 31st were generally in the mid 70's to around 80°.

For comments concerning record precipitation totals reported by ACON observers see the observer notes page.. Also see page 3 for the history of Dan Hanson's Millersville 1 SE station which closed at the end of the month.

Below are record minimum March precipitation reported by NWS stations*

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	87
Millersville 1 SE	86
Pasadena 3 SW	86
Glenmont 1 NNE	86
Forest Glen	86

MINIMUM TEMPERATURE

Eagle Rock	12
Davis 3 SE WV	12
Frostburg	16

WARMEST AVG. TEMP.

Ridge	48.4
Hollywood	48.1

COLDEST AVG. TEMP.

Davis 3 SE WV	31.8
Eagle Rock	35.1
Frostburg	36.1

MAXIMUM PRECIPITATION

Davis 3 SE WV	3.34
Eagle Rock	2.56
LaVale	0.84

MINIMUM PRECIPITATION

Potomac 4 N	0.02
Jug Bay Wetlands	0.04
Hollywood	0.05

MAXIMUM SNOWFALL

Davis 3 SE WV	21.3
Eagle Rock	14.1
Frostburg	1.7
Ridge	0.5

Station	Year began	Total	Old record / year	
Washington	1871	0.05"	Old 0.57 / 1910	*Source: NWS Sterling, Wakefield, and Mt. Holly web sites.
Washington Dulles	1963	0.07"	Old 0.99 / 1981	
Salisbury	1906	0.15	Old 0.55 / 1921	
Baltimore	1871	0.18"	Old 0.46 / 1910	
Wilmington	1894	0.29"	Old 0.81 / 1966	

OBSERVER COMMENTS FOR MARCH 2006

Gary Gallaher of Bear 2 SW, DE

Driest March since records began in 1962. March was the third driest month ever behind 0.08" in May 1964 & 0.14" in October 2000. From Feb 13 to Mar 31 0.25" of precip fell. Humidity low this month - only rose to 90% or higher on 8 days.

Nate Mullins of LaVale

Driest March in 15 years of record. Old record 1.03" in 1995.

2nd - Early morning thunderstorm.

13th - Second earliest 80 degree day Earliest is 3/8/2000.

Dan Hanson of Millersville 1 SE

Last month of records at Millersville. See page 3 for the history of weather observing at Millersville 1 SE.

Jeff Stoudt of Laurel 2 E

21st - 1st day of spring brought some flurries.

Al Kreinik of Parkton 5 SW

Record breaking dry month. Burn band issued by the state.

2nd - Early AM glaze.

12th - Rainbow @ 4:45 PM.

13th - Heavy AM fog.

28th - Some AM fog.

Marty Sharrow of Owings Mills

13th - Early fog, mostly sunny and warm!

21st - Increasing clouds with a few flurries.

Joe Manfre of Baltimore 2SE

17th - Cloudy, few rain drops and snow flurries, then partly cloudy, windy, cold.

Herb Close of Manchester 1 SW

March was the driest March on record (18 years) and the second all-time driest month.

2nd & 3rd - Dusting of snow the night of the 2nd and the morning of the 3rd.

Ralph Hartsock of Westminster 4 SSE

15th - Few flurries, sun and windy again

28th - Cloudy, milder, overnight light rain.

Greg Klein of Westminster 5 SSE

A dry, boring weather month.

Bobby Miller of Millers 4 NE

Driest March on record. Fields plowed but no planting. Some brush and woods fires due to dry, windy weather.

2nd - Trace sleet, freezing rain before sunrise.

13th - Heavy fog @ 6 AM, windy in PM.

16th - Rapid increasing clouds late afternoon.

Ray Muller of Westminster City

Driest March for the City

2nd - Barometer fell to 29.41" with cold front passage.

Manuel Farfan of Frederick 4 N

14th - Very windy day with temps falling into the low 50's all day long.

24th - Snow showers this morning, then mostly cloudy.

Rebecca Harvey of Eagle Rock

Maximum snow cover 4" on the 1st and the 4th.

1st - Thunder

Rich Giannola of JHU/APL

20th - Solar halo at 12:55 PM.

Rob Cohen of Potomac 4 N

Driest month is 27 years of record keeping.

21st - Flurry at noon and 11 PM.

Rich Giannola of Olney 1 S

Driest month in 20 years of records.

10th - First crocus bloomed.

Stan Rossen of Glenmont 1 NNE

Driest month here in over 29 1/2 years of records. Old record dry month was October 2000 when 0.08" fell. Prior to this year there were only 7 times in March when less than 3.00" of precipitation fell.

Kevin Shaw of Gaithersburg 2 WNW

Driest month on record. Old record was 0.25" set last September. Old March record was 1.33" set in 1986. This was the third March since 1980 that the minimum temperature failed to fall into the teens. Daily temperature records were broken on the 10th (78°), and 11th (73°) and tied on the 13th (84°). Temperatures hit the 80 degree mark on the 13th and 31st.

Joe Terry of Forest Glen

Driest March and the second driest month ever

13th - 86° Highest temperature so early in the season in the 11 years of station records.

21st - Periods of light PM snow. No accumulation until a light dusting late in the evening.

Brian Smith of Oxon Hill

21st - -SNPL 1300-1500, -SN 2100-2400. Snow depth T at 2400

22nd - -SN 0000-0100

Floyd Abell of Hollywood

Driest month recorded at Floyd Weather Station.

21st - Early afternoon snow & drizzle—late night flurries.

22nd - Snow till about 1:30 AM then fair, breezy.

John Zyla of Ridge

21st - Late season snow flurries 12:15 - 2 PM 0.1" accumulation.

22nd - Heavy snow 12:15 AM to 1:30 AM 0.3" accumulation.

Max Hutto of Smithsburg 1.5 SW

2nd - Warmer AM with showers, not as warm PM, breezy, cloudy.

30th - AM haze, Partly cloudy, warmer, breezy

Greg Keefer of Hagerstown 1 E

Second driest March. Driest 0.08" in 1910.

13th - Very warm 81°. Daily record 86 set in 1990.

Jim Vaughn of Smithsburg 2 NE

Driest March on record. Old record 1.09" set in 1987. Second lowest snowfall total for March. Record 0.0" set in 2000.

Lance Shaffer of Sterling 4 N VA

26th - Clouds again, some peaks of sun, breezy at times.

Dave Leshar of Davis 3 SE WV

Max snow depth 7" on the 1st and 26th.

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.

MILLERSVILLE 1 SE MD 1976 - 2006

Millersville 1SE, MD is now closed (as of 4/1/06) after more than 23 years of daily records. I was down at my parent's house last weekend to take down the equipment. Closing on the house is on 4/21, and my parents will then be living in Maine fulltime.

It was a sad moment for me as it was where I started my weather record keeping back in 1976 at the tender age of 10 with a manual thermometer and lawn rain gauge. In 1977, dad bought a Heathkit digital anemometer and thermometer and I was hooked. In 1983 I bought and assembled a Heathkit ID-4001 with the money I saved from mowing lawns and the "official" daily record began. In 1988 I upgraded to the Heathkit ID-5001 system and in 1989 I started automated record keeping with the first incarnation of my WxSolution software which I still use today. In June 1991, record was suspended as I moved the computer system to my townhouse in Baltimore but my parents still had their own ID-5001. In September 1993, automated records resumed a couple of days after a F-1 tornado passed over the house blowing down a couple of trees and breaking one window in the house. As you may know, no measurement of wind speed was recorded because the power had gone out shortly before the storm hit and I didn't have any backup power -- it is still a sore spot to this day! In 1998 I moved to Massachusetts and left periodic maintenance of the station to my dad and my brother. In 2003 I added a Davis Vantage Pro system as a backup system just two weeks before Isabel. The Davis system enabled the records to continue through the four-day power outage resulting from Isabel.

Some highlights of the station record:

Temperature:

Highest: 105° on 7/15/1995
Lowest: -10° on 1/22/1984 and 2/6/1996
Warmest month: 81.6° 7/1995
Coldest month: 24.6° 12/1989

Pressure:

Highest: 30.92" in 2/1990
Lowest: 28.49" on 3/13/1993 (Superstorm of '93)

Rainfall:

Wettest day: 7.24" on 9/15-16/1999 (Hurricane Floyd)
Wettest month: 11.94" 3/1994
Wettest year: 67.29" 2003

Snowfall:

Snowiest day: 23.5" 2/11/1983 (Blizzard of '83)
Snowiest month: 32.1 1/1996
Snowiest season: 64.9" 1995-96

Wind:

Highest measured gust: 58 mph on 3/6/1997
Highest estimated gust: 80 mph on 9/27/1993 (F-1 tornado)

But not to worry, I have not abandoned Anne Arundel County as I set up an automated station (Davis Vantage Pro) at my brother's house in Pasadena, MD (about 10 miles NNE) last Christmas. His station is now online at www.thunderheadtech.com/Pasadena.

Dan Hanson
4/4/2006

**ACON MD / DE / DC
MARCH 2006 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	53.9	32.4	43.2	81	13	20	8	0	0	17	45	W	15	0.17	0.11	2	6.30	4	0	0.0	0.0	21.9	2400	
Gallaher, Steve	North St. Georges	55.5	35.6	45.6	82	13	24	21	0	0	13				0.25	0.16	2	5.39	2	0	T	T	21	2200	
NWS Wilmington	New Castle Co. Apt.	54.0	34.2	44.1	81	13	21	21	0	0	13	43	W	15	0.29	0.17	2	6.81	4	0	0.0	0.0	21.9	2400	
U of DE DEOS	UofD AG Farm Newark, DE	54.1	34.4	44.3	82	13	24	21	0	0	13	29		14	0.41	0.19	12	5.68	4	0				2400	
U of D Townsend Farm	Townsend 4 W	<u>52.4</u>	<u>31.8</u>	<u>42.1</u>	81	13	21	21	0	0	12				<u>0.19</u>	0.19	2	<u>3.46</u>	1	0				2400	
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	57.6	34.8	46.2	84	13	27	7+	0	0	15	40	SW	10	0.31	0.22	2	6.02	3	0				2400	
U of D Research & Ed Ctr	Georgetown	55.6	33.6	44.6	81	13	24	20	0	0	17				0.11	0.05	2	5.31	4	0	0.0	0.0	6.7	2400	
U of D Warrington Farm	Harbeson 8 S	54.6	31.2	42.9	81	13	21	20	0	0	15				0.17	0.13	2	6.08	3	0	0.0	0.0	3.7	2400	
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	45.7	26.4	36.1	76	14	16	4	0	3	23				0.70	0.22	12	6.90	9	0	1.7	0.5	26	47.1	0700
Mullins, Nate**	LaVale	53.0	31.9	42.5	82	13	25	3+	0	0	19				0.84	0.42	12	6.21	9	0	0.2	0.1	3+	26.7	2400
<i>Anne Arundel, Maryland</i>																									
Bryant, Dave	Annapolis 2 N	57.0	38.7	47.9	78	13	29	4	0	0	8				0.24	0.22	2	4.72	2	0			6.5	2400	
Hanson, Dan	Millersville 1 SE	57.3	33.6	45.5	86	13	21	8	0	0	0	33	NW	15	0.15	0.08	2	6.33	2	0	0.0	0.0	14.3	2400	
Hanson, Dan	Pasadena 3 SW	57.0	33.4	45.2	86	13	21	8	0	0	18	37	W	14	0.19	0.14	2		2	0	0.0	0.0	<u>11.3</u>	2400	
Jug Bay Wetlands	Lothian	58.9	33.7	46.3	87	14	19	8	0	0	19				0.04	0.02	14	5.33	3	0	0.0	0.0	10.8	0900	
NWS Baltimore	BWI Airport	56.8	34.4	45.6	84	13	24	8	0	0	14	47	NW	15	0.18	0.16	2	6.30	2	0	T	T	3+	19.6	2400
Stoudt, Jeff	Laurel 2 E	56.7	35.7	46.2	83	13	25	4	0	0	12				0.10	0.07	2	6.58	2	0	T	T	21+	22.0	2400
<i>Baltimore, Maryland</i>																									
Kreinik, Al	Parkton 5 SW	54.7	30.9	42.8	83	13	19	20	0	0	20				0.23	0.18	2	7.01	3	0	0.0	0.0	22.3	2200	
Sharrow, Marty	Owings Mills 2 SE	54.4	32.4	43.4	81	13	23	21+	0	0	18				0.17	0.16	2	6.36	2	0	T	T	2+	28.6	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	56.6	39.2	47.9	85	13	28	4	0	0	6				0.16	0.14	2	5.96	3	0	T	T	17	16.6	1800
Maryland Science Ctr	Baltimore Inner Harbor	55.8	39.1	47.5	84	13	29	4+	0	0	6				0.15	0.14	2	5.85	2	0				2400	
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	53.5	32.4	43.0	81	13	20	21	0	0	20				0.24	0.21	2	7.52	3	0	0.1	0.1	2	25.1	2300
Hartsock, Ralph	Westminster 4 SSE	53.6	31.5	42.6	81	13	20	3	0	0	20				0.28	0.18	2	7.48	5	0	T	T	15+	23.5	1800
Klein, Greg	Westminster 5 SSE	51.5	32.4	42.0	77	13	22	4+	0	0	19				0.33	0.24	2	7.64	4	0	0.0	0.0	28.1	2200	
Miller, Bobby	Millers 4 NE	53.2	31.6	42.4	81	13	19	21	0	0	19	47	NW	2+	0.44	0.22	2	8.19	5	0	0.1	0.1	3	27.7	1800
Muller, Ray	Westminster City	54.3	33.0	43.7	80	13	22	8	0	0	18	45	NW	13+	0.32	0.24	2	7.49	4	0	T	T	3	26.3	2200
<i>Frederick, Maryland</i>																									
Farfan, Manuel	Frederick 4 N	54.8	33.8	44.3	82	13	22	8	0	0	15				0.40	0.34	2	7.71	4	0	T	T	24	20.8	2400
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	45.0	25.2	35.1	76	14	12	3+	0	5	24				2.56	0.62	2	10.04	13	0	14.1	3.0	17+	109.9	0800
<i>Harford, Maryland</i>																									
Albright, Lynn	Fallston 2 NW																							2400	
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	53.9	34.4	44.2	82	13	24	4	0	0	15	51	W	15	0.09	0.08	2	5.29	2	0	0.0	0.0	23.2	2400	
<i>Montgomery, Maryland</i>																									
Cohen, Rob	Potomac 4 N	57.6	35.5	46.6	84	13	24	8	0	0	13				0.02	0.01	14+	6.50	2	0	T	T	21+	24.4	2100

**ACON MD / DE / DC
MARCH 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
Giannola, Rich	Olney 1 S	57.0	33.8	45.4	83	13	23	19	0	0	15				0.11	0.07	2	5.97	4	0	T	T	21	24.2	2400
Roth, David	Montgomery Village 1SW	56.0	35.8	45.9	84	13	24	8	0	0	12				0.13	0.08	2	5.99	4	0	0.0	0.0		19.4	2400
Rossen, Stan	Glenmont 1 NNE	58.5	34.0	46.3	86	13	23	8	0	0	13				0.07	0.04	2	5.71	3	0	T	T	21	21.1	2400
Scafide, Tony	Bethesda	56.0	36.3	46.2	84	13	27	4+	0	0	13				0.06	0.04	2	4.19	3	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	57.9	32.8	45.4	84	13	21	8	0	0	17				0.10	0.07	2	5.75	3	0	T	T	2+	20.1	2400
Terry, Joe	Forest Glen	59.4	35.6	47.5	86	13	26	4+	0	0	13	39	WNW	14	0.06	0.05	2	5.86	2	0	T	T	21	22.1	2400
Wash Gas Light	Rockville 1 NE	55.1	36.4	45.8	82	13	25	4	0	0	11				0.08	0.04	2	4.67	3	0	T	T	3	<u>1.0</u>	2400
	<i>Prince Georges, Maryland</i>																								
Smith, Brian	Oxon Hill	58.4	37.1	47.8	85	13	26	8	0	0	12				0.14	0.07	28	6.11	5	0	0.2	0.1	21+	20.4	2400
	<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	59.1	37.0	48.1	85	13	25	8+	0	0	9	38		10	0.05	0.02	21+	4.99	3	0	0.1	0.1	22	14.4	2400
Zyla, John	Ridge	57.7	39.0	48.4	83	13	29	4+	0	0	9	32	NW+	2+	0.06	0.03	22	5.09	3	0	0.5	0.3	22	10.5	2400
	<i>Washington, Maryland</i>																								
Hutto, Max	Smithsburg 1.5 SW	53.5	31.3	42.4	81	13	19	8	0	0	20	37	WNW	15	0.42	0.19	2	5.88	4	0	0.0	0.0		14.8	2400
Keefer, Greg	Hagerstown 1 E	53.5	32.2	42.9	81	13	22	8	0	0	19	52	NW+	14	0.42	0.21	2	5.17	4	0	T	T	14+	14.4	2400
Vaughn, Jim	Smithsburg 2 NE	54.2	32.2	43.2	81	13	21	8	0	0	20	57	NW	14	0.53	0.23	2	6.96	4	0	T	T	15	14.6	2400
	<i>Wicomico, Maryland</i>																								
NWS Salisbury	Wicomico Co. Apt	56.5	29.5	43.0	81	13	17	8	0	0	24	46	W	15	0.15	0.08	2	4.31	3	0	T	T	21	4.0	2400
	<i>Arlington, Virginia</i>																								
NWS Washington Nationa	National Airport	57.4	38.3	47.9	85	13	28	4+	0	0	10	45	WNW	15	0.05	0.03	2	5.76	3	0	T	T	3+	13.6	2400
	<i>Loudon, Virginia</i>																								
NWS Washington Dulles	Dulles Airport	57.3	34.4	45.9	85	13	23	8	0	0	14	41	SSW	15	0.07	0.03	28	4.85	4	0	T	T	21	14.1	2400
Shaffer, Lance	Sterling 4 N	58.1	36.5	47.3	85	13	26	8	0	0	11				0.10	0.04	2+	5.70	3	0	T	T	21	20.6	2400
	<i>Tucker, West Virginia</i>																								
Leshner, Dave	Davis 3 SE WV	40.4	23.2	31.8	69	14	12	4+	0	11	25				3.34	0.62	13	13.00	17	0	21.3	4.1	22	159.2	0700
SECTION AVERAGE*		55.3	33.9	44.6											0.27						0.4				

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

**OBSERVERS FOR LAVALLE ARE DAVID DREWERY AND CHARLES ORLICK. DATA COMPILED BY NATE MULLINS.

NOTES:

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

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 05/31/06

**ACON MD / DE / DC
MARCH 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	48 25	40 26	38 28	43 27	49 29	49 24	45 27	51 20	64 40	76 47	68 38	59 48	81 46	70 40	47 37	54 34	49 36	44 27	48 26	44 24	40 23	44 31	51 37	52 31	47 38	51 33	57 32	55 30	64 35	67 31	75 35	53.9 32.4	2400 EST	
NORTH ST. GEORGES, DE GALLAHER	52 30	41 32	40 30	44 29	52 30	51 27	49 30	53 26	62 42	79 44	71 42	61 50	82 40	59 40	49 35	54 40	54 37	47 30	50 30	47 24	42 31	48 36	55 36	55 40	49 39	53 38	60 37	57 38	62 37	68 38	70 38	55.5 35.6	2200 EST	
WILMINGTON, DE NWS NEW CASTLE CO APT	47 29	40 29	39 26	43 26	50 29	47 26	46 28	49 26	63 41	77 49	66 44	58 49	81 47	70 39	49 37	54 33	50 35	45 25	48 26	45 29	40 21	47 29	51 35	52 34	47 40	53 38	59 33	55 37	63 40	67 37	74 43	54.0 34.2	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	47 29	39 28	37 27	42 26	49 30	49 27	44 29	53 26	65 40	77 52	70 41	60 49	82 47	70 38	47 37	54 33	49 36	43 28	48 27	44 28	39 24	44 30	51 36	53 34	47 40	52 37	58 35	54 42	65 36	69 39	77 39	54.1 34.4	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm	47 27	41 27	39 27	42 26	49 29	47 28	45 26	49 21	63 39	76 51	67 39	81 47	71 45	47 37	47 37	52 33	49 34	44 26	49 24	44 25	37 21	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	52.4 31.8	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	51 29	58 29	45 30	46 29	52 32	51 31	50 27	54 27	70 43	80 49	72 43	81 52	84 49	71 39	52 34	56 28	46 35	51 31	49 29	40 27	48 29	51 32	53 34	44 31	44 39	51 38	59 36	63 35	61 36	70 33	76 42	57.6 34.8	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	48 26	56 30	42 28	44 27	49 29	48 29	47 28	53 25	66 43	78 47	72 39	81 51	70 47	51 39	55 33	49 29	45 26	50 26	48 24	38 27	46 30	46 32	52 29	43 38	49 36	57 34	62 48	60 36	68 30	73 43	55.6 33.6	2400 EST		
HARBESON 8 S, DE UofD WARRINGTON FARM	48 25	56 28	42 26	43 26	49 29	48 27	45 25	50 21	65 40	77 47	66 38	78 50	81 46	68 36	50 30	53 27	49 29	43 25	48 26	48 24	37 27	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	54.6 31.2	2400 EST	
FROSTBURG LATTA	32 18	43 23	52 19	29 16	33 18	40 21	38 21	42 20	41 25	59 38	63 38	62 39	62 62	76 46	43 26	41 26	48 41	46 19	38 19	43 23	39 19	28 19	33 20	38 27	40 28	42 27	43 26	50 27	51 37	55 34	67 34	45.7 26.4	0700 EST	
LAVALE MULLINS**	52 27	52 30	36 25	42 25	50 27	44 33	43 26	52 25	64 38	71 38	67 38	64 50	82 52	52 34	46 34	45 30	45 27	47 26	44 27	45 28	35 26	42 25	43 32	42 30	52 34	52 33	65 28	56 37	62 32	76 39	76 39	53.0 31.9	2400 EST	
ANNAPOLIS 2 N BRYANT	48 33	49 37	45 32	46 29	52 32	50 37	50 33	52 30	58 45	75 54	68 49	67 53	78 42	53 39	53 38	56 40	49 33	54 32	52 33	47 31	49 32	53 32	57 38	55 34	55 41	61 43	63 43	60 47	68 40	70 34	57.0 38.7	2400 EST		
MILLERSVILLE 1SE HANSON	53 28	44 30	44 30	46 28	53 30	48 32	50 27	52 21	66 41	79 55	68 40	86 52	73 48	52 34	57 35	54 29	48 40	53 28	49 26	41 25	48 28	51 32	54 30	53 31	53 32	60 34	60 33	65 32	69 39	77 34	57.3 33.6	2400 EST		
PASADENA 3 SW HANSON	53 28	44 30	43 30	45 27	53 31	49 27	49 21	52 43	64 53	79 40	69 51	68 48	86 37	75 38	51 31	57 37	54 37	47 28	52 24	48 24	41 28	47 31	51 29	54 31	53 32	54 35	60 33	61 31	65 37	70 34	77 39	57.0 33.4	2400 EST	
LOTHIAN JUG BAY	46 24	53 30	53 31	48 28	44 32	53 32	47 29	51 19	58 32	70 53	79 39	72 52	74 47	87 57	81 34	53 30	58 42	48 29	55 22	50 24	M 31	M 23	M 30	M 30	M 31	M 30	M 31	M 30	61 43	64 33	65 41	72 33	58.9 33.7	0900 EST
BALTIMORE NWS BWI APT	52 29	46 33	42 30	45 27	52 32	48 28	49 24	52 42	68 56	77 42	71 42	69 52	84 48	74 38	50 37	56 32	54 38	47 27	52 26	47 27	40 28	47 29	51 28	52 34	52 34	52 33	59 34	60 35	64 40	70 37	78 40	56.8 34.4	2400 EST	
LAUREL 2 E STOUDT	52 30	45 33	42 29	45 25	51 29	48 35	49 29	54 27	66 43	77 54	72 44	68 53	83 49	72 40	51 37	52 37	52 40	47 29	51 28	47 27	40 30	47 32	53 36	54 35	51 34	59 34	61 36	65 43	70 37	79 45	56.7 35.7	2400 EST		
PARKTON 5SW KREINIK	49 25	40 28	38 26	41 24	50 23	50 26	46 27	51 20	61 40	76 52	69 38	64 52	83 44	72 38	46 35	55 29	53 37	45 23	49 21	45 19	45 21	45 27	49 28	49 29	52 31	50 33	57 32	60 30	64 29	68 33	75 37	54.7 30.9	2200 EST	
OWINGS MILLS 2SE SHARROW	48 29	42 32	38 25	40 25	49 25	48 31	46 26	51 24	64 40	74 50	70 42	65 50	81 47	69 34	47 33	52 31	51 35	49 25	45 24	45 25	42 23	48 23	51 33	51 33	49 32	49 31	57 32	62 34	66 38	71 36	77 40	54.4 32.4	2400 EST	
BALTIMORE 2SE MANFRE	55 35	46 35	42 32	44 28	51 34	49 39	49 33	51 34	63 44	79 54	70 51	69 53	85 53	74 41	49 38	56 39	53 38	46 32	53 32	48 35	42 29	48 29	50 34	53 39	54 39	50 38	58 40	59 44	65 46	68 47	75 49	56.6 39.2	1800 EST	
BALT INNER HARBOR MD SCIENCE CENTER	52 34	46 35	42 32	43 29	51 32	49 39	48 33	49 34	61 53	78 53	68 51	84 53	74 41	50 39	56 38	53 38	46 32	52 31	47 35	41 29	46 33	50 34	52 39	53 39	51 38	59 40	60 44	63 46	66 46	74 48	55.8 39.1	2400 EST		
MANCHESTER 1SW CLOSE	49 25	39 29	38 23	40 21	49 25	50 31	45 24	52 24	62 39	74 53	68 43	81 48	71 50	44 34	52 32	50 30	42 23	48 24	45 26	37 20	42 25	42 27	49 32	54 31	54 30	49 31	57 31	58 41	64 41	68 46	74 42	53.5 32.4	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	48 28	39 25	37 20	43 22	46 25	46 29	43 25	50 23	63 38	75 55	69 42	65 49	81 47	75 40	49 32	51 31	48 24	46 22	46 22	40 23	45 25	48 28	50 31	52 30	50 30	53 29	59 33	60 37	62 36	72 39	53.6 31.5	1800 EST		
WESTMINSTER 5 SSE KLEIN	45 27	40 33	36 24	37 22	45 25	47 31	43 24	48 26	60 37	71 55	67 45	63 47	77 48	68 35	44 32	49 31	47 24	45 23	44 24	37 22	43 25	43 28	46 32	49 31	50 30	48 31	52 30	60 38	60 39	66 40	71 39	51.5 32.4	2200 EST	
MILLERS 4NE MILLER	48 25	39 29	37 24	40 22	49 25	47 30	46 24	50 22	63 38	73 52	67 42	81 48	75 46	44 33	52 30	49 34	44 24	47 21	44 22	38 19	42 26	46 30	47 30	51 30	49 32	57 30	60 33	63 39	67 37	75 42	53.2 31.6	1800 EST		
WESTMINSTER CITY MULLER	50 28	40 29	38 28	42 23	50 25	45 32	46 22	50 22	66 42	75 57	70 41	64 50	80 50	74 35	49 33	52 32	48 38	45 25	49 24	45 25	39 29	46 29	48 28	48 34	50 31	51 31	56 30	60 35	62 36	69 45	76 45	54.3 33.0	2200 EST	
FREDERICK 4 N FARFAN	50 31	43 34	39 29	42 27	49 29	46 34	48 29	50 22	66 40	75 55	70 41	66 52	82 48	71 41	47 36	55 32	52 37	45 28	50 24	45 27	39 26	44 30	47 26	49 34	52 31	50 34	58 33	61 33	62 37	70 38	78 38	54.8 33.8	2400 EST	

ACON MD / DE / DC
MARCH 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		
EAGLE ROCK	32	50	52	26	32	38	36	40	50	68	62	64	62	76	40	40	44	40	34	40	38	30	30	38	40	38	39	50	46	50	69	45.0	0800		
HARVEY	20	26	12	12	12	19	14	18	30	42	38	42	48	32	22	22	24	14	18	20	18	17	22	24	26	22	24	28	34	40	42	25.2	EST		
FALLSTON 2 NW																																			2400
ALBRIGHT																																			EST
LAUREL JHU / APL	49	43	38	41	47	47	46	51	65	75	71	67	82	72	46	53	51	42	48	44	39	43	46	48	50	48	55	59	62	67	76	53.9	2400		
GIANNOLA	32	32	27	24	28	34	27	25	40	56	43	51	50	36	35	36	36	27	26	30	25	28	29	34	32	32	34	36	43	37	41	34.4	EST		
POTOMAC 4N	54	47	43	43	52	46	51	54	67	79	74	68	84	74	50	56	54	53	54	47	41	46	51	53	53	53	60	62	66	72	80	57.6	2100		
COHEN	28	34	31	27	28	35	29	24	42	61	43	55	50	41	38	34	42	28	27	27	28	30	27	35	34	32	35	35	43	35	43	35.5	EST		
OLNEY 1 S	51	46	41	44	51	49	50	55	66	77	73	69	83	72	51	56	53	47	52	48	40	46	51	53	55	52	59	63	65	71	77	57.0	2400		
GIANNOLA	28	34	28	24	28	34	27	24	41	52	42	53	49	36	36	34	38	26	23	26	25	28	27	34	32	31	31	36	42	37	43	33.8	EST		
MONTGOMERY VILLAGE	52	46	41	43	50	48	48	52	67	77	71	67	84	73	50	56	52	46	51	47	39	44	49	52	53	51	57	61	64	69	77	56.0	2400		
ROTH 1SW	30	35	28	26	29	35	29	24	42	56	42	55	51	41	37	36	39	29	29	28	28	31	31	35	34	33	36	36	44	36	44	35.8	EST		
GLENMONT 1NNE	55	47	44	47	52	47	50	56	68	79	76	70	86	74	54	59	54	49	54	48	39	48	52	53	53	52	60	63	69	74	81	58.5	2400		
ROSSEN	27	33	29	26	30	35	27	23	41	50	39	54	48	38	38	34	39	28	24	26	28	30	26	34	34	32	33	33	41	33	42	34.0	EST		
BETHESDA	51	48	42	45	50	45	49	52	68	77	72	69	84	74	50	55	52	46	52	46	38	45	49	50	52	51	58	60	63	69	77	56.0	2400		
SCAFIDE	30	36	29	27	29	35	30	27	42	55	46	56	53	40	38	35	39	29	27	29	28	30	29	36	34	32	36	39	44	39	46	36.3	EST		
GAITHERSBURG 2WNW	53	46	42	44	51	49	51	53	66	78	73	68	84	71	52	58	55	50	55	50	40	48	50	54	55	53	63	63	66	73	80	57.9	2400		
SHAW	27	34	28	25	26	32	28	21	40	50	40	55	49	35	35	33	33	26	24	24	24	26	26	33	31	31	32	33	42	32	41	32.8	EST		
FOREST GLEN	55	51	46	48	54	47	54	55	69	79	75	72	86	75	54	60	54	50	55	49	39	49	55	54	56	55	61	64	67	72	80	59.4	2400		
TERRY	29	36	30	26	30	36	29	26	42	53	44	55	52	39	37	35	38	28	26	28	28	30	28	35	33	32	33	38	44	37	46	35.6	EST		
ROCKVILLE 1NE	51	47	40	43	50	48	48	52	66	75	72	67	82	71	48	53	50	45	50	46	40	44	47	50	50	49	56	61	63	69	76	55.1	2400		
WASH GAS LIGHT	33	36	29	25	28	38	30	27	43	56	46	57	51	38	37	35	39	29	28	30	28	30	29	37	34	33	36	37	44	38	46	36.4	EST		
OXON HILL	43	53	45	48	53	46	51	55	69	79	74	72	85	72	53	59	53	49	55	48	38	49	53	54	53	56	60	66	66	72	81	58.4	2300		
SMITH	29	35	31	28	32	35	31	26	44	60	45	55	51	42	39	39	44	30	27	28	29	31	29	36	36	34	37	38	46	39	45	37.1	EST		
HOLLYWOOD	49	64	48	49	53	46	50	57	69	80	73	80	85	71	55	60	53	49	55	51	39	49	53	52	53	53	60	65	64	70	78	59.1	2359		
ABELL	30	33	34	28	33	35	35	25	46	63	44	54	52	38	38	39	35	30	25	29	32	30	27	33	38	35	36	36	48	37	50	37.0	EST		
RIDGE	43	66	47	51	53	44	46	49	67	80	69	79	83	70	56	61	51	48	55	52	34	50	49	52	51	54	59	64	63	67	76	57.7	2400		
ZYLA	38	39	34	29	31	38	31	29	47	61	58	50	53	38	42	38	37	31	29	33	30	31	32	36	37	39	37	45	43	42	51	39.0	EST		
SMITHSBURG 1.5 SW	50	43	36	40	47	46	47	49	65	73	68	62	81	67	45	53	50	43	47	44	37	43	44	49	50	50	57	61	63	70	78	53.5	2400		
HUTTO	28	32	26	24	28	31	26	19	40	54	35	49	46	38	33	35	33	26	26	23	24	28	29	29	25	26	26	30	34	29	39	31.3	EST		
HAGERSTOWN 1E	52	43	39	41	48	45	49	48	64	73	67	59	81	66	46	54	52	43	49	45	35	43	44	49	52	51	58	60	60	69	75	53.5	2400		
KEEFER	28	34	26	25	26	32	27	22	40	50	37	49	46	39	34	29	33	24	26	26	24	28	31	31	29	29	29	34	36	31	42	32.2	EST		
SMITHSBURG 2 NE	50	43	36	39	47	50	45	52	65	74	71	63	81	67	46	53	47	49	48	46	42	38	46	51	53	50	56	63	64	68	77	54.2	2400		
VAUGHN	27	35	25	22	24	30	23	21	42	53	40	51	52	36	32	29	26	30	26	22	24	22	29	28	27	30	38	37	38	46	32.2	EST			
SALISBURY	44	62	45	46	49	49	49	53	67	77	71	77	81	69	52	57	51	45	51	50	37	47	49	54	44	49	57	64	62	68	74	56.5	2400		
NWS WICOMICO CO APT	20	26	27	27	25	26	30	17	43	55	35	49	44	36	31	28	24	25	20	18	28	30	26	24	33	28	29	25	28	25	32	29.5	EST		
WASH NATIONAL	50	50	44	47	52	45	50	52	68	78	71	71	85	75	52	57	52	48	53	48	41	47	51	53	54	53	58	63	65	69	78	57.4	2400		
NWS ASOS	32	35	31	28	33	37	31	32	42	56	48	54	52	43	40	39	41	30	28	33	30	32	32	38	37	35	38	43	47	42	48	38.3	EST		
WASH DULLES	53	49	44	46	52	46	51	51	69	78	73	71	85	73	51	58	52	47	53	47	38	45	50	51	54	53	59	62	65	70	79	57.3	2400		
NWS ASOS	27	36	30	27	25	35	30	23	41	56	39	53	47	41	38	34	38	26	24	28	30	29	32	35	34	33	34	39	33	45	34.4	EST			
STERLING 4 N	54	49	47	47	54	47	49	54	69	78	74	69	85	73	52	58	54	48	53	50	39	47	52	53	55	54	60	62	66	71	78	58.1	2400		
SHAFFER	30	36	33	28	30	36	32	26	42	54	42	55	50	43	38	36	41	30	27	30	30	31	30	36	36	35	37	37	42	36	43	36.5	EST		
DAVIS 3 SE WW	32	48	49	20	28	34	30	35	51	61	56	65	58	69	35	34	41	38	30	35	33	29	25	32	32	31	32	42	40	46	62	40.4	0700		
LESHER	20	27	15	12	12	14	15	16	27	44	35	42	48	30	20	21	22	13	13	17	19	13	13	21	22	22	20	21	33	32	39	23.2	EST		

**ACON MD / DE / DC
MARCH 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		0.11							T	T		0.03		0.01											0.02							0.17	2400
NORTH ST GEORGES, DE GALLAHER	T	0.16							T	T		T		T							T											0.25	2200
WILMINGTON, DE NWS NEW CASTLE CO APT		0.17						T	T	T		0.09		0.02						T	T					0.01	T					0.29	2400
NEWARK AG FARM, DE U OF DE DEOS		0.18										0.19		0.02												0.02						0.41	2400
TOWNSEND 4 W, DE U of D DE Townsend Farm		0.19																				M	M	M	M	M	M	M	M	M	M	0.19	2400
GEORGETOWN, DE NWS SUSSEX CO APT		0.22										0.03		T												0.06	T		T			0.31	2400
GEORGETOWN, DE UofD RESEARCH & ED CTR		0.05										0.01				0.01										0.04						0.11	2400
HARBESON 8 S, DE UofD WARRINGTON FARM		0.13										0.02		0.02								M	M	M	M	M	M	M	M	M	M	0.17	2400
FROSTBURG LATTA		0.21	0.16	T					0.01			0.22		0.04	0.01	T	T	T				0.03	T	M	M	T	0.01	T	0.01			0.70	0700
LAVALE MULLINS**		0.25	0.01					T	0.03			0.42	0.02	0.04	T		T		0.02		T	T				T		0.02			0.03	0.84	2400
ANNAPOLIS 2 N BRYANT		0.22	0.4	T											T						T	T				0.1						0.2	EST
MILLERSVILLE 1SE HANSON		0.08												0.07																		0.15	2400
PASADENA 3 SW HANSON		0.14												0.05																		0.19	2400
LOTHIAN JUG BAY		0.01	T											0.02												T			0.01			0.04	0900
BWI NWS ASOS		0.16	T						T		T	T	T	0.02	T						T							T				0.18	2400
LAUREL 2 E STOUDT		0.07							T			T	T	0.03							T					T						0.10	2400
PARKTON 5SW KREINIK		0.18										0.04		T															0.01			0.23	2200
OWINGS MILLS 2SE SHARROW		0.16										T		T	T		0.01				T					T		T			T	0.17	2400
BALTIMORE 2SE MANFRE		0.14												0.01			T								T			0.01				0.16	1800
BALT INNER HARBOR MD SCIENCE CENTER		0.14												0.01																		0.15	2400
MANCHESTER 1SW CLOSE		0.21							T			0.02		T							T	T						0.01				0.24	2300
WESTMINSTER 4 SSE HARTSOCK		0.18							0.02			0.06		0.01	T						T								0.01			0.28	1800
WESTMINSTER 5 SSE KLEIN		0.24										0.05		0.02														0.02				0.33	2200
MILLERS 4NE MILLER		0.22	0.01			T	T		T	0.01		0.18		T	T												T	0.02				0.44	1800
WESTMINSTER CITY MULLER		0.24	T						T	T		0.04		0.03							T						T	0.01				0.32	2200
FREDERICK 4 N FARFAN		0.34							0.03		T	0.02		T											T			0.01				0.40	2400

ACON MD / DE / DC
MARCH 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	
EAGLE ROCK HARVEY		0.01 0.5	0.62 2.0	0.30 3.0			0.01 0.1					0.23	0.43	0.34	0.02 1.0		0.18 3.0					0.15 3.0	T	T		0.01 0.5	0.05 1.0	T		0.21		2.56 14.1	0800 EST	
FALLSTON 2 NW ALBRIGHT																																		2400 EST
LAUREL JHU / APL GIANNOLA		0.08												0.01														T					0.09 0.0	2400 EST
POTOMAC 4N COHEN		T							T			T		0.01								T	T					0.01	T				0.02 T	2100 EST
OLNEY 1 S GIANNOLA		0.07									T	T	T	0.01								T						0.02			0.01		0.11 T	2400 EST
MONTGOMERY VILLAGE ROTH 1SW		0.08										0.01		0.03													0.01						0.13 0.0	2400 EST
GLENMONT 1NNE ROSSEN		0.04							T		T	T	T	0.01			T											0.02					0.07 T	2400 EST
BETHESDA SCAFIDE		0.04												0.01														0.01					0.06 -	2400 EST
GAITHERSBURG 2WNW SHAW		0.07 T					T		T		T	T	T	0.02								T						0.01			T		0.10 T	2400 EST
FOREST GLEN TERRY		0.05									T	T		T								T						0.01					0.06 T	2400 EST
ROCKVILLE 1NE WASH GAS LIGHT		0.04	T T										T	0.03														0.01			T		0.08 T	2400 EST
OXON HILL SMITH		0.02	T T								T	T		0.03			T					0.01 0.1	0.01 0.1			T		0.07					0.14 0.2	2300 EST
HOLLYWOOD ABELL		0.01												T								0.02 T	0.02 0.1			T							0.05 0.1	2359 EST
RIDGE ZYLA		T					T							0.02								0.01 0.2	0.03 0.3			T					T		0.06 0.5	2400 EST
SMITHSBURG 1.5 SW HUTTO		0.19							T	T			0.15	T														0.02			0.06		0.42 0.0	2400 EST
HAGERSTOWN 1E KEEFER		0.21							T	T			0.14	T	T	T		T				T						0.01			0.06		0.42 T	2400 EST
SMITHSBURG 2 NE VAUGHN		0.23							T				0.18	T	T													0.02			0.10		0.53 T	2400 EST
SALISBURY NWS WICOMICO CO APT		0.08												0.01								T				0.06		T					0.15 T	2400 EST
WASH NATIONAL NWS ASOS		0.03	T T						T	T		T		T		T						0.01 T	T					0.01					0.05 T	2400 EST
WASH DULLES NWS ASOS		0.01							T	T		0.01	T	0.02								T						0.03			T		0.07 T	2400 EST
STERLING 4 N SHAFFER		0.04					T		T			T		0.02								T						0.04	T		T		0.10 T	2400 EST
DAVIS 3 SE WV LESHAR	T T	0.07	0.53 2.6	0.09 1.5	T T		0.08 1.2		T	T		0.13	0.62	0.35	0.11 1.4	0.21 1.9	0.07 0.9	T T					0.34 4.1	0.03 0.6	0.07 0.7	0.14 3.2	0.24 2.9	0.03 0.3	T T	0.23 T			3.34 21.3	0700 EST