



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

FINALLY NEAR NORMAL SOAKING RAINS !! BUT THE DROUGHT CONTINUES

The month's highlight was the beneficial soaking rains that finally fell. The rains fell on the heel of one of the driest Februarys on record. Depending upon the location, this was the wettest month out of the past seven (7) to ten (10). Although the rains were good for farmers, it did little to relieve the long term drought which is at extreme levels in the northern portions, and getting worse. Stream flows remain at record or near record low rates.

March, which is one of the windiest months of the year, lived up to its reputation this year. It was windier than normal as a result of frequent frontal passages.

PRECIPITATION

The rains this month were well distributed throughout the month. Generally there were six (6) rainy periods; 2nd & 3rd, 9th & 10th, 12th & 13th, 16th through the 20th, 26th, and the 31st. The heaviest rains fell on the 31st across southern St. Marys county east across the Chesapeake Bay into Wicomico County Maryland and Sussex County Delaware. **John Zyla** of **Ridge** recorded 1.54". That was the greatest daily rainfall reported by an ACON observer.

The overall regions heaviest rains fell on the 2nd and the 20th. The rainfall of the 2nd generally ranged from 2/3rds of an inch to a little over an inch. An inch fell in a band from north of Baltimore south between US route 29 and the western shore of the Chesapeake Bay into central St Marys County.

The rainfall of the 20th ranged from 2/3rds of an inch to an inch and a quarter. This time amounts of an inch or more fell from northern Delaware west across northern Maryland. Washington County, the driest county last year, saw the heaviest rains. **Greg Keefer** of **Hagerstown 1E** recorded 1.37", and **Jim Vaughn** of nearby **Smithsburg 2 NE** recorded 1.22".

Thundershowers / thunderstorms occurred on the 9th, 10th, 17th, and 26th across portions of the region. None were severe. Pea size hail was reported by **Lynn Albright** of **Fallston 2 NW** on the 10th.

SNOWFALL

Snow was almost non-existent this month. Measurable amounts fell at only three locations. **Rebecca Harvey** of **Eagle Rock** reported 8.0" while **Robert Rickell** of **Hanover 2 S** and **Jim Vaughn** of **Smithsburg 2 NE** each reported 0.1".

TEMPERATURE

Temperatures continued their streak of being above normal again this month.

The month began on a cold note. The cold spell, which moved into the region at the end of February, brought temperatures in the teens on the morning of the 1st. The cold air returned for the 4th and 5th after a brief warm-up.

The temperatures on the morning of the 5th were the coldest of the season at many stations (see observer notes on page 2). **Rebecca Harvey** of **Eagle Rock** recorded a zero degree reading. Readings in the single digits were scattered across Baltimore, Carroll, and Montgomery Counties.

A preview of spring occurred mid month. Temperatures rose into the 70's with a trio of 80's. **Marty Brumback** of **Bryans Road 2 ESE**, and **Jug Bay Wetlands** of **Lothian** each recorded 81 degrees.

The second full day of spring brought with it some of the coldest maximum temperatures of the month. Temperatures on the 22nd failed to rise above the low to mid 30's at many stations. This cold snap was short lived. The balance of the month was more seasonable.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands 81
Bryans Head 2 ESE 81

MINIMUM TEMPERATURE

Eagle Rock 0
Parkton 5 SW 8
Westminster 4 SSE 8

WARMEST AVG. TEMP.

Ridge 48.7
Bryans Head 2 ESE 47.9

COLDEST AVG. TEMP.

Eagle Rock 37.1
Hanover 2 S 41.2

MAXIMUM PRECIPITATION

Wilmington 4 NNE 5.61
Fallston 2 NW 5.19

MINIMUM PRECIPITATION

Eagle Rock 3.08
Parkton 5 SW 3.55

MAXIMUM SNOWFALL

Eagle Rock 8.0
Smithsburg 2 NE 0.1
Hanover 2 S PA 0.1

Floyd Abell

Floyd, a weather icon in his hometown of Hollywood and St. Marys County, took seriously ill suddenly on April 12. After spending over a week in the hospital he has returned home. He will continue his long recovery at home. Floyd is a longtime member of ACON and other weather organizations. Please drop him a card and or a note, but no phone calls please at this time. Floyd will surely appreciate it. If you need his address contact Kevin Shaw or Marty Brumback.

OBSERVER COMMENTS FOR MARCH 2002

Gary Gallaher of Bear 2 SW, DE

This was the wettest month since May 2001. Precipitation was only 0.07" below the normal. March temperatures were again above normal. It was a windy month due to frequent frontal passages.

20th—First daily rainfall of 1" since November 25, 2001.

Dan Hanson of Millersville 1 SE

March made a valiant attempt to avoid a rain deficit, but fell just a little short thus continuing the streak of dry months to seven (7).

5th—15 degrees was the coldest of the winter season.

Al Kreinik of Parkton 5 SW

5th—8 degrees, the coldest of the winter.

15th—First maximum temperature of 70 for the year.

17th—Rain mixed with snow and sleet 1:05-1:25 PM.

9th, 10th, & 26th—Thunder

Marty Sharrow of Owings Mills

1st—Sunshine and much milder afternoon.

17th—Overcast with AM sleet; then afternoon light rain and colder.

22nd—Sunshine, windy, and unseasonably cold

23rd—Damaging AM freeze (19 degrees)

Joe Manfre of Baltimore 2SE

17th—Sleet.

22nd—Sunny, very windy, and cold.

Herb Close of Manchester 1 S

Wettest month since September 2001.

5th—10 degrees tied January 1st for the coldest temperature of the winter.

9th, 10th & 26th—Thunderstorms

Ralph Hartsock of Westminster 4 SSE

10th—Lightning, high winds, peak gust 48 MPH.

17th—Cloudy, colder with sleet, snow, & rain.

22nd—Brutally cold, windy, snow showers—20's all day.

Bobby Miller of Millers 4 NE

Precipitation 0.63" above normal. Wettest month since September.

5th—PM maximum temperature 29 degrees. Minimum temperature of 9 degrees the coldest of the winter season.

9th, 10th, & 26th—Thunder.

Lynn Albright of Fallston 2 NW

10th—Pea size hail.

26th—Dense evening fog. High temperature reached at midnight.

Rich Giannola of Laurel JHU/APL

10th, 21st, & 22nd—Wind gusted to 44 mph, 46 mph, and 43 mph.

Rich Giannola of Olney 1 S

9th—AM fog burning off by 9:30 AM.

21st—Becoming windy at 7:30 PM.

Rob Cohen of Potomac 4 N

4th—Windy, temps in the low 30's most of the day.

5th—Coldest temperature of the season of 14 degrees.

17th, 26th, & 31st—Thunder.

Kevin Shaw of Gaithersburg 2 WNW

March 2002 was a bit less rigorous than the past few Marchs, but when put in perspective with recent months, a return to wetter and slightly cooler conditions was more the rule rather than the exception in March 2002. Precipitation was above normal for the first month (by 0.01") since last summer.

4th—32 degrees daily high was the second freezing maximum temperature of the winter season.

5th—9 degrees tied the coldest temperature of the winter.

Joe Terry of Forest Glen

2nd—First 1"+ calendar day rainfall since September 2001.

5th—Tied coldest temperature of the winter (15 degrees).

15th—Warmest day of the winter (78 degrees).

16th—Maximum temperature for the day occurred at 9 AM.

Bill Hudelson of South Bowie

9th—Dense morning fog.

10th—Thunderstorm 0230 hours.

18th—Moderate noon fog.

26th—Fog, dense during the evening. T'storm 1830 hours.

Floyd Abell of Hollywood

Wettest month since August 2001.

26th—Mid and late afternoon thunderstorm.

John Zyla of Ridge

31st—Thunderstorm during the evening brought 1.23" of rain in a few hours bringing the daily total to 1.54" making it the highest in eight (8) months.

Greg Keefer of Hagerstown 1 E

First month with above normal rainfall since last June helped a lot with the drought.

2nd—Some sleet fell today around mid day with no accumulation.

4th—Windy and cold overnight. NW winds to 32 MPH. Also a few snow flurries.

10th—Strong winds continued all night and all day with many gusts 40+ mph peaking at 50 mph several times today.

15th—Very warm today with a high of 78 degrees.

20th—Rain all night mixed with sleet at times. Rain all morning was moderate to heavy at times ended by 2 PM with 1.37" for the day.

Jim Vaughn of Smithsburg 2 NE

With a wet ending for the month, March came 0.01" short of tying the 24 year average while extending the below normal precipitation streak to 12 months. Snowfall tied for the second least to fall in March.

20th—First daily rainfall of over 1 inch since June 22, 2001 (114 days) and the second in the previous 240 days.

Rob Rickell of Hanover 1 S, PA

17th—Snow, ice pellets, rain and fog today.

26th—Thunder.

ACON MD /DE / DC
MARCH 2002 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 CAL	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL		DATE	SEA-SON
<i>New Castle, Delaware</i>																									
Canavan, Jim	Wilmington 4 NNE	53.5	33.7	43.6	73	15+	14	5	0	1	12				5.61	1.20	20	10	1	9.05	0.0	0.0	5.0	2400	
Gallaher, Gary	Bear 2 SW	54.5	33.9	44.2	73	15	15	1	0	0	13	49	SSE	3	4.24	1.01	20	11	1	7.39	T	T	17	5.0	2400
Wilmington NWS ASOS	NCC Airport	53.9	34.7	44.3	72	15+	18	5	0	0	12	45	W	3	4.05	0.93	20	12	0	7.20	T	T	17	2.4	2400
<i>Sussex, Delaware</i>																									
Georgetown NWS ASOS	Sussex Co. Airport	57.2	36.7	47.0	75	16	15	5	0	0	10	39	SSE	3	5.40	1.70	31	13	1	8.84					2400
U of D Research & Ed Ct	Georgetown	57.3	36.3	46.8	74	16	16	5	0	0	9				5.10	1.34	31	12	1	8.10					2400
<i>Anne Arundel, Maryland</i>																									
Baltimore NWS ASOS	BWI Airport	55.7	34.3	45.0	78	15	16	5	0	0	14	49	W	10	3.75	0.92	2	12	0	6.30	T	T	22	2.3	2400
Hanson, Dan	Millersville 1 SE	57.3	34.5	45.9	76	15	15	5	0	0	13	44	NNW	10	3.73	1.02	2	14	1	6.24	T	T	21	2.5	2400
Jug Bay Wetlands	Lothian	57.7	34.5	46.1	81	16	12	5	0	0	12				4.23	1.15	3	14	1	6.74					0900
Stoudt, Jeff	Laurel 2 E														4.30	1.08	2	13	1	6.77	0.0	0.0	2.6		2400
<i>Baltimore, Maryland</i>																									
Kreinik, Al	Parkton 5 SW	54.2	31.8	43.0	76	15	8	5	0	0	15	59	WNW	21	3.55	1.15	20	11	1	6.39	T	T	17+	6.2	2200
Sharrow, Marty	Owings Mills 2 SE	54.1	32.6	43.4	75	15	11	5	0	2	12	47		22	4.41	1.02	20	13	2	7.26	T	T	21	6.7	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	56.3	38.7	47.5	74	15	21	5	0	0	7				4.39	1.09	2	13	2	7.47	T	T	17	2.8	1800
Maryland Science Ctr	Baltimore Inner Harbor	55.7	38.1	46.9	72	16	20	5	0	0	6				4.11	0.94	2	12	0	6.46					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	53.1	32.5	42.8	75	15	10	5	0	2	14	51		10	3.96	1.09	20	13	1	6.53	T	T	21+	8.9	2100
Hartsock, Ralph	Westminster 4 SSE	53.5	32.5	43.0	72	15	8	5	0	0	13	48		10	4.25	1.14	20	12	1	6.94	T	T	21+	6.6	2200
Miller, Bobby	Millers 4 NE	55.1	33.5	44.3	75	15	9	5	0	0	12	49	WSW	10	4.40	1.16	20	12	1	7.30	T	T	4+	8.1	1800
<i>Charles, Maryland</i>																									
Brumback, Marty	Bryans Head 2 ESE	58.5	37.2	47.9	81	15	15	15	0	0	9	37		21	3.64	0.90	2	12	0	5.87M	0.0	0.0	3.7M		2400
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	49.2	25.0	37.1	74	16	0	5	0	5	23				3.08	0.85	27	15	0	9.71	8.0	4.0	22	56.5	0800
<i>Harford, Maryland</i>																									
Albright, Lynn	Fallston 2 NW	55.7	31.3	43.5	73	15	10	5	0	0	16				5.19	1.16	20	13	2	8.51	T	T	17+	5.8	2400
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	55.7	34.2	45.0	77	15	15	5	0	1	13	46		21	5.14	1.28	2	13	2	7.80	0.0	0.0	4.0		2400
<i>Montgomery, Maryland</i>																									
Cohen, Rob	Potomac 4 N	57.6	35.9	46.8	79	15	14	5	0	0	10				4.25	0.98	20	13	0	6.83	T	T	17	2.7	2100
Giannola, Rich	Olney 1 S	55.6	33.2	44.4	77	15	12	5	0	0	13				4.13	0.97	2-3	9	0	6.37	0.0	0.0	4.0		2400
Rossen, Stan	Glenmont 1 NNE				79	15	14	5							4.11					6.24	T	T	17+	4.0	2400

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		AVG MAX	AVG MIN	MEAN	MAX	DAY	MIN	DAY	MAX >=90	MAX <=32	MIN <=32	GUST	DIR	DAY	TOTAL	MAX CAL	DATE	DAYS >=.01"	DAYS >=1"	YEAR	TOTAL	MAX CAL		DATE	SEA-SON
Scafide, Tony	Bethesda	57.5	37.5	47.5	79	15	17	5	0	0	7	27		10	2.61M	0.59	20	12	0	4.48M	0.0	0.0		3.0M	2400
Shaw, Kevin	Gaithersburg 2 WNW	56.4	32.1	44.3	78	15	9	5	0	1	16				3.81	0.82	2	12	0	6.31	T	T	4	5.5	2400
Terry, Joe	Forest Glen	57.6	36.2	46.9	78	15	15	5	0	0	10	38	W	10	4.11	1.17	2	12	1	6.16	0.0	0.0		4.1	2400
Wash Gas Light	Rockville 1 NE	55.9	35.7	45.8	81	15	13	5	0	1	10				3.48	0.73	2	13	0	5.26	0.0	0.0		2.6	2400
	<i>Prince Georges, Maryland</i>																								
Hudelson, Bill	South Bowie	56.5	35.9	46.2	77	15+	14	5	0	0	11	41	NW	22	4.13	1.12	2	12	1	6.44	0.0	0.0		2.8	2400
	<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	58.0	37.0	47.5	79	15	16	5	0	0	10	41		21	4.37	1.07	2	13	1	7.55	0.0	0.0		8.3	2400
Van Wie, Michael	Oraville	57.6	35.2	46.4	78		11		0	0	11				4.26	1.10		14	1	7.48	0.0	0.0		8.0	2400
Zyla, John	Ridge	57.7	39.7	48.7	78	15	17	5	0	0	6	37	NE	21	5.09	1.54		14	1	8.64	T	T	22	7.4	2400
	<i>Washington, Maryland</i>																								
Keefer, Greg	Hagerstown 1 E	54.6	32.7	43.7	78	15	12	5	0	1	16	50	NW	10	4.31	1.37	20	11	1	6.83	T	T	2+	7.0	2400
Vaughn, Jim	Smithsburg 2 NE	53.9	33.1	43.5	75	15	15	4+	0	1	13	57	NW	10	3.89	1.22	20	10	1	6.12	0.1	0.1	17	6.9	2000
	<i>Wicomico, Maryland</i>																								
Salisbury NWS ASOS	Wicomico Co. Apt	57.7	34.3	46.0	77	16	14	1+	0	0	13	44	SSE	1+	5.72	1.33		15	1	10.13	T	T	21	5.6	2400
	<i>York, Pennsylvania</i>																								
Rickell, Robert	Hanover 2 S, PA	51.7	30.6	41.2	74	15	11	5	0	2	18				3.80	1.16		12	1	6.58	0.1	0.1	17	9.6	2100
	<i>Arlington, Virginia</i>																								
Wash National NWS	National Airport	57.3	38.0	47.7	80	15	19	5	0	0	6	52	NNW	21	3.37	0.77	2	13	0	5.16	0.0	0.0		3.2	2400
	<i>Loudon, Virginia</i>																								
Wash Dulles NWS ASOS	Dulles Airport	56.5	34.1	45.3	78	15	11	5	0	0	12	45	N	21	3.48	0.79	2	13	0	5.17	0.0	0.0		2.6	2400
SECTION AVERAGE		55.7	34.5	45.1											4.25						0.2				

NOTES:

M = MISSING DATA
 > = INCLUDED IN NEXT DAYS DATA
 + = ALSO ON A LATER DATE(S)

GARY GALLAHER 4/26/02

ACON MD / DE / DC
MARCH 2002 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		
WILMINGTON 4NNE	49	52	56	33	39	61	67	69	69	66	39	51	45	65	73	73	39	41	48	47	55	32	46	55	42	47	49	57	65	69	58	53.5	2400		
CANAVAN	18	28	32	21	14	22	32	35	45	35	21	32	42	41	47	56	33	33	38	38	37	21	24	39	37	33	37	28	34	47	46	33.7	EST		
BEAR 2 SW, DE	49	53	60	36	40	60	68	65	70	64	44	50	47	65	73	72	40	44	51	50	57	35	48	57	51	48	49	54	65	70	54	54.5	2400		
GALLAHER	15	23	36	22	17	32	34	31	44	32	23	28	44	43	43	38	36	37	38	40	35	23	26	27	39	40	41	30	37	49	48	33.9	EST		
WILMINGTON, DE	48	53	59	36	39	60	67	66	65	66	44	50	47	65	72	72	40	44	50	49	56	35	48	56	50	47	49	53	61	69	55	53.9	2400		
NWS N. CASTLE CO APT	23	27	36	20	18	27	39	34	46	29	24	31	44	43	45	37	35	36	39	40	32	22	26	36	38	39	40	31	41	50	48	34.7	EST		
GEORGETOWN, DE	48	56	65	43	40	59	67	70	73	66	45	58	50	67	73	75	47	46	48	57	55	37	48	62	50	66	54	54	65	72	58	57.2	2400		
NWS SUSSEX CO APT	23	26	43	24	15	31	43	36	51	35	27	28	47	44	44	47	41	44	43	42	38	25	19	26	37	44	39	37	35	55	48	36.7	EST		
GEORGETOWN, DE	49	57	65	43	40	58	66	69	72	66	45	58	52	68	72	74	47	47	48	57	55	37	48	62	52	67	54	54	65	72	58	57.3	2400		
U OF D RES & ED CTR	19	25	42	23	16	32	41	35	53	33	24	28	47	46	45	47	41	44	42	42	37	24	19	28	36	44	39	37	36	56	47	36.3	EST		
BALTIMORE	51	51	58	34	43	63	68	70	69	66	45	49	49	67	78	72	42	46	52	49	60	36	51	59	55	48	49	54	64	69	61	55.7	2400		
NWS BWI APT	20	26	34	20	16	26	35	31	49	31	25	31	43	42	44	42	37	38	37	40	32	23	24	29	40	40	39	30	40	53	47	34.3	EST		
MILLERSVILLE 1SE	53	52	61	36	45	66	69	71	69	67	48	48	50	67	76	74	44	48	53	50	63	38	54	61	58	51	51	57	65	73	57	57.3	2400		
HANSON	18	27	36	21	15	27	35	32	50	34	24	30	43	46	45	43	38	38	38	40	32	24	22	27	38	40	40	30	38	52	47	34.5	EST		
LOTHIAN	39	54	59	60	38	46	65	73	72	73	51	54	47	51	69	81	77	43	48	53	51	61	40	52	66	61	54	51	57	69	74	57.7	0900		
JUG BAY	16	22	37	27	12	25	35	31	44	40	25	28	40	41	42	62	39	39	39	42	40	22	19	24	35	42	42	27	35	47	51	34.5	EST		
LAUREL 2 E																																			
STOUDT																																			
PARKTON 5SW	51	47	62	33	41	61	67	69	66	60	44	55	48	68	76	68	41	43	51	47	59	33	49	56	53	46	48	54	63	67	55	54.2	2200		
KREINIK	13	23	33	18	8	22	31	32	52	32	21	26	41	43	46	41	32	35	36	37	33	22	20	26	34	37	38	28	33	48	45	31.8	EST		
OWINGS MILLS 2SE	48	46	58	32	40	61	67	70	67	61	44	52	48	66	75	72	39	44	55	46	60	31	50	57	52	47	47	54	65	67	57	54.1	2400		
SHARROW	17	26	42	22	11	24	34	34	50	34	22	29	40	40	44	39	33	34	35	36	31	19	19	29	38	35	36	29	35	48	45	32.6	EST		
BALTIMORE 2SE	51	51	60	36	44	64	67	71	69	64	50	50	51	66	74	70	44	48	51	49	62	36	50	59	57	48	52	54	63	70	63	56.3	1800		
MANFRE	28	36	40	22	21	32	44	45	47	36	30	38	44	45	47	46	35	39	42	41	43	24	28	38	45	41	42	36	44	52	48	38.7	EST		
BALT INNER HARBOR	51	50	60	36	43	63	66	69	68	66	46	49	50	64	71	72	42	47	50	51	61	36	52	59	55	49	51	54	63	70	63	55.7	2400		
MD SCIENCE CENTER	28	36	36	23	20	34	43	44	51	35	30	37	44	45	47	42	37	39	42	41	33	25	28	37	42	40	41	36	44	52	48	38.1	EST		
MANCHESTER 1SW	48	46	59	29	40	61	65	70	63	61	42	57	46	66	75	67	37	41	50	45	58	32	49	55	51	45	48	52	64	67	56	53.1	2100		
CLOSE	19	29	29	15	10	28	42	44	50	28	22	30	40	39	45	36	30	34	35	35	28	17	21	36	38	35	35	26	39	49	43	32.5	EST		
WESTMINSTER 4SSE	46	48	60	38	39	59	64	67	68	59	41	55	51	63	72	71	41	45	53	48	56	35	47	56	54	46	50	50	62	59	55	53.5	2200		
HARTSOCK	16	27	40	18	8	26	33	34	48	31	21	30	41	40	45	41	32	35	36	35	35	17	19	32	38	36	36	27	36	49	47	32.5	EST		
MILLERS 4NE	48	46	60	45	39	61	64	69	66	61	42	56	50	66	75	69	48	43	49	47	57	55	49	55	53	46	48	53	63	65	60	55.1	1800		
MILLER	16	28	41	22	9	26	38	37	50	33	22	30	41	40	46	48	31	34	34	36	35	19	19	31	40	36	36	27	37	49	46	33.5	EST		
BRYANS ROAD 2 ESE	53	55	59	37	47	65	70	73	72	67	50	47	51	71	81	75	48	48	51	49	62	40	53	66	61	53	51	56	70	74	57	58.5	2400		
BRUMBACK	20	33	36	22	15	34	44	39	51	37	29	32	44	47	51	48	39	40	42	41	33	25	23	28	41	41	40	31	43	57	48	37.2	EST		
EAGLE ROCK	22	41	46	52	19	36	56	59	72	70	32	49	58	52	72	74	56	34	50	40	52	50	20	40	50	58	52	30	52	71	60	49.2	0800		
HARVEY	10	20	30	8	0	14	32	40	40	10	12	40	40	42	52	24	22	32	32	30	30	6	6	18	20	30	26	20	22	40	40	25.0	EST		
FALLSTON 2 NW	50	52	60	33	42	64	70	70	71	59	45	56	48	68	72	73	38	45	55	49	60	36	52	60	56	48	49	56	63	70	58	55.7	2400		
ALBRIGHT	14	24	32	18	10	21	30	32	50	27	19	24	42	44	45	37	33	36	35	36	31	20	18	25	34	38	37	29	34	50	46	31.3	EST		
LAUREL JHU / APL	50	48	59	31	44	63	69	71	69	64	45	51	48	70	77	72	40	46	54	48	61	33	51	61	57	48	48	55	67	70	58	55.7	2400		
GIANNOLA	20	29	31	18	15	32	39	35	49	31	25	32	42	41	45	40	35	37	38	38	28	20	24	36	39	38	37	30	40	51	45	34.2	EST		
POTOMAC 4N	54	47	61	40	45	64	70	72	69	67	47	50	50	70	79	71	48	46	53	48	62	35	54	64	62	50	49	57	71	70	60	57.6	2100		
COHEN	20	30	40	22	14	27	34	38	48	35	28	34	43	46	52	48	38	38	39	40	33	22	22	28	42	40	39	28	39	56	49	35.9	EST		
OLNEY 1 S	51	48	59	34	44	63	68	71	71	64	46	52	49	69	77	71	42	46	55	46	60	35	52	61	61	48	48	55	>	>	67	55.6	2400		
GIANNOLA	18	31	34	19	12	29	35	36	48	32	25	32	43	40	50	42	36	36	37	39	31	21	22	29	39	39	38	27	>	>	43	33.2	EST		

ACON MD / DE / DC
MARCH 2002 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
GLENMONT 1NNE ROSSEN					14										79																	79.0 14.0	2400 EST
BETHESDA SCAFIDE	M M	M M	M M	33 20	45 17	63 32	68 40	72 40	70 51	66 34	46 29	48 36	50 44	69 45	79 52	70 44	44 38	47 38	55 41	48 40	62 32	37 23	55 25	64 32	61 44	50 40	50 38	58 31	69 43	72 57	60 47	57.5 37.5	2400 EST
GAITHERSBURG 2WNW SHAW	53 15	48 28	60 30	32 18	47 9	65 23	70 30	72 32	69 46	55 31	49 23	52 33	50 43	70 41	78 49	70 38	39 35	46 36	54 35	45 38	62 28	36 19	55 19	61 26	61 37	49 38	49 32	57 24	70 41	70 54	54 44	56.4 32.1	2400 EST
FOREST GLEN TERRY	53 20	51 35	60 35	36 20	46 15	64 30	71 37	74 40	72 50	65 33	48 27	48 35	50 45	71 45	78 52	73 43	47 38	56 38	47 39	62 40	38 32	52 23	63 23	62 30	50 43	51 40	57 38	69 29	72 44	58 57	57.6 36.2	2400 EST	
ROCKVILLE 1NE WASH GAS LIGHT	50 20	50 35	56 32	31 18	47 13	66 33	69 38	72 37	69 51	67 32	45 28	49 37	49 43	70 43	81 51	71 41	42 36	47 36	54 39	50 38	62 29	35 21	52 24	58 42	48 39	48 39	48 36	54 29	67 43	69 58	58 45	55.9 35.7	2400 EST
SOUTH BOWIE HUDELSON	50 20	51 32	60 35	35 20	42 14	62 32	70 40	72 37	72 47	64 34	46 28	44 30	49 43	68 48	77 51	77 46	44 38	46 38	54 40	48 41	60 33	46 20	50 28	63 41	58 40	50 40	48 30	68 41	70 54	54 47	56.5 35.9	2400 EST	
HOLLYWOOD ABELL	51 21	58 29	61 28	38 22	45 16	63 35	68 42	71 42	72 53	66 37	49 30	52 30	53 45	68 48	79 47	75 47	47 41	48 42	49 42	51 41	59 35	39 25	52 21	64 29	60 40	60 43	53 41	53 33	67 40	74 54	58.0 37.0	2359 EST	
ORAVILLE VAN WIE	49 16	55 28	61 37	39 20	43 11	62 32	67 39	69 37	73 50	65 35	49 27	52 30	53 43	66 48	78 46	74 52	49 40	51 41	50 41	57 35	38 24	51 18	64 26	60 39	59 41	52 38	54 29	68 37	74 48	52 43	57.6 35.2	2400 EST	
RIDGE ZYLA	49 26	54 34	61 54	41 29	47 17	63 37	64 44	66 46	69 47	64 37	46 31	56 39	55 46	64 46	78 51	77 52	48 41	49 42	48 42	53 41	55 34	42 24	54 26	60 36	60 44	63 45	55 38	52 34	64 52	77 51	54 45	57.7 39.7	2400 EST
HAGERSTOWN 1E KEEFER	52 16	48 27	58 29	29 17	44 12	66 25	66 32	72 32	67 50	53 30	45 24	57 34	49 43	69 42	78 50	68 39	39 33	44 36	50 36	48 38	60 27	33 20	53 23	57 28	52 38	44 38	48 32	53 25	68 41	68 54	54 44	54.6 32.7	2400 EST
SMITHSBURG 2 NE VAUGHN	48 18	46 32	59 26	30 15	40 15	60 29	65 37	69 35	69 52	62 26	42 22	57 36	49 44	66 38	75 50	69 38	39 32	48 35	54 36	48 37	56 31	33 18	48 23	56 33	50 36	48 37	46 33	50 25	65 42	67 52	57 44	53.9 33.1	2000 EST
SALISBURY NWS WICOMICO CO APT	48 14	56 19	64 44	43 22	40 14	57 27	67 34	68 28	72 44	65 31	47 23	57 24	54 47	68 40	72 43	77 49	49 42	48 44	50 42	57 42	54 38	39 24	49 15	61 23	54 38	69 45	55 38	54 34	65 32	73 55	56 47	57.7 34.3	2400 EST
HANOVER 2 S, PA RICKELL	48 13	47 22	57 29	29 16	39 11	59 23	64 30	69 31	64 40	54 26	39 22	55 32	46 40	65 40	74 48	65 33	34 30	39 33	48 31	45 35	57 29	31 18	49 21	55 39	48 32	42 36	46 33	51 25	65 40	63 46	55 45	51.7 30.6	2100 EST
WASH NATIONAL NWS ASOS	51 26	54 35	58 36	36 21	45 19	64 34	69 40	72 40	69 50	67 34	46 30	46 36	51 45	69 47	80 51	72 46	46 39	48 40	53 43	52 42	59 33	38 24	53 26	64 34	60 44	52 41	52 39	54 33	67 43	70 57	60 49	57.3 38.0	2400 EST
WASH DULLES NWS ASOS	51 14	50 30	60 33	32 19	46 11	63 30	69 37	73 30	69 44	65 33	47 27	45 33	49 44	69 43	78 50	68 43	43 36	46 38	53 41	50 39	61 30	35 23	53 19	64 23	62 38	48 40	49 37	54 28	70 41	71 56	59 46	56.5 34.1	2400 EST

**ACON MD / DE / DC
MARCH 2002 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
WILMINGTON 4NNE CANAVAN		0.55	0.99							0.20			0.36				0.51	0.39		1.20						T	0.78	0.07			0.56	5.61	2400
																															0.56	0.0	EST
BEAR 2 SW, DE GALLAHER		0.76	0.15						T	0.10		0.01	0.44			T	0.27	0.34		1.01	T									0.48	4.24	2400	
																	T													0.48	T	EST	
WILMINGTON, DE NWS ASOS		0.72	0.25							0.02	0.10		0.03	0.39			T	0.18	0.37		0.93	T				T	0.57	0.04			0.45	4.05	2400
																		T												0.45	T	EST	
GEORGETOWN, DE NWS SUSSEX CO APT		0.50	0.29							0.04		0.13	0.35			0.01	0.25	0.69	0.02	0.63	T	T								1.70	5.40	2400	
																														1.70	0.0	EST	
GEORGETOWN, DE U OF D RES & ED CTR		0.52	0.29							0.01		0.12	0.38				0.23	0.78	0.02	0.63										1.34	5.10	2400	
																														1.34	0.0	EST	
BWI NWS ASOS		0.92	0.08						0.04	0.07		0.15	0.30	..		T	0.20	0.27	0.07	0.82										0.35	3.75	2400	
																														0.35	T	EST	
MILLERSVILLE 1SE HANSON		1.02	0.09						0.03	0.10		0.16	0.22	0.01			0.24	0.24	0.08	0.79										0.13	3.73	2400	
																														0.13	T	EST	
LOTHIAN JUG BAY			1.15	0.01	T				T	0.28			0.39	0.12	T			0.72	0.01	0.40	0.28	0.01	T						0.05	4.23	0900		
																														0.05	0.0	EST	
LAUREL 2 E STOUDT		1.08	0.09						0.05	0.19		0.21	0.32			0.01	0.18	0.30	0.11	0.89										0.37	4.30	2400	
																														0.37	0.0	EST	
PARKTON 5SW KREINK		0.54	0.02						0.06	0.13		T	0.45			0.02	0.11	0.33	T	1.15									T	0.21	3.55	2200	
																	T												0.21	T	EST		
OWINGS MILLS 2SE SHARROW		1.00	0.20						0.09	0.16		T	0.45			0.04	0.14	0.47	0.01	1.02	T									0.23	4.41	2400	
																														0.23	T	EST	
BALTIMORE 2SE MANFRE		1.09	0.06						0.24	0.08		0.02	0.48			0.01	0.11	0.24	0.05	1.04										0.33	4.39	1800	
																														0.33	0.0	EST	
BALT INNER HARBOR MD SCIENCE CENTER		0.94	0.17						0.08	0.25		0.11	0.36				0.16	0.17	0.03	0.93										0.31	4.11	2400	
																														0.31	-	EST	
MANCHESTER 1SW CLOSE		0.49	0.16						0.08	0.33		0.03	0.46			0.03	0.09	0.26	0.03	1.09	T									0.32	3.96	2100	
																	T													0.32	T	EST	
WESTMINSTER 4SSE HARTSOCK		0.39	0.46						0.13	0.32		T	0.52			0.02	0.17	0.36	0.02	1.14	T									0.23	4.25	2200	
																														0.23	T	EST	
MILLERS 4NE MILLER		0.09	0.92	T					0.05	0.24			0.43	T		0.01	0.07	0.49	T	1.16										0.31	4.40	1800	
				T																										0.31	T	EST	
BRYANS ROAD 2 ESE BRUMBACK		0.90	0.03						0.07	0.02		0.20	0.39				0.22	0.25	0.10	0.52										0.28	3.64	2400	
																														0.28	0.0	EST	
EAGLE ROCK HARVEY			0.27	0.02	0.02								0.01			0.30	0.02	0.55	0.07	0.05	0.50	0.20	T							3.08	800		
			2.0	0.5	1.0																	4.0	T							3.08	8.0	EST	
FALLSTON 2 NW ALBRIGHT		1.03	0.43						0.02	0.41		0.12	0.47			0.03	0.19	0.35	0.02	1.16										0.32	5.19	2400	
																														0.32	0.0	EST	
LAUREL JHU / APL GIANNOLA		1.28	0.16						0.06	0.19		0.22	0.41			0.01	0.30	0.28	0.14	1.04										0.43	5.14	2400	
																														0.43	0.0	EST	
POTOMAC 4N COHEN		0.52	0.48						0.09			0.10	0.46			0.05	0.24	0.26	0.06	0.98										0.35	4.25	2100	
																	T													0.35	T	EST	
OLNEY 1 S GIANNOLA		>	0.97						0.05	0.10		>	0.47			0.02	>	0.58	>	0.92										0.36	4.13	2400	
																														0.36	0.0	EST	
GLENMONT 1NNE ROSSEN																	T														4.11	2400	
																															T	EST	
BETHESDA SCAFIDE	M	M	M						0.07	0.01		0.25	0.33			0.01	0.30	0.15	0.16	0.59										0.27	2.61	2359	
	M	M	M																											0.27	EST		
GAITHERSBURG 2WNW SHAW		0.82	0.02	T					0.10			0.23	0.26			0.01	0.40	0.09	0.18	0.81										0.25	3.81	2400	
				T																										0.25	T	EST	

ACON MD / DE / DC
MARCH 2002 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
FOREST GLEN TERRY		1.17	0.06						0.05	0.01		0.27	0.39			T	0.32	0.15	0.17	0.69						0.51				T	0.32	4.11	2400
																															0.0	EST	
ROCKVILLE 1NE WASH GAS LIGHT		0.73	0.04						0.07	0.05		0.23	0.25			0.02	0.26	0.13	0.19	0.66						0.55					0.30	3.48	2400
																															0.0	EST	
SOUTH BOWIE HUDELSON		1.12	0.06						0.02	0.07		0.18	0.37				0.25	0.27	0.07	0.70						0.65					0.37	4.13	2400
																															0.0	EST	
HOLLYWOOD ABELL		1.07	0.04						T	T		0.15	0.19			0.02	0.29	0.47	0.14	0.48						0.93	0.05			0.15	0.39	4.37	2359
																															0.0	EST	
ORAVILLE VAN WIE		1.10	0.08						0.01	0.02		0.12	0.20			T	0.23	0.46	0.12	0.46						0.90	0.02			0.13	0.41	4.26	2400
																															0.0	EST	
RIDGE ZYLA		0.70	0.12									0.05	0.22	0.01		0.01	0.18	0.43	0.16	0.51						0.70	0.07			0.39	1.54	5.09	2400
																															T	T	EST
HAGERSTOWN 1E KEEFER		0.62	0.03	T					0.08			0.02	0.18			T	0.27	0.36	0.15	1.37	T	T				0.79					0.44	4.31	2400
		T	T														T														T	EST	
SMITHSBURG 2 NE VAUGHN		0.57	0.05						0.09		T	0.18				T	0.18	0.31	0.14	1.22	T	T				0.83					0.32	3.89	2000
																	0.1														0.1	EST	
SALISBURY NWS WICOMICO CO APT		0.75	0.38						0.01	0.07		0.21	0.69			T	0.26	0.62	0.02	0.61	0.01	T	T			0.31	0.42			0.03	1.33	5.72	2400
																															T	EST	
HANOVER 2 S, PA RICKELL		0.60	0.20						0.10	0.15		T	0.34	0.02		0.02	0.17	0.33	T	1.16	T	T				0.46	T				0.25	3.80	2100
																	0.1															0.1	EST
WASH NATIONAL NWS ASOS		0.77	0.03						0.04	0.19		0.35	0.21			0.01	0.22	0.16	0.15	0.48						0.50	T		T	T	0.26	3.37	2400
																																0.0	EST
WASH DULLES NWS ASOS		0.79	0.04						0.06	0.04		0.24	0.26			0.03	0.25	0.14	0.18	0.48						0.65			T		0.32	3.48	2400
																																0.0	EST