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

MILD AND WINDY

The first month of the Spring of 2008 will be remembered for its winds. High winds, some damaging, accompanied three of the months four storm systems. Peak wind gusts exceeded 70 MPH across portions of the region.

Temperatures averaged warmer than normal. **Jeff Stoudt** of **Laurel 2 E** noted this in his monthly summary "Temperatures did average slightly above normal, and there were no unusual extremes of cold or warmth as is often observed during the month of March."

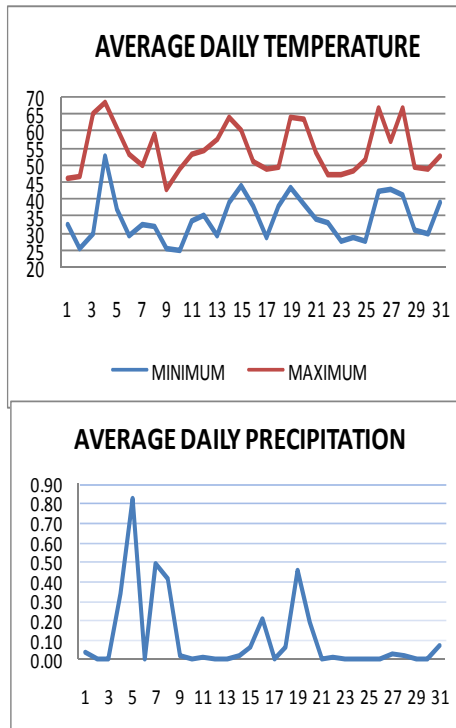
Precipitation averaged below normal. Snowfall was almost non-existence. East of the mountains only a Trace was recorded at some stations.

The first storm of the month on the 4th and 5th brought with it the strong damaging winds and the heaviest rainfall. Over 1 inch fell from Montgomery County northwestward to Carroll County and westwards into the Mountains. Winds at DCA (Washington National) gusted to 74 MPH, a March record. **Marty Brumback** of **Bryans Road 2 ESE** reported 73 MPH, and **Jim Vaughn** of **Smithsburg 2 NE** 70 MPH. This storm system also brought with it the warmest temperatures of the month at many stations in the central and northern areas.

The next storm came on the 8th. Rainfall amounts of one inch plus fell east of I-95. **Bobby Miller** of **Millers 4 NE** reported a wind gust of 68 MPH and **Gary Gallaher** of **Bear 2 SW DE** a 62 MPH gust.

Rainfall from the third storm on the 15th & 16th averaged around a quarter of an inch. The last significant storm system on the 18th - 20th brought one half to one inch plus. **Rich Giannola** of **Laurel JHU/APL** reported a wind gust of 50 MPH and **Richard Holden** of **Clarksburg 2 ENE** 48 MPH. Light rains of a tenth of an inch or less fell on the 22nd, 27th, and 31st.

This month temperatures failed to



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



12:19 AM PWG of 73 MPH Display
Photo by Marty Brumback of Bryans Road 2 ESE

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Hollywood	80
Ridge	80
UofD Georgetown DE	78
UofD Harbeson 8 S DE	78

MINIMUM TEMPERATURE

Davis 3 SE WV	9
Eagle Rock	10
Frostburg	10

WARMEST AVG. TEMP.

Hollywood	49.5
Ridge	48.9

COLDEST AVG. TEMP.

Davis 3 SE WV	33.1
Frostburg	35.8
Eagle Rock	36.7

MAXIMUM PRECIPITATION

Davis 3 SE WV	5.74
Hagerstown 1 E	5.16
Smithsburg 1.5 SW	4.93

MINIMUM PRECIPITATION

UofD Harbeson 8 S DE	2.10
Owings Mills	2.20

MAXIMUM SNOWFALL

Davis 3 SE WV	19.0
Eagle Rock	16.0
Frostburg	4.6

rise above 70 in the northern half of the region. Upper 70's and 80° temperatures occurred in Sussex County Delaware southwards into Maryland and St Mary's County in Maryland on the 28th.

East of the Mountains only a trace of snow, and/or sleet, was observed on either the 1st, 18th, or 22nd.

For detailed comments from observers see [Observer Comments on page 2.](#)

OBSERVER COMMENTS FOR MARCH 2008

Gary Gallaher of Bear 2 SW, DE

8th - The squall line which brought a wind gust of 62 MPH at 5:14PM was followed by pea size hail.

18th - Little sleet mixed with a rain shower at ~ 5:20PM. Temperature was 43 degrees.

Greg Latta of Frostburg

1st - Maximum snow cover of the month 7"

3rd - Big snow melt

5th - Windy Power out 12:30 AM till after sunrise

Nate Mullins of LaVale

1st - Maximum snow cover of the month 2"

3rd - Partly cloudy, much warmer.

4th & 5th - Heavy rain fell, 1.32", during the evening of the 4th as a strong cold front passed through.

8th - Cold front passed through this evening with strong winds and mountain snow showers.

20th - Very windy, NW winds gusting to 45 MPH, caused scattered minor tree damage in the area.

Jeff Stoudt of Laurel 2 E

March was moist and mild overall, even though total precipitation was subnormal. There seemed to be no progress towards spring from start to finish because the smoothed temperatures trend was flat.

Marty Sharrow of Owings Mills

26th - Partly sunny and warmer.

31st - Low overcast, drizzle, spotty rain, cool.

Joe Manfre of Baltimore 2SE

1st - Cloudy, early AM light rain, then partly cloudy, very windy, and cool.

4th - Warm, windy, light rain in the evening.

26th - Mild, windy in the afternoon.

Ralph Hartsock of Westminster 4 SSE

5th - Heavy rains, lightning, then clearing and cooler.

19th - Rain and warmer / some heavy showers.

20th - Very windy again, power outage.

22nd - Early snow flakes

Bobby Miller of Millers 4 NE

4th & 5th - Periods of heavy rain late on the 4th and early on the 5th.

8th - Wind gust of 68 MPH at 4:13 PM is the third highest in station history. Power out later from 8:55PM to 6:30 PM on the 9th.

10th - Heavy frost in AM.

20th - Heavy showers @ 12:30 AM.

Marty Brumback of Bryans Road 2 ESE

5th - A 73 MPH peak wind gust occurred at 12:19 AM. The gust knocked my bedroom window 1" inward and out of its frame. Many nearby homes suffered roof and siding damage.

Eric Glass of Emmitsburg

19th - Fog, drizzle, light winds

Rebecca Harvey of Eagle Rock

2nd - 17" snow cover, maximum for the month.

4th - Snow cover decreased from 16" yesterday to 5" today.

Rich Giannola of JHU/APL

Winds gusted to over 40 MPH on the 1st (44), 5th (41) 8th (49), 10th (41), and the 20th (50).

Rob Cohen of Potomac 4 N

1st - Very light flurry, windy.

5th - Thunder at midnight.

8th - Squall with pea size hail mid afternoon.

Rich Holden of Clarksburg 2 ENE

Peak wind gusts of 40 MPH or higher occurred on 5 days, 1st (42), 5th (49), 8th (56), 12th (40), and 20th (48)

22nd - Moderate snow, light sleet, AM minimum 37.

Stan Rossen of Glenmont 1 NNE

22nd - Light sleet.

Kevin Shaw of Gaithersburg 2 WNW

The minimum temperature of 26 was my highest March monthly minimum in my 30 years of record keeping at my current location.

22nd - Brief flurry blew through around 11:30 AM, only a few wet snow flakes mixed in a light rain shower. Air temperature was 40°.

Joe Terry of Forest Glen

The month's maximum temperature of 71 didn't even exceed January or February maximum temperature.

8th - Dense AM fog and light rain. Very gusty winds and rapidly falling temperatures after 4 PM cold frontal passage.

22nd - Two brief ice pellet showers early to mid afternoon.

Floyd Abell of Hollywood

7th - Heavy afternoon rain, evening drizzle.

20th - Gusty shower before dawn then fair, windy.

John Zyla of Ridge

8th - High wind gust of 46 MPH, very high for this station. Thunderstorm with 1.69" of rain.

Max Hutto of Smithsburg 1.5 SW

8th - Dreary start, evening clearing and windy.

13th - Sunshine, breezy, brisk.

19th - Overcast with rain for much of the day.

31st - Low overcast, drizzle, spotty rain, cool.

Greg Keefer of Hagerstown 1 E

1st - Windy today, turning colder with snow flurries and falling temperatures in the afternoon. Winds gusted to 42 MPH.

4th - Rain and windy with a few evening thunderstorms.

5th - Thunderstorm just after midnight.

8th - High winds during the afternoon and evening with many gusts past 40 MPH. PWG 57 MPH. Temperatures fell into the 20's this evening.

22nd - Cloudy and chilly with a few snow flurries.

Jim Vaughn of Smithsburg 2 NE

12 days with PWG of 40 MPH or greater.

Snowfall total of 0" tied 2000 for the least for March.

5th - New daily high precipitation of 1.73" smashed the old record of 0.43" set in 1997.

Lance Shaffer of Sterling 4 N VA

22nd - Sleet, snow grains today.

Dave Leshner of Davis 3 SE WV

2nd - 12" snow cover, maximum depth for the month.

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

Tuesday's windstorm packed 73-mph wallop

• Western county hit hardest

By NANCY BROMLEY McCONATY
Staff writer

A fast-moving storm packing wind gusts of up to 73 miles an hour raced through Charles County Tuesday night, causing about 1,000 households to lose power.

A total of 1,140 Southern Maryland Electric Cooperative customers were without power during the height of the storm around midnight, said Tom Dennison, SMECO spokesman.

Most of the outages occurred in western Charles County, including Nanjemoy, Bryans Road, Indian Head and the Accokeek area, he said.

On Wednesday morning, 327 Charles County residents were still without power, according to SMECO's power outage map on its Web site, www.smeco.com. The outages were concentrated in western Charles County, Hughesville and La Plata.

The outages were related to the high winds that the storm produced, Dennison said.

A wind gust of 73 miles per hour was reported by a National Weather Service spotter in White Plains, said Jim DeCarufel, meteorologist with the NWS in Sterling, Va.

A gust of 74 miles per hour was reported at Ronald Reagan Washington National Airport in Washington, B.C., he said.

On average, wind gusts during the storm ranged between 35 and 40 miles per hour, DeCarufel said.

There were a few downed trees because of the storm in western Charles County, said Crystal Hill, county government spokeswoman. The county's public facilities crews were still removing some of the trees on Wednesday morning, she said, adding that no major damage was reported because of the storm.

nmccconaty@somdnews.com

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Newspaper article provided by Mary Brumback of Bryans Road 2 ESE

**ACON MD / DE / DC
MARCH 2008 SUMMARY**

OBSERVER	STATION <i>COUNTY, STATE</i>	TEMPERATURE									PEAK WIND			PRECIPITATION					SNOWFALL				OBS TIME		
		AVG MAX	AVG MIN	MEAN	MAX	DAY	MIN	DAY	MAX >=90	MAX <=32	MIN <=32	GUST	DIR	DAY	TOTAL	MAX DAY	DATE	YEAR	DAYS >=.01"	DAYS >=1"	TOTAL	MAX DAY		DATE	SEA- SON
<i>New Castle, Delaware</i>																									
Gallaher, Gary	Bear 2 SW	54.0	33.5	43.8	69	4	22	10	0	0	13	62	WSW	8	3.25	0.90	8	9.17	11	0	T	T	18	9.2	2400
NWS Wilmington	New Castle Co. Apt.	54.6	34.4	44.5	69	4	25	10	0	0	12	56	WSW	8	4.00	1.45	8	9.89	11	1	T	T	18	9.2	2400
U of DE DEOS	UofD AG Farm Newark, DE	54.2	34.0	44.1	69	4	25	10	0	0	13	29		20	3.95	1.02	8	9.79	11	1					2400
U of D Townsend Farm	Townsend 4 W	54.2	32.9	43.6	70	4	22	10	0	0	15				3.40	1.02	8	8.60	11	1					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	57.1	35.8	46.5	78	28	25	24	0	0	11	63	SW	5	2.50	0.98	5	7.83	9	0					2400
U of D Research & Ed Ctr	Georgetown	57.1	35.4	46.3	78	28	25	10+	0	0	14				2.54	1.09	7	7.27	8	1				4.7	2400
U of D Warrington Farm	Harbeson 8 S	55.5	34.3	44.9	78	28	23	24	0	0	15				2.10	0.63	5+	7.19	7	0				1.0	2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	46.0	25.5	35.8	63	4+	10	1	0	2	24				4.24	1.43	5	10.09	11	1	4.6	3.8	1	41.4	0700
Mullins, Nate**	LaVale	49.7	32.6	41.2	69	3	19	9	0	0	18				3.34	1.06	4	8.49	12	1	0.2	0.1	8+	22.0	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	56.0	34.9	45.5	71	26+	23	2	0	0	12	39	S	5	2.60	0.77	7	6.85	14	0	0.0	0.0		7.5	2400
Jug Bay Wetlands	Lothian	60.3	35.8	48.1	77	30	21	2	0	0	11				2.54	0.96	8	8.74	8	0	0.0	0.0		2.2	0900
NWS Baltimore	BWI Airport	55.5	34.4	45.0	71	4	23	2	0	0	13	49	W	8	2.37	0.78	7	7.64	13	0	0.0	0.0		8.5	2400
Stoudt, Jeff	Laurel 2 E	56.0	35.8	45.9	70	4	26	2	0	0	13				2.68	0.64	7	7.87	15	0	0.0	0.0		7.2	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	52.7	32.4	42.6	65	3+	22	10	0	0	16				2.20	0.55	19	7.28	10	0	T	T	1+	11.1	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	56.5	39.0	47.8	72	4	29	9	0	0	4				2.47	0.72	7	8.06	14	0	0.0	0.0		7.6	1800
Maryland Science Ctr	Baltimore Inner Harbor	55.7	38.9	47.3	71	4	29	9	0	0	4				2.31	0.64	7	7.93	12	0					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	52.1	32.8	42.5	64	3+	22	9	0	0	16				4.06	1.56	5	10.34	12	1	T	T	1+	18.4	2300
Hartsock, Ralph	Westminster 4 SSE	53.7	32.6	43.2	68	26	20	10	0	0	13				4.42	2.09	5	10.82	10	1	T	T	22	13.1	1900
Klein, Greg	Westminster 5 SSE	50.4	32.2	41.3	63	4+	21	9	0	0	17				3.92	1.57	5	9.94	10	1	0.0	0.0		17.5	2200
Miller, Bobby	Millers 4 NE	52.0	31.9	42.0	64	3	21	2+	0	0	15	68	WSW	8	3.94	1.44	5	11.02	12	1	T	T	1+	18.0	1800
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Road 2 ESE	58.8	37.5	48.2	76	28	27	2	0	0	10	73		5	2.81	0.80	7	8.16	12	0	0.0	0.0		5.9	2400
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	52.1	29.6	40.9	68	27	16	1	0	0	21				3.28	1.31	5	6.20	8	1	0.0	0.0		11.0	0630
Lawrence, Bryon	Frederick 3 WNW	55.5	33.9	44.7	71	4	24	3+	0	0	15				2.98	0.62	19	7.77	13	0	0.0	0.0		11.5	2300
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	47.4	26.0	36.7	68	14	10	9	0	2	25				4.77	1.20	5	15.05	14	1	16.0	8.0	1	116.3	0800

**ACON MD / DE / DC
MARCH 2008 SUMMARY**

OBSERVER	STATION	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>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	54.1	35.1	44.6	69	4	25	9	0	0	13				2.56	0.49	5	8.24	12	0	0.0	0.0		9.7	2400
<i>Montgomery, Maryland</i>																									
Cohen, Rob	Potomac 4 N	55.3	36.2	45.8	68	3+	25	2	0	0	11				3.51	1.61	5	8.69	12	1	T	T	1	8.7	2100
Giannola, Rich	Olney 1 S	55.1	34.3	44.7	69	26	22	2	0	0	14				3.91	2.15	4-5	9.30	10	1	T	T	22	10.2	2400
Holden, Richard	Clarksburg 2 ENE	54.1	33.8	44.0	68	26	24	2+	0	0	13	56	W	8	3.13	0.78	5	8.44	13	0	T	T	22	11.3	2400
Roth, David	Montgomery Village 1SW	55.3	35.8	45.6	69	4+	26	2	0	0	12	24		8	2.70	0.54	4+	7.82	12	0					2400
Rossen, Stan	Glenmont 1 NNE	57.4	34.4	45.9	71	4+	23	2	0	0	14	23		8	3.70	1.21	4	9.18	15	1	T	T	22	10.3	2400
Scafide, Tony	Bethesda	55.1	36.3	45.7	70	4	26	9	0	0	10	23		8+	2.59	1.41	4	7.08	11	1					2400
Shaw, Kevin	Gaithersburg 2 WNW	55.8	35.0	45.4	72	26	26	2	0	0	14				2.93	0.73	5	7.76	13	0	T	T	22	9.7	2400
Terry, Joe	Forest Glen	58.1	36.0	47.1	71	4+	27	2+	0	0	12	45	WNW	8	3.73	1.17	4	9.18	15	1	T	T	22	8.6	2400
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	59.2	38.4	48.8	74	28	28	2	0	0	5				2.59	0.62	16	8.97	10	0	0.0	0.0		6.0	2300
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood	59.9	39.0	49.5	80	28	27	10	0	0	7	47		8	2.66	1.26	7	7.84	11	1	0.0	0.0		4.5	2400
Zyla, John	Ridge	58.7	39.1	48.9	80	28	29	9	0	0	4	46	SW	8	2.79	1.69	8	7.09	9	1	0.0	0.0		5.6	2400
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	53.5	32.4	43.0	69	3	19	25	0	0	17	39	WNW	8	4.93	1.59	5	9.90	12	1	T	T	1+	12.8	2400
Keefer, Greg	Hagerstown 1 E	52.5	32.6	42.6	68	3	22	10+	0	0	17	57	W	8	5.16	1.47	4	10.33	12	2	T	T	1+	12.0	2400
Vaughn, Jim	Smithsburg 2 NE	52.0	34.4	43.2	65	3+	24	9	0	0	13	70	SW	4	4.84	1.72	5	10.05	13	1	0.0	0.0		10.7	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	58.4	33.6	46.0	79	28	21	10	0	0	16	56	W	5	2.42	0.84	5	7.48	11	0	0.0	0.0		2.8	2400
<i>Arlington, Virginia</i>																									
NWS Washington National	National Airport	58.3	39.7	49.0	74	28	29	9	0	0	2	74	SW	5	2.80	0.59	7	8.34	10	0	0.0	0.0		2.3	2400
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	56.2	35.5	45.9	71	4	24	2+	0	0	12	<u>47</u>	<u>WNW</u>	<u>20</u>	2.47	0.50	4	6.41	12	0	0.0	0.0		8.3	2400
Shaffer, Lance	Sterling 4 N	56.6	37.0	46.8	71	26	27	9+	0	0	11				2.93	1.13	4-5	7.74	13	1	0.0	0.0		10.3	2400
<i>Tucker, West Virginia</i>																									
Leshner, Dave	Davis 3 SE WV	43.3	22.9	33.1	61	14	9	9+	0	7	25				5.74	1.58	5	19.18	18	1	19.0	6.4	1	149.2	0700
SECTION AVERAGE*		54.9	34.5	44.7											3.23		8.64				0.6			13.8	

NOTES:

M OR UNDERLINE = MISSING DATA DAYLIGHT TIME BEGAN ON THE 9th
 > = INCLUDED IN NEXT DAYS DATA
ITALIC = ESTIMATED DATA

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

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

National Weather Service station data listed herein is preliminary and may be subject to change. The data has not been certified and cannot be used in legal actions.
 Only reports certified by the National Climatic Data Center in Asheville, NC may be used for these purposes.
 Accuracy of Data from ACON Observers not guaranteed.

GARY GALLAHER 11/22/08

**ACON MD / DE / DC
MARCH 2008 DAILY TEMPERATURES**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG	OBS TIME
BEAR 2 SW, DE GALLAHER	46 33	46 27	63 26	69 55	60 34	53 27	47 30	66 33	42 28	49 22	52 33	51 35	48 25	62 36	59 45	50 39	50 31	44 37	65 42	64 37	52 35	49 35	48 26	50 26	49 24	65 41	52 37	67 41	49 31	49 30	59 39	54.0 33.5	2400 EST/EDT
WILMINGTON , DE NWS NEW CASTLE CO APT	48 33	47 27	65 31	69 53	59 34	50 30	49 35	61 33	43 29	49 25	53 33	52 33	49 33	63 49	61 38	51 45	52 40	45 31	64 41	65 36	52 35	51 35	48 26	52 27	50 30	65 42	60 42	68 50	51 39	50 28	59 39	54.6 34.4	2400 EST
NEWARK AG FARM, DE U OF DE DEOS	46 33	45 28	65 27	69 54	59 34	54 29	47 31	63 33	42 28	49 25	52 35	50 35	52 28	64 37	60 44	49 38	50 31	44 37	64 40	63 36	51 35	50 35	48 28	51 27	52 29	65 42	52 39	66 41	49 32	52 29	58 39	54.2 34.0	2400 EST/EDT
TOWNSEND 4 W, DE U of D DE Townsend Farm	45 33	45 26	63 28	70 55	65 34	51 26	50 32	66 31	41 27	48 22	52 31	51 35	52 25	61 35	58 43	48 39	48 29	46 35	67 41	66 36	51 34	48 33	47 26	49 24	49 28	65 43	54 37	67 39	47 30	48 26	61 38	54.2 32.9	2400 EST/EDT
GEORGETOWN, DE NWS SUSSEX CO APT	49 34	48 29	65 29	73 57	64 39	55 31	64 33	66 36	43 28	50 26	52 37	55 34	56 26	64 41	61 44	49 42	50 32	52 38	71 46	68 41	53 33	50 32	49 29	50 25	51 30	69 45	56 38	78 45	50 33	47 33	63 43	57.1 35.8	2400 EST
GEORGETOWN, DE UofD RESEARCH & ED CTR	49 35	48 27	64 28	72 57	64 38	58 30	64 33	67 36	43 30	49 25	54 35	55 38	56 27	68 42	60 45	49 42	49 32	51 37	71 47	69 42	53 32	50 32	49 27	50 25	51 27	67 44	56 38	78 43	49 31	46 30	63 42	57.1 35.4	2400 EST/EDT
HARBESON 8 S, DE UofD WARRINGTON FARM	49 33	47 27	65 27	71 55	64 38	50 29	63 32	66 36	42 27	49 24	53 35	53 38	61 25	58 40	48 44	48 41	50 35	48 45	71 41	68 32	52 31	48 29	46 23	50 26	67 43	54 36	78 41	47 30	44 30	61 42	55.5 34.3	2400 EST/EDT	
FROSTBURG LATTA	34 10	32 17	43 20	63 33	53 33	36 26	52 26	38 33	39 14	30 14	47 24	48 30	47 26	63 26	59 37	50 31	33 21	46 20	55 35	44 30	48 27	35 27	42 19	40 19	50 19	50 19	61 43	55 41	53 22	47 22	43 26	46.0 25.5	0700 EST/EDT
LAVALE MULLINS**	38 32	45 23	69 31	50 42	50 32	52 27	43 31	35 25	34 19	49 23	52 34	51 37	60 29	61 40	54 40	40 31	44 27	44 41	50 39	46 34	52 32	39 31	50 25	46 28	53 23	67 50	50 42	45 40	52 29	48 33	64 40	49.7 32.6	2400 EST/EDT
PASADENA 2 N HANSON	48 35	50 23	63 27	67 47	61 38	52 28	47 31	61 31	44 28	51 24	54 33	57 36	54 27	63 39	63 44	53 40	50 32	65 39	65 43	67 40	56 36	48 33	52 29	52 28	51 32	71 46	55 43	71 40	52 37	51 33	56 41	56.0 34.9	2400 EST/EDT
LOTHIAN JUG BAY	51 35	M 21	55 M	70 55	74 49	59 27	55 31	52 44	65 29	42 24	54 32	59 35	59 36	62 37	67 45	65 44	M M	M 30	61 44	71 43	54 29	57 34	52 24	M M	54 25	58 41	73 46	63 41	M M	77 27	58 39	60.3 35.8	0900 EST/EDT
BALTIMORE NWS BWI APT	47 33	50 23	68 27	71 47	60 37	51 28	48 31	63 31	43 27	50 25	52 35	56 35	56 38	63 39	62 43	51 37	52 28	50 41	67 43	64 39	54 37	48 34	50 26	50 30	52 27	69 45	53 44	70 41	51 35	48 32	51 41	55.5 34.4	2400 EST
LAUREL 2 E STOUDT	48 32	50 26	68 30	70 58	59 36	54 31	48 34	60 31	43 27	50 27	53 35	56 37	59 30	64 40	62 46	50 36	52 30	51 41	64 45	65 39	54 36	47 35	52 28	53 32	55 30	69 45	55 46	69 42	51 34	53 31	51 41	56.0 35.8	2400 EST/EDT
OWINGS MILLS 2SE SHARROW	42 31	45 28	65 27	65 43	58 37	52 27	47 29	58 30	39 23	49 22	50 33	52 33	61 27	61 37	50 40	49 37	47 27	58 37	60 38	62 39	52 32	46 33	48 27	49 29	52 26	65 38	52 42	64 39	48 31	49 26	48 36	52.7 32.4	2400 EST/EDT
BALTIMORE 2SE MANFRE	48 36	51 30	69 39	72 49	61 39	52 35	49 38	63 32	44 29	52 32	53 40	57 41	57 37	64 45	63 47	52 40	49 34	66 44	65 43	56 40	49 39	51 35	52 38	53 36	71 47	56 49	69 46	52 47	49 37	53 33	53 41	56.5 39.0	1800 EST/EDT
BALT INNER HARBOR MD SCIENCE CENTER	48 36	50 30	67 36	71 49	62 39	51 35	49 38	63 32	43 29	52 31	51 40	55 41	55 37	63 45	62 47	51 40	52 34	49 44	65 43	65 40	55 39	49 39	50 35	50 38	53 36	70 47	56 49	68 46	50 37	49 33	53 41	55.7 38.9	2400 EST
MANCHESTER 1SW CLOSE	42 30	45 23	64 33	64 49	58 32	51 28	46 33	59 27	38 22	48 24	50 36	55 35	61 27	59 42	49 41	48 34	45 27	63 37	62 39	51 34	45 31	46 32	49 27	48 31	64 28	63 42	52 45	62 40	48 29	47 26	47 35	52.1 32.8	2300 EST/EDT
WESTMINSTER 4 SSE HARTSOCK	46 34	46 21	64 29	66 48	59 37	51 27	50 37	60 36	37 22	50 20	52 34	50 33	57 26	62 36	58 42	51 37	47 25	61 37	61 39	51 39	47 31	48 34	44 26	49 27	51 24	68 40	62 41	67 39	46 28	51 26	49 36	53.7 32.6	1900 EST/EDT
WESTMINSTER 5 SSE KLEIN	42 30	44 22	61 30	63 47	57 32	49 27	47 31	57 28	36 21	47 24	50 34	49 34	54 29	58 39	56 41	49 36	46 26	46 37	57 38	60 35	49 31	45 33	43 26	46 29	47 26	63 39	52 42	53 39	45 29	46 26	46 36	50.4 32.2	2200 EST/EDT
MILLERS 4NE MILLER	41 34	43 21	64 30	63 47	59 38	50 26	47 30	60 36	37 22	48 21	49 33	49 35	61 25	57 37	53 41	47 35	45 26	58 35	62 38	50 31	47 25	45 26	46 24	48 26	64 38	63 40	62 48	62 49	47 24	46 36	52.0 31.9	1800 EST/EDT	
BRYANS ROAD 2 ESE BRUMBACK	51 36	53 27	69 37	72 58	61 39	57 30	49 34	63 34	48 29	52 27	56 32	59 37	63 30	71 42	64 49	53 41	53 32	56 41	71 50	69 43	59 39	53 38	53 32	50 30	54 31	72 47	63 47	76 44	53 36	47 34	51 41	58.8 37.5	2400 EST/EDT
EMMITSBURG 2 SE GLASS	42 16	44 23	45 27	66 31	61 43	48 27	51 27	45 28	51 24	40 22	51 23	52 35	52 25	59 26	62 37	60 41	48 26	51 26	51 38	64 40	50 34	53 34	45 28	47 26	48 25	51 23	68 39	52 41	61 28	49 26	47 28	52.1 29.6	0630 EST/EDT

**ACON MD / DE / DC
MARCH 2008 DAILY TEMPERATURES**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG	OBS TIME
FREDERICK 3 WNW LAWRENCE	47 33	51 24	69 30	71 59	63 37	55 28	49 31	60 31	44 27	51 25	54 32	57 33	65 28	64 37	58 46	49 36	51 27	55 39	63 40	61 38	54 35	50 35	49 28	54 27	70 24	53 41	64 43	49 39	49 30	46 29	55.5 33.9	2300 EST/EDT	
EAGLE ROCK HARVEY	36 24	30 12	50 28	66 44	59 30	50 24	40 32	40 30	40 10	32 12	44 30	45 28	40 30	68 28	59 34	50 24	34 14	46 22	55 34	60 26	40 22	44 17	45 20	42 20	50 20	50 30	40 20	59 40	52 40	50 20	44 20	47.4 26.0	0800 EST/EDT
LAUREL JHU / APL GIANNOLA	46 32	49 27	66 31	69 56	59 34	54 30	47 33	61 28	41 25	49 28	52 33	54 38	59 28	61 40	60 44	48 37	49 29	48 40	65 43	65 37	52 35	45 35	48 29	47 31	50 31	68 45	55 45	67 42	48 33	46 30	54.1 35.1	2400 EST/EDT	
POTOMAC 4N COHEN	46 35	50 25	68 30	68 57	60 39	54 29	46 33	59 32	41 26	49 26	53 32	55 36	60 29	64 41	60 47	55 42	52 29	52 41	64 46	64 41	55 37	48 35	50 30	50 34	52 26	68 45	55 45	67 42	51 35	49 36	48 42	55.3 36.2	2100 EST/EDT
OLNEY 1 S GIANNOLA	46 33	50 22	66 32	68 56	59 35	54 29	47 32	58 29	41 24	51 25	52 32	55 35	59 29	63 39	61 45	51 39	51 28	51 38	62 42	63 39	54 34	> >	> >	50 26	53 26	69 42	53 46	66 40	50 31	49 27	55.1 34.3	2400 EST/EDT	
CLARKSBURG 2ENE HOLDEN	45 31	49 24	67 34	67 57	60 33	53 29	49 35	58 27	41 24	49 26	52 33	54 33	60 31	63 40	60 44	47 34	50 27	53 38	63 42	61 36	53 34	46 33	47 27	49 29	51 28	68 41	53 44	65 39	49 30	47 27	54.1 33.8	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	47 34	50 27	67 32	69 59	62 37	54 29	48 33	60 30	42 26	50 26	52 33	54 37	60 30	64 41	60 47	50 39	51 30	53 41	65 44	65 40	54 37	48 36	48 32	49 26	53 26	69 45	55 48	65 42	51 34	49 30	49 40	55.3 35.8	2400 EST/EDT
GLENMONT 1NNE ROSSEN	49 33	52 23	70 28	71 57	61 36	58 29	47 31	63 31	46 26	52 25	56 32	59 34	63 28	68 38	64 47	52 37	54 29	52 39	66 45	63 38	58 37	49 35	53 26	51 30	56 26	71 42	54 43	69 40	52 33	49 28	57.4 34.4	2400 EST	
BETHESDA SCAFIDE	47 34	50 27	68 35	70 58	61 37	54 30	47 35	60 31	43 26	49 28	53 35	55 37	61 31	65 42	60 47	49 38	51 30	52 42	66 47	63 39	55 37	46 35	49 29	48 33	52 28	68 44	53 45	68 42	50 34	48 32	55.1 36.3	2400 EST/EDT	
GAITHERSBURG 2WNW SHAW	46 33	51 26	69 30	69 58	61 35	56 28	48 31	59 30	42 26	51 27	53 32	55 35	61 28	66 40	60 47	48 38	52 30	52 41	64 39	63 36	56 35	49 35	51 26	51 32	56 26	72 44	55 46	65 41	52 33	49 28	49 40	55.8 35.0	2400 EST/EDT
FOREST GLEN TERRY	49 34	55 27	70 34	71 57	62 35	59 30	48 34	63 31	46 27	53 27	56 34	60 37	63 31	69 41	64 47	52 38	56 30	53 42	66 46	66 40	59 36	50 36	53 36	52 28	55 27	71 44	56 47	70 43	54 32	50 30	58.1 36.0	2400 EST/EDT	
OXON HILL SMITH	51 35	53 28	71 33	73 58	63 39	58 31	50 36	66 34	47 29	52 29	57 37	59 37	65 31	71 43	64 46	53 41	54 34	57 43	69 51	68 44	59 39	52 39	53 39	53 33	56 33	71 45	61 51	74 45	54 37	48 34	52 42	59.2 38.4	2300 EST/EDT
HOLLYWOOD ABELL	54 39	53 28	69 33	75 58	64 53	56 32	59 38	67 37	48 29	52 27	56 36	60 38	61 31	67 44	63 48	54 44	52 34	55 41	75 49	71 44	60 36	52 37	50 32	52 30	54 34	72 49	65 46	80 47	50 36	48 36	59.9 39.0	2359 EST/EDT	
RIDGE ZYLA	54 32	46 31	65 39	68 53	63 39	53 36	60 39	67 38	47 29	49 32	74 36	62 40	59 35	65 47	61 46	55 38	49 34	52 40	72 45	58 41	59 41	55 36	49 34	51 34	50 35	71 50	63 43	80 47	49 39	50 38	58.7 39.1	2400 EST/EDT	
SMITHSBURG 1.5 SW HUTTO	42 30	46 25	69 28	63 57	60 31	54 25	48 29	40 28	53 24	50 21	54 34	62 33	57 26	58 37	49 43	51 35	51 28	52 38	63 42	60 36	53 33	43 31	48 27	50 24	48 19	68 41	56 40	58 39	49 30	52 29	53.5 32.4	2400 EST/EDT	
HAGERSTOWN 1E KEEFER	43 29	43 24	68 29	62 54	58 32	50 26	48 29	48 27	39 24	50 22	52 35	51 33	61 27	63 38	57 44	50 34	48 27	51 38	63 41	59 36	52 34	43 31	46 28	46 27	51 22	67 42	55 42	58 39	48 29	46 28	52.5 32.6	2400 EST/EDT	
SMITHSBURG 2 NE VAUGHN	42 31	43 25	65 40	65 57	62 33	50 29	47 36	49 28	38 24	49 25	51 34	47 34	60 29	62 41	55 44	50 35	47 28	49 38	64 42	60 36	50 33	44 34	45 28	44 28	50 26	65 47	55 43	59 39	46 29	46 31	52.0 34.4	2400 EST/EDT	
SALISBURY NWS WICOMICO CO APT	51 35	48 23	65 24	72 57	63 39	59 28	64 32	66 37	44 25	50 21	54 31	56 34	58 24	71 39	61 45	50 40	49 30	52 35	73 50	67 41	55 28	54 26	50 23	52 23	51 26	68 46	65 36	79 45	50 26	64 30	58.4 33.6	2400 EST/EDT	
WASH NATIONAL NWS ASOS	52 37	53 31	70 38	72 55	64 39	57 37	50 39	65 34	46 29	51 33	54 38	59 40	62 36	69 44	63 49	53 40	53 34	56 44	70 51	66 41	58 39	51 40	51 34	52 37	54 48	71 49	58 46	74 46	53 37	49 35	58.3 39.7	2400 EST	
WASH DULLES NWS ASOS	47 33	51 24	69 30	71 59	63 37	55 28	49 31	60 31	44 27	51 25	54 32	57 33	65 33	67 39	60 48	50 38	51 30	54 42	66 51	63 41	57 38	48 34	49 31	50 35	70 24	56 42	67 43	50 40	46 33	49 33	56.2 35.5	2400 EST	
STERLING 4 N SHAFFER	49 37	52 28	69 31	70 60	63 38	55 31	48 33	59 32	46 27	51 27	56 34	58 34	65 31	67 40	62 47	50 41	52 30	53 42	65 51	65 41	59 37	49 39	49 32	52 35	53 29	71 44	55 47	62 42	53 36	48 31	56.6 37.0	2400 EST/EDT	
DAVIS 3 SE WV LESHER	32 17	25 15	46 15	60 42	54 26	44 19	46 19	50 34	24 9	39 9	40 24	42 27	61 27	59 36	46 32	28 28	43 13	50 13	56 34	33 24	44 22	42 22	32 17	31 17	46 17	54 17	54 37	49 39	44 17	41 26	43.3 22.9	0700 EST/EDT	

**ACON MD / DE / DC
MARCH 2008 DAILY PRECIPITATION**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	OBS TIME
BEAR 2 SW, DE GALLAHER	T			0.22	0.43		0.75	0.90				T		T	0.03	0.17		0.07	0.53	0.10							0.03	T		0.02	3.25	2400 EST/EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT	T			0.19	0.53		0.70	1.45				T		T	0.02	0.13		0.15	0.51	0.22							0.04	T		0.06	4.00	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS				0.26	0.53		0.75	1.02							0.04	0.20		0.11	0.74	0.20							0.05			0.05	3.95	2400 EST/EDT	
TOWNSEND 4 W, DE U of D DE Townsend Farm				0.24	0.45		0.73	1.02							0.04	0.18		0.05	0.39	0.19							0.07			0.04	3.40	2400 EST/EDT	
GEORGETOWN, DE NWS SUSSEX CO APT	0.01				0.98		0.81	0.34			0.02			T	0.12	0.11			0.01	0.10		T						T		T	2.50	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR				0.01	0.75		1.09	0.37			0.01				0.09	0.13				0.09											2.54	2400 EST/EDT	
HARBESON 8 S, DE UofD WARRINGTON FARM					0.63		0.48	0.63			0.02				0.06	0.19				0.09											2.10	2400 EST/EDT	
FROSTBURG LATTA	0.41 3.8				1.43			0.25	0.08 0.7		T	T 0.1			0.36	0.04	T		0.70	0.65 T		T	0.02 T				T	0.28	0.02		4.24 4.6	0700 EST/EDT	
LAVALE MULLINS**	0.01			1.06	0.26 T		0.14	0.18 0.1		T					0.28	0.07 0.1		0.22	0.92			0.01 T				0.08	0.11				3.34 0.2	2400 EST/EDT	
PASADENA 2N HANSON	0.03			0.10	0.27		0.77	0.57			0.01				0.03	0.19		0.03	0.45	0.09		0.01					0.03			0.02	2.60	2400 EST/EDT	
LOTHIAN JUG BAY					0.54		T	0.96	0.28		0.07	T	T			0.27	0.03			0.37	T	T			M			M		0.02	2.54	0900 EST/EDT	
BWI NWS ASOS	0.02			0.10	0.30		0.78	0.24		T	T			T	0.01	0.17		0.05	0.56	0.08		0.01					0.02			0.03	2.37	2400 EST	
LAUREL 2 E STOUDT	0.03			0.21	0.44		0.64	0.25		T	0.01			0.01	0.02	0.35		0.04	0.52	0.05		0.01					0.05			0.05	2.68	2400 EST/EDT	
OWINGS MILLS 2SE SHARROW	T T			0.13	0.46		0.35	0.16			T			T	0.04	0.24		T	0.55	0.16		T T				0.03	T			0.08	2.20	2400 EST/EDT	
BALTIMORE 2SE MANFRE	0.03			0.13	0.33		0.72	0.26						0.01	0.01	0.18		0.09	0.56	0.08		T					0.02		0.02	0.03	2.47	1800 EST/EDT	
BALT INNER HARBOR MD SCIENCE CENTER	0.03			0.15	0.36		0.64	0.28								0.16		0.06	0.52	0.08							0.01		0.01	0.01	2.31	2400 EST	
MANCHESTER 1SW CLOSE	0.02 T			0.25	1.56		0.41	0.18		T	T			0.04	0.01	0.20		0.10	0.74	0.38		T T					T			0.17	4.06	2300 EST/EDT	
WESTMINSTER 4 SSE HARTSOCK	0.02				2.09		0.29	0.42							0.03	0.24			0.70	0.40		T T					0.02			0.21	4.42	1900 EST/EDT	
WESTMINSTER 5 SSE KLEIN	0.01			0.20	1.57		0.42	0.24								0.27			0.63	0.38						0.02				0.18	3.92	2200 EST/EDT	
MILLERS 4NE MILLER	0.02 T			0.04	1.44		0.24	0.36 T			T				0.07	0.29 T		0.01	0.86	0.47		T T					0.02	T		0.12	3.94	1800 EST/EDT	
BRYANS ROAD 2 ESE BRUMBACK				0.60	0.13		0.80	0.26		0.02	0.05			0.04	0.01	0.42			0.22	0.23							T			0.03	2.81	2400 EST/EDT	
EMMITSBURG 2 SE GLASS	0.04				1.31			0.47	0.25						0.17	0.06		T	0.20	0.78							T	T			3.28	0630 EST/EDT	

ACON MD / DE / DC
MARCH 2008 DAILY PRECIPITATION

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	OBS TIME
FREDERICK 3 WNW LAWRENCE				0.50	0.43		0.39	0.23		0.03				0.08	0.04	0.10		0.19	0.62	0.19							0.02			0.16	2.98	2300	
EAGLE ROCK HARVEY	0.70	0.16			1.20		0.20	0.10	0.15		T	T			0.25	0.27			0.85	0.55		0.10					0.03	0.20	0.01		4.77	0800	
LAUREL JHU / APL GIANNOLA	0.02			0.34	0.49		0.40	0.22			T			0.01		0.37		0.05	0.45	0.11							0.03			0.07	2.56	2400	
POTOMAC 4N COHEN	T			0.09	1.61		0.39	0.31			0.04			T	T	0.22		0.02	0.46	0.14		0.01					0.02			0.20	3.51	2100	
OLNEY 1 S GIANNOLA	0.01			>	2.15		>	0.69			0.02			T	>	0.20		0.07	>	0.63		0.01					0.03			0.10	3.91	2400	
CLARKSBURG 2ENE HOLDEN	0.02			0.57	0.78		0.47	0.24		0.01				T	0.06	0.17		0.11	0.43	0.05		T					0.03			0.19	3.13	2400	
MONTGOMERY VILLAGE ROTH 1SW				0.54	0.54		0.39	0.31			0.05			0.02	0.02	0.16		0.12	0.38	0.11							0.06				2.70	2400	
GLENMONT 1NNE ROSSEN	0.01			1.21	0.65		0.45	0.25		0.01	T			0.01	0.02	0.20		0.07	0.62	0.02		0.01					0.05	T		0.12	3.70	2400	
BETHESDA SCAFIDE	0.01			1.41	0.52		0.26	0.18		0.01				0.01	0.01				0.13	0.04		0.01									2.59	2400	
GAITHERSBURG 2WNW SHAW	T			0.62	0.73		0.40	0.23			0.03			0.01	0.01	0.15		0.06	0.36	0.17		T					0.02			0.14	2.93	2400	
FOREST GLEN TERRY	0.01			1.17	0.62		0.49	0.24		0.01	0.01			T	0.04	0.32		0.03	0.48	0.13		0.02					0.05			0.11	3.73	2400	
OXON HILL SMITH				0.28	0.41		0.61	0.16		T	0.03			T	0.03	0.62			0.35	0.09							T	T		0.01	2.59	2300	
HOLLYWOOD ABELL				0.12	0.45		1.26	0.15			T			0.04	0.03	0.23			T	0.25								0.06	0.03	0.04	2.66	2359	
RIDGE ZYLA				0.09	0.48			1.69							0.05	0.25	T		0.09			0.02						T	0.07	T	0.05	2.79	2400
SMITHSBURG 1.5 SW HUTTO	T			0.72	1.59		0.59	0.24			0.03			0.15	0.07	0.17		0.30	0.96	T		T					0.02	T		0.09	4.93	2400	
HAGERSTOWN 1E KEEFER	T			1.47	1.44		0.52	0.16						0.11	0.07	0.15		0.26	0.88	0.01		T					0.02	T		0.07	5.16	2400	
SMITHSBURG 2 NE VAUGHN				0.49	1.72		0.63	0.49			0.01			0.13	0.07	0.16		0.21	0.85	0.01							0.01			0.06	4.84	2400	
SALISBURY NWS WICOMICO CO APT	T			T	0.84		0.82	0.27			T			T	0.05	0.12			0.01	0.18		0.06						0.01	0.03	T	0.03	2.42	2400
WASH NATIONAL NWS ASOS	T			0.39	0.45		0.59	0.18		T	T			T	0.03	0.57		T	0.51	0.03							0.01			0.04	2.80	2400	
WASH DULLES NWS ASOS				0.50	0.43		0.39	0.23		0.03				0.01	0.07	0.12		T	0.40	T		0.02					0.06	T		0.21	2.47	2400	
STERLING 4 N SHAFFER				>	1.13		0.39	0.23			0.03			0.05	0.11	0.16		0.06	0.28	0.17	T	0.04					0.07			0.21	2.93	2400	
DAVIS 3 SE WV LESHER	0.77	0.17			1.58	0.02		0.07	0.38	0.02	0.19	T		T	0.44	0.21	0.02		0.37	0.77		0.05	0.14		0.04	T	T	0.39	0.11	T	5.74	0700	
	6.4	2.1			0.6	0.2			2.9	0.3	1.7	T			1.0	T	0.4			1.2			1.5		0.7	T	T				19.0	EST/EDT	