



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

DRYNESS INTENSIFIES ANOTHER MONTH OF ABOVE NORMAL TEMPS

February 2002 was an extremely dry and almost snow-less month. Record to near record dryness along with mild temperatures were the norm. Drought conditions worsened this month. Water flows in the regions streams and rivers were at quite low levels for this time of the year. On March 2 **Herb Close** of **Manchester 1 SW** visited the Pretty Boy Reservoir. It is one of the reservoirs that supplies water to the City of Baltimore. He said that the water level appeared to be 40 feet below the spillway. February was also a windy month.

SNOWFALL

The last month of winter normally is the snowiest but not this year. Portions of the region east of the mountains received measurable snowfall on only two days, the 4th and 7th.

The most widespread snow event occurred on the 4th. A cold front moving through the region brought snow showers. Many ACON observers reported strong winds along with a brief period of heavy wet snow with the passage of the front. **Joe Terry** of **Forest Glen** reported that an intense snow shower moved through his station around noon. It lasted 18 minutes and reduced visibility to 250 feet. **John Zyla** of **Ridge** reported that enough fell to cover the trees and made everything white, but it all melted in a hour. **Gary Gallaher** of **Bear 2 SW DE** reported a wind driven snow squall which reduced visibility to 1/16th of a mile. The greatest amount (1.0") was reported by **Stan Rossen** of **Glenmont 1 NNE**.

Snow and sleet turned to rain the morning of the 7th from Montgomery County north into Baltimore and Carroll Counties and York County Pennsylvania.

PRECIPITATION

Precipitation was at record to near record lows this month. Wilmington NWS broke its old record by over 4 tenths of an inch. Baltimore NWS saw its driest February in 132 years of record keeping at the Custom House and BWI. Another station to break its long time record was ACON observer **Greg Keefer** of **Hagerstown 1 E**

where 0.20" fell which broke its old record of 0.21" set in 1968. Records at Hagerstown data back to 1897. Many other ACON observers reported record dryness this month. See Observer Comments for details.

Most of this months precipitation fell during the first 10 days of the month. Generally the heaviest fell on the 7th. The greatest amount observed by an ACON observer was 0.66" by **John Zyla** of **Ridge**. The greatest amount reported by a non-ACON observer was 0.81" at Salisbury NWS ASOS at Wicomico County Airport. The only other rain after the 10th fell on the 20th and 26th. Amounts were generally a tenth of an inch or less.

TEMPERATURE

The last month of winter continued the trend which began last fall, that is the temperatures averaged above normal. This was the second warmest winter at **Hagerstown 1E** according to ACON observer **Greg Keefer**. Only the winter of 1931-32 was warmer.

The month began on a very warm note. Temperatures rose into the 60's to the upper 70's before a strong cold front moved through the afternoon of the 1st making this the warmest day of the month at almost all reporting stations. As a result of the strong cold front temperatures on the 2nd were some 30 degrees colder. Up and down temperatures continued throughout the month, but not to that extreme.

Rebecca Harvey of **Eagle Rock** was the only ACON observer to observe a zero degree reading this month.

The month ended on a cold note. The final two days were cold and windy.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Hollywood	79
Ridge	77

MINIMUM TEMPERATURE

Eagle Rock	0
Hanover 2 S PA	10

WARMEST AVG. TEMP.

Ridge	43.4
Baltimore 2 SE	43.0

COLDEST AVG. TEMP.

Eagle Rock	31.3
Hanover 2 S	35.4

MAXIMUM PRECIPITATION

Eagle Rock	1.73
Ridge	0.73
Hollywood	0.65

MINIMUM PRECIPITATION

Hagerstown 1 E	0.20
Smithsburg 2 NE	0.24
Manchester 1 SW	0.31

MAXIMUM SNOWFALL

Eagle Rock	16.7
Gaithersburg 2 WNW	1.3
Millers 4 NE	1.2

MINIMUM SNOWFALL

Six Stations	T
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NEW STATIONS

Three new stations have been added this month. **Jeff Stoudt** has decided to join ACON. Many of us know him. Jeff's precipitation only station is located in Anne Arundel County just east of Laurel. The other two are Georgetown Sussex County Airport, and Salisbury Wicomico County Airport. Both are NWS ASOS stations.

WEATHER CONFERENCE

Mark your calendars for August 16-17-18. Roger Brickner will be holding a conference at his Weather Museum. More information to follow.

Long time member **Clinton Bubb** of **Morganza** is leaving our membership. He is moving to New York. **Thanks Clinton** for your support and data over the years!

OBSERVER COMMENTS FOR FEBRUARY 2002

Gary Gallaher of Bear 2 SW, DE

Driest February on record. (35 years of record dating back to 1963.) The ground was quite dry at months end. If this was April it would be on the dry side for seeds to germinate. The ground permitted planting some early crops in the garden. This winter was the second warmest (39.0) behind 1997-98 (39.3), and also the second driest (5.07") behind 1980-81 (4.15").

4th—Mid afternoon snow squall which brought with it strong winds, and wet snow which lowered visibility to below 1/16 mile.

Al Kreinik of Parkton 5 SW

1st — Heavy fog visibility 1/16 mile at 6:30 AM. Rapid drop of temperature 1—2 PM.

7th — 6:45 AM light snow. 7:15—7:50 AM heavy snow with large flakes, melts rapidly. Total morning snowfall 1.0".

Marty Sharrow of Owings Mills

1st — Thunder 1350 hours, breezy, brief storm, clearing and colder.

4th — AM snow squall, partly sunny windy and colder.

19th — High cloudiness and sun, much milder.

24th — Chilly start, Azure blue skies and milder.

26th — Thunder 1930 hours.

Joe Manfre of Baltimore 2SE

4th —Brief light snow showers.

26th —Light rain showers. Thunder in late PM.

Herb Close of Manchester 1 S

Warmest winter in station history (13 years) 38.2 degrees. February was the third warmest. The average maximum temperature tied the 1990 for the warmest. It was a windy month with only two days with a peak wind gust under 20 MPH.

Ralph Hartsock of Westminster 4 SSE

4th — Snow shower and very windy Peak gust 48 MPH.

11th — Early showers, clearing, colder, very windy.

Bobby Miller of Millers 4 NE

Some Winter stats: Warmest (39.7, 6.7 degrees above average), driest (4.71", 5.37" below average), and least snowfall (8.1"). For February—second warmest, and driest. February was the driest month ever.

1st — Record high. Gusty SW winds in afternoon after zero visibility for in AM.

26th — Some evening showers. Distant thunder 7:30 PM.

Lynn Albright of Fallston 2 NW

8th — Heavy morning frost.

Rich Giannola of Laurel JHU/APL

4th — Heavy snow shower 1150—1230 hours.

13th — Right sundog at 7:50 AM.

25th — Many contrails in sky at 8 AM. Solar halo 1:55 PM.

Rich Giannola of Olney 1 S

1st — AM fog. Light rain with cold front passage mid afternoon.

10th — Morning fog and occasional drizzle. Light rain in the

PM which ended early in the morning of the 11th.

Rob Cohen of Potomac 4 N

4th— Heavy snow squall with thunder around noon.

7th — Rain, began briefly as snow and sleet.

26th — Thunder 7 PM.

Kevin Shaw of Gaithersburg 2 WNW

Another incredible warm and dry month, record breaking in so many ways. Driest February ever, warmest ever average maximum temperature. Cooler nights with the predominantly dry air kept the all-time mean record from being set.

Joe Terry of Forest Glen

Another relatively wary and very dry month. No maximum temperatures below 40 degrees. Unusually windy considering there was little storminess. Total precipitation for the past 5 months is 5.57".

4th — Brief but intense snow shower around noon. From sunny to heavy snow in 10 minutes points out its rapid speed. Snow duration was about 18 minutes, during which visibility was briefly reduced to 250 feet. Three loud rumbles of thunder were heard. The temperature dropped from 42 degrees to 32 degrees in 10 minutes, allowing the 0.7" of wet snow to accumulate.

24th — Minimum relative humidity only 16%.

Bill Hudelson of South Bowie

1st—Dense fog during night and early morning. Rain mid afternoon with frontal passage

8th — Heavy AM frost.

25th — Mostly overcast. Lunar halo at 2100 hours.

Floyd Abell of Hollywood

Driest February on record.

1st—79 degrees—Record high for the date.

4th—Afternoon snow shower

27th—Variable cloudy—few AM snow flurries.

John Zyla of Ridge

4th—Surprise heavy wet snowfall of 0.3" from noon to 1:30 PM, enough to cover the trees and make everything look white. It melted an hour later.

10th — Last rain of the month.

Greg Keefer of Hagerstown 1 E

8th —Cold start with heavy frost. Became bright sunny and warm with a high of 60.

14th—A rare cold morning. Low temp 13 this morning.

25th — Partly cloudy and very warm high of 62.

Jim Vaughn of Smithsburg 2 NE

Driest February and the lowest February snowfall in the quarter century that I have been keeping records. It was also the windiest month, average wise, and the sixth warmest February. It was the driest Winter (3.74"), second warmest (38.4), and second lowest snowfall (6.9").

Rob Rickell of Hanover 1 S, PA

4th—Snow showers.

7th—AM wet snow and sleet.

**ACON MD /DE / DC
FEBRUARY 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
<u>New Castle, Delaware</u>																									
Canavan, Jim	Wilmington 4 NNE	49.1	29.5	39.3	71	1	14	14	0	0	18				0.57	0.23	20	5	0	3.44	0.5	0.5	4	5.0	2400
Gallaher, Gary	Bear 2 SW	50.2	26.5	38.4	71	1	13	14	0	0	22	54	NW	1	0.33	0.16	10	4	0	3.15	0.8	0.8	4	5.0	2400
Wilmington NWS ASOS	NCC Airport	49.6	29.2	39.4	71	1	19	5	0	0	21	48	WNW	1	0.43	0.13	10	6	0	3.15	T	T	27+	2.4	2400
<u>Sussex, Delaware</u>																									
Georgetown NWS ASOS	Sussex Co. Airport	52.4	29.2	40.8	76	1	19	14	0	0	21	45	SW	1	0.89	0.57	7	4	0	3.44					2400
U of D Research & Ed Ct	Georgetown	52.1	27.8	40.0	75	1	16	14	0	0	21				0.73	0.49	7	4	0	3.00					2400
<u>Anne Arundel, Maryland</u>																									
Baltimore NWS ASOS	BWI Airport	51.1	27.4	39.3	75	1	17	14	0	0	22	49	WNW	1	0.36	0.13	7	6	0	2.55	T	T	27+	2.3	2400
Hanson, Dan	Millersville 1 SE	52.4	27.5	40.0	76	1	16	14	0	0	22	42	WNW	1	0.58	0.21	7	7	0	2.51	T	T	4	2.5	2400
Jug Bay Wetlands	Lothian	54.2	28.5	41.4	71	2	15	14	0	0	19				0.59	0.29	7	9	0	2.51					0900
Stoudt, Jeff	Laurel 2 E														0.52	0.22	7	6	0	2.47	0.1	0.1	4	2.6	2400
<u>Baltimore, Maryland</u>																									
Kreinik, Al	Parkton 5 SW	49.8	26.3	38.1	70	1	11	14	0	0	22	50	NNW	11	0.35	0.16	26	5	0	2.84	1.0	1.0	7	6.2	2200
Sharrow, Marty	Owings Mills 2 SE	48.4	27.1	37.8	67	1	15	14+	0	0	22	43	NW	11+	0.38	0.12	7	7	0	2.85	0.6	0.3	7+	6.7	2400
<u>Baltimore City, Maryland</u>																									
Manfre, Joe	Baltimore 2 SE	51.5	34.5	43.0	76	1	20	5	0	0	13				0.46	0.18	26	6	0	3.08	T	T	7+	2.8	1800
Maryland Science Ctr	Baltimore Inner Harbor	51.1	33.9	42.5	75	1	21	5	0	0	12				0.41	0.14	26	7	0	2.35					2400
<u>Carroll, Maryland</u>																									
Close Jr, Herb	Manchester 1 SW	48.7	27.6	38.2	67	1	13	5	0	0	22	48		1	0.31	0.12	1	5	0	2.57	0.8	0.8	7	8.9	2100
Hartsock, Ralph	Westminster 4 SSE	47.4	27.4	37.4	69	1	14	5	0	0	22	48	WNW	4	0.42	0.13	26	6	0	2.69	0.3	0.3	7	6.6	2200
Miller, Bobby	Millers 4 NE	49.7	29.3	39.5	68	1	15	14+	0	0	21	50	WSW	1	0.34	0.10	1	6	0	2.90	1.2	0.7	7	8.1	1800
<u>Charles, Maryland</u>																									
Brumback, Marty	Bryans Head 2 ESE	53.5	31.0	42.3	76	1	20	14	0	0	20				0.52	0.35	7	5	0	1.73M				3.7M	2400
<u>Garrett, Maryland</u>																									
Harvey, Rebecca	Eagle Rock	42.3	20.3	31.3	64	1	0	5	0	9	24				1.73	0.40	11	12	0	6.63	16.7	4.0	17	48.5	0800
<u>Harford, Maryland</u>																									
Albright, Lynn	Fallston 2 NW	49.9	25.2	37.6	68	1	12	14	0	0	22				0.45	0.12	20	5	0	3.32	T	T	17	5.8	2400
<u>Howard, Maryland</u>																									
Giannola, Rich	Laurel JHU / APL	50.1	28.5	39.3	73	1	16	5	0	0	22	45	WSW	4	0.44	0.16	7	7	0	2.66	0.5	0.5	4	4.0	2400
<u>Montgomery, Maryland</u>																									
Cohen, Rob	Potomac 4 N	52.9	29.6	41.3	74	1	18	14+	0	0	21				0.53	0.20	20	7	0	2.58	T	T	13+	2.7	2100
Giannola, Rich	Olney 1 S	50.9	27.7	39.3	72	1	17	5	0	0	22				0.38	0.16	7	5	0	2.24	0.5	0.5	4	4.0	2400
Rossen, Stan	Glenmont 1 NNE				75	1	17	14							0.40					2.13	1.0	1.0	4	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																		1.63M				3.0M	2400	
Shaw, Kevin	Gaithersburg 2 WNW	51.6	26.5	39.1	72	1	13	14	0	0	23				0.44	0.15	7	5	0	2.50	1.3	0.8	4	5.5	2400
Terry, Joe	Forest Glen	53.1	30.3	41.7	75	1	19	14+	0	0	20	39	NNW	1	0.39	0.18	7	6	0	2.05	0.9	0.7	4	4.1	2400
Wash Gas Light	Rockville 1 NE	50.8	29.8	40.3	73	1	16	14	0	0	19				0.36	0.17	7	4	0	1.78	0.2	0.2	7	2.6	2400
	<i>Prince Georges, Maryland</i>																								
Hudelson, Bill	South Bowie	51.1	28.9	40.0	76	1	19	14	0	0	21	42	NW	4	0.51	0.25	7	5	0	2.31	T	T	7	2.8	2400
	<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	53.3	30.1	41.7	79	1	20	14+	0	0	20	41		4	0.65	0.53	7	3	0	3.18	0.2	0.2	4	8.3	2400
Van Wie, Michael	Oraville	52.2	28.2	40.2	76	1	17	6	0	0	21	52		4	0.61	0.48	7	5	0	3.22	T	T	27+	8.0	2400
Zyla, John	Ridge	53.1	33.6	43.4	77	1	19	5	0	0	13	36	E+	4+	0.73	0.66	7	3	0	3.55	0.3	0.3	4	7.4	2400
	<i>Washington, Maryland</i>																								
Keefer, Greg	Hagerstown 1 E	49.9	27.5	38.7	65			13	0	0	22				0.20	0.09		4	0	2.52	T	T	27+	7.0	2400
Vaughn, Jim	Smithsburg 2 NE	48.1	28.6	38.4	61	26+	15	5	0	0	19	55	NW	1	0.24	0.09	10+	4	0	2.23	0.1	0.1	4	6.9	2000
	<i>Wicomico, Maryland</i>																								
Salisbury NWS ASOS	Wicomico Co. Apt	53.3	24.9	39.1	76	1	13	14	0	0	23	45	WNW	11	1.02	0.81	7	4	0	4.41	0.5	0.5	4	5.6	2400
	<i>York, Pennsylvania</i>																								
Rickell, Robert	Hanover 2 S, PA	47.5	23.3	35.4	63	20	10	14	0	1	24				0.42	0.17	20	5	0	2.78	1.1	0.8	4	9.6	2100
	<i>Arlington, Virginia</i>																								
Wash National NWS	National Airport	52.5	32.7	42.6	77	1	21	5	0	0	16	52	NNW	5	0.47	0.19	7	6	0	1.79	0.5	0.3	7	3.2	2400
	<i>Loudon, Virginia</i>																								
Wash Dulles NWS ASOS	Dulles Airport	51.6	26.1	38.9	75	1	14	14	0	0	23	46	NW	11	0.47	0.18	7	7	0	1.69	T	T	17+	2.6	2400
SECTION AVERAGE		50.7	28.4	39.6											0.52						0.9				

NOTES:

M = MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

PRELIMINARY DATA FOR GLENMONT1 NNE. COMPLETE DATA TO BE PUBLISHED LATER.

GARY GALLAHER 3/26/02

ACON MD / DE / DC
FEBRUARY 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	71	50	43	44	33	41	41	50	49	59	53	44	41	40	50	55	47	46	54	61	60	49	46	51	53	64	39	40				49.1	2400	
CANAVAN	42	27	22	24	15	22	34	28	27	35	27	26	32	14	26	39	35	26	21	36	47	44	27	25	27	33	32	33				29.5	EST	
BEAR 2 SW, DE	71	40	43	44	36	43	43	53	52	57	52	47	43	40	51	57	46	46	57	63	65	51	46	53	57	66	43	41				50.2	2400	
GALLAHER	40	24	22	22	19	21	31	27	25	37	22	19	21	13	21	35	31	25	17	35	44	34	26	26	24	28	28	26				26.5	EST	
WILMINGTON, DE	71	41	43	43	35	42	42	53	50	56	52	47	44	40	50	57	47	46	55	61	63	51	46	51	53	67	41	41				49.6	2400	
NWS N. CASTLE CO APT	40	27	28	23	19	26	32	28	28	38	24	24	24	21	27	37	30	28	22	38	47	35	28	25	28	37	27	26				29.2	EST	
GEORGETOWN, DE	76	43	46	47	35	45	41	52	49	66	58	52	46	44	54	59	48	47	57	68	64	56	46	49	60	69	50	41				52.4	2400	
NWS SUSSEX CO APT	43	26	24	27	21	21	31	30	32	34	24	20	28	19	25	39	33	26	21	43	42	31	27	29	25	43	29	25				29.2	EST	
GEORGETOWN, DE	75	43	45	46	35	46	41	52	48	67	57	52	46	44	53	59	48	46	58	66	64	56	46	50	59	68	49	41				52.1	2400	
U OF D RES & ED CTR	43	24	23	26	20	19	32	28	28	33	23	19	25	16	29	39	33	24	19	43	38	29	25	25	22	43	28	23				27.8	EST	
BALTIMORE	75	42	44	43	37	46	43	58	50	56	48	51	44	44	52	57	47	47	55	64	64	52	48	52	58	68	44	41				51.1	2400	
NWS BWI APT	40	26	24	23	19	20	29	26	28	34	24	20	27	17	25	40	31	25	20	41	41	36	25	20	25	31	26	25				27.4	EST	
MILLERSVILLE 1SE	76	44	46	45	38	48	43	60	52	55	51	53	46	43	54	60	48	49	56	64	66	54	49	53	57	70	45	43				52.4	2400	
HANSON	41	27	24	24	20	20	29	26	27	31	25	20	23	16	25	41	31	26	20	42	42	36	26	21	23	33	27	25				27.5	EST	
LOTHIAN	67	71	46	46	47	39	49	42	59	53	57	45	55	48	47	53	62	48	51	63	67	67	56	51	56	59	70	43				54.2	0900	
JUG BAY	46	31	22	24	20	20	36	23	22	26	39	20	32	15	25	38	36	27	18	38	44	31	24	20	23	39	34	26				28.5	EST	
LAUREL 2 E																																		
STOUDT																																		
PARKTON 5SW	70	43	41	44	36	45	40	57	52	52	50	46	42	43	50	55	45	45	60	62	62	50	46	55	57	66	41	40				49.8	2200	
KREINIK	40	25	20	21	16	17	27	26	29	35	26	18	26	11	30	37	31	24	17	38	44	37	23	18	23	30	24	22				26.3	EST	
OWINGS MILLS 2SE	67	39	43	38	34	42	40	55	50	50	48	47	43	43	50	52	42	44	57	61	60	50	45	53	59	64	42	38				48.4	2400	
SHARROW	37	27	23	24	15	20	29	28	30	32	27	19	27	15	25	40	33	23	19	38	45	35	25	22	25	32	24	21				27.1	EST	
BALTIMORE 2SE	76	43	46	44	39	46	43	58	49	52	49	50	47	44	52	57	49	47	55	61	64	54	47	54	57	69	46	43				51.5	1800	
MANFRE	46	34	32	26	20	30	33	36	39	39	32	29	33	28	30	45	35	29	32	45	47	48	32	33	37	40	29	27				34.5	EST	
BALT INNER HARBOR	75	42	45	46	38	47	43	58	50	55	50	51	46	41	52	57	50	48	53	63	64	52	47	49	53	68	46	41				51.1	2400	
MD SCIENCE CENTER	41	35	31	25	21	29	33	36	38	38	33	29	32	27	31	45	33	27	31	44	47	40	35	34	36	43	28	28				33.9	EST	
MANCHESTER 1SW	67	41	42	38	34	43	39	56	51	50	48	46	41	42	49	54	46	45	59	62	61	49	46	54	58	63	40	40				48.7	2100	
CLOSE	36	27	25	18	13	22	30	30	33	32	23	21	22	17	25	40	27	22	31	41	45	32	27	27	30	35	22	21				27.6	EST	
WESTMINSTER 4SSE	69	38	43	40	33	43	42	52	48	49	48	47	41	39	50	49	44	42	54	61	59	49	43	50	56	62	40	37				47.4	2200	
HARTSOCK	39	27	23	21	14	24	30	29	33	32	24	20	22	15	24	40	29	21	21	41	48	35	27	23	28	32	23	21				27.4	EST	
MILLERS 4NE	68	46	41	38	34	42	41	56	52	49	51	46	42	43	49	52	45	44	57	61	60	52	44	54	59	64	62	39				49.7	1800	
MILLER	43	28	23	25	15	21	31	31	32	31	32	21	30	15	27	39	35	24	23	40	46	39	30	25	29	35	27	22				29.3	EST	
BRYANS ROAD 2 ESE	76	46	45	45	40	46	43	60	55	49	49	57	48	48	54	62	50	50	59	66	66	55	51	58	60	70	45	45				53.5	2400	
BRUMBACK	43	28	27	25	21	21	32	30	35	34	27	24	30	20	32	44	32	27	22	51	44	36	28	27	29	45	28	26				31.0	EST	
EAGLE ROCK	64	60	32	38	26	18	32	42	49	59	50	30	42	22	42	50	44	28	40	54	59	42	30	34	58	62	59	18				42.3	0800	
HARVEY	42	20	16	20	0	2	20	30	28	28	20	18	22	10	20	20	10	12	38	38	24	18	19	18	40	8	8				20.3	EST		
FALLSTON 2 NW	68	40	46	46	36	47	41	56	50	55	49	49	42	42	52	56	45	45	57	61	64	52	46	53	55	65	39	41				49.9	2400	
ALBRIGHT	38	24	21	21	17	18	28	26	26	27	21	17	22	12	24	36	29	22	17	39	42	33	23	20	23	34	24	21				25.2	EST	
LAUREL JHU / APL	73	40	42	41	36	45	41	59	52	50	46	51	43	44	50	56	46	46	59	63	63	49	46	55	57	67	42	40				50.1	2400	
GIANNOLA	38	27	24	20	16	24	31	32	31	32	26	25	26	18	29	44	28	24	21	40	46	34	29	26	28	33	24	23				28.5	EST	
POTOMAC 4N	74	45	45	42	39	47	42	62	55	50	48	56	46	52	54	60	48	48	62	64	65	51	50	59	60	69	44	43				52.9	2100	
COHEN	44	30	25	25	18	28	30	27	30	35	30	21	30	18	30	44	32	25	22	42	44	38	28	22	27	34	27	24				29.6	EST	
OLNEY 1 S	72	41	44	41	37	46	41	58	51	50	47	52	46	44	52	>	57	46	59	63	63	50	48	55	59	68	42	41				50.9	2400	
GIANNOLA	38	27	24	21	17	24	30	28	32	32	24	22	24	17	30	>	30	23	22	44	45	36	24	23	28	36	25	22				27.7	EST	

ACON MD / DE / DC
FEBRUARY 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																																		2400 EST	
BETHESDA SCAFIDE																																			2400 EST
GAITHERSBURG 2WNW SHAW	72 40	44 28	43 21	44 21	38 15	45 23	41 30	63 26	55 27	48 35	48 24	53 19	43 23	47 13	52 26	59 40	45 28	48 23	59 17	63 43	64 43	50 32	50 24	58 19	60 24	68 30	42 26	44 21			51.6 26.5	2400 EST			
FOREST GLEN TERRY	75 39	46 29	44 27	44 23	40 19	47 27	43 31	61 29	55 33	50 36	48 27	53 25	47 28	47 19	54 31	60 44	48 30	50 25	60 24	65 45	68 46	54 36	51 28	59 27	61 31	69 39	44 26	44 24			53.1 30.3	2400 EST			
ROCKVILLE 1NE WASH GAS LIGHT	73 41	40 27	44 23	38 22	37 18	44 29	41 33	60 33	53 30	49 36	41 25	55 24	43 27	48 16	52 32	58 45	47 29	45 24	60 21	64 44	63 49	49 47	47 59	58 58	70 42	44 24	41 23					50.8 29.8	2400 EST		
SOUTH BOWIE HUDELSON	76 41	42 27	46 26	42 23	36 20	48 24	42 31	56 29	50 32	53 34	48 25	52 20	44 28	44 19	52 29	56 41	46 30	44 25	58 20	64 42	64 37	55 37	48 28	50 25	60 25	69 38	45 28	41 26					51.1 28.9	2400 EST	
HOLLYWOOD ABELL	79 43	45 26	46 25	48 25	40 20	46 20	41 33	51 29	57 35	61 33	52 25	56 21	47 31	45 20	52 31	62 44	48 32	48 26	59 23	66 47	67 41	57 32	48 28	51 26	59 29	69 45	47 28	43 24					53.3 30.1	2359 EST	
ORAVILLE VAN WIE	76 40	46 26	46 24	38 26	47 19	47 17	43 29	45 28	52 36	61 34	51 22	55 18	46 29	43 18	53 29	59 41	49 32	46 23	59 20	67 47	66 42	55 29	47 26	50 23	59 24	68 41	47 26	41 20					52.2 28.2	2400 EST	
RIDGE ZYLA	77 47	47 31	47 32	48 24	39 19	45 26	42 34	58 33	53 37	60 44	57 30	57 29	49 29	43 26	52 35	59 42	51 33	49 28	53 30	62 46	69 52	56 38	45 35	53 33	56 34	69 41	47 28	44 25					53.1 33.6	2400 EST	
HAGERSTOWN 1E KEEFER	64 36	41 26	43 24	39 20	37 17	45 26	47 28	60 26	55 27	47 37	46 25	55 22	41 22	45 13	53 31	55 39	43 27	46 21	58 17	62 43	60 48	48 37	48 24	54 27	62 27	65 30	39 25	39 24					49.9 27.5	2400 EST	
SMITHSBURG 2 NE VAUGHN	61 36	37 27	43 26	42 17	34 15	45 25	44 33	55 30	51 31	49 37	48 27	50 25	43 24	41 16	50 32	51 41	47 24	41 20	56 23	59 45	58 46	49 34	42 30	51 21	60 34	61 35	41 24	37 23					48.1 28.6	2000 EST	
SALISBURY NWS WICOMICO CO APT	76 44	44 21	47 20	49 26	35 20	47 15	40 28	52 26	51 24	66 30	57 19	53 14	51 24	46 13	54 20	60 32	50 34	47 19	59 14	66 44	67 39	58 26	46 24	52 24	59 17	69 34	50 28	41 17					53.3 24.9	2400 EST	
HANOVER 2 S, PA RICKELL	61 37	38 22	41 19	37 20	32 14	44 17	41 23	55 22	49 21	51 25	46 17	47 22	40 19	43 10	51 22	52 31	44 29	43 17	56 14	63 41	59 42	46 34	44 19	49 15	59 25	63 30	39 26	38 19					47.5 23.3	2100 EST	
WASH NATIONAL NWS ASOS	77 42	44 34	44 30	44 24	40 21	46 27	43 33	61 31	53 33	51 38	50 30	56 27	47 31	44 26	53 31	60 44	50 32	48 27	57 28	66 48	66 47	53 38	49 33	55 29	58 33	69 43	45 28	42 27					52.5 32.7	2400 EST	
WASH DULLES NWS ASOS	75 40	42 25	44 22	40 23	39 19	46 19	42 27	62 26	54 26	48 30	47 22	55 20	44 22	45 14	55 25	58 39	45 30	46 19	59 16	65 44	65 41	51 36	48 23	55 17	62 24	69 32	42 26	41 24					51.6 26.1	2400 EST	

ACON MD / DE / DC
FEBRUARY 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	0.07			0.03 0.5			0.02 T			0.22										0.23							T					0.57 0.5	2400 EST
BEAR 2 SW, DE GALLAHER	0.04			0.07 0.8			0.06			0.16										T	T					T	T					0.33 0.8	2400 EST
WILMINGTON, DE NWS ASOS	0.10			0.10 T			0.03 T			0.13	0.01						T T									T	T T					0.43 T	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	0.11			T			0.57			0.12	0.09															T						0.89	2400 EST
GEORGETOWN, DE U OF D RES & ED CTR	0.05						0.49			0.10	0.09																					0.73	2400 EST
BWI NWS ASOS	0.02			T T			0.13			0.03 T	0.01						T T									0.12	T T					0.36 T	2400 EST
MILLERSVILLE 1SE HANSON	0.10			0.01 T			0.21			0.02	0.02															0.21						0.58 T	2400 EST
LOTHIAN JUG BAY	0.02	0.09			0.09		0.29	0.02			0.01	T									0.01						0.05	0.01				0.59	0900 EST
LAUREL 2 E STOUDT	0.01			0.02 0.1			0.22			0.06	T										0.09	T					0.12					0.52 0.1	2400 EST
PARKTON 5SW KREINIK	0.04			T T			0.06 1.0			0.06							T T				0.03					0.16						0.35 1.0	2200 EST
OWINGS MILLS 2SE SHARROW	0.03			0.02 0.3			0.12 0.3			0.03	0.05						T T									0.10	T T					0.38 0.6	2400 EST
BALTIMORE 2SE MANFRE	0.04			T T			0.09 T			0.05											0.09	0.01					0.18					0.46 T	1800 EST
BALT INNER HARBOR MD SCIENCE CENTER	0.03						0.14			0.02	0.04										0.03	0.01				0.14						0.41 -	2400 EST
MANCHESTER 1SW CLOSE	0.12			T T			0.04 0.8			0.04	0.06						T T									0.05 T	T T					0.31 0.8	2100 EST
WESTMINSTER 4SSE HARTSOCK	0.10			T T			0.05 0.3			0.05	0.06										0.03					0.13						0.42 0.3	2200 EST
MILLERS 4NE MILLER	0.10			0.02 0.5			0.05 0.7			0.04	0.05						T T									T	0.08 T					0.34 1.2	1800 EST
BRYANS ROAD 2 ESE BRUMBACK	0.02			0.05			0.35			0.04																0.06						0.52	2400 EST
EAGLE ROCK HARVEY	T	0.02 T		0.01 0.3	0.18 3.0		0.22 2.0				0.40 1.5	0.03 0.5	0.00 T	T T			0.30 4.0	0.07 2.0			0.17	0.01 0.2	T T				0.22 0.2	0.10 3.0				1.73 16.7	800 EST
FALLSTON 2 NW ALBRIGHT	0.10			T			0.04			0.09							T T									T	0.10					0.45 T	2400 EST
LAUREL JHU / APL GIANNOLA	0.02			T 0.5			0.16 T			0.07	0.05										0.03	0.01				0.10						0.44 0.5	2400 EST
POTOMAC 4N COHEN	0.01			0.06			0.20 T			0.11	0.03		T T													0.10						0.53 T	2100 EST
OLNEY 1 S GIANNOLA	T			0.02 0.5			0.16 T			>	0.08										0.02					0.10						0.38 0.5	2400 EST

ACON MD / DE / DC
FEBRUARY 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			
GLENMONT 1NNE ROSSEN																																	2400 EST			
BETHESDA SCAFIDE																																		2359 EST		
GAITHERSBURG 2WNW SHAW	T			0.02 0.8			0.15 0.5			0.07	0.10					T	T T				T						0.10						0.44 1.3	2400 EST		
FOREST GLEN TERRY	T			0.05 0.7			0.18 0.2			0.03	0.02		T								0.01						0.10						0.39 0.9	2400 EST		
ROCKVILLE 1NE WASH GAS LIGHT	0.02			T T			0.17 0.2			0.07	T										T						0.10						0.36 0.2	2400 EST		
SOUTH BOWIE HUDELSON				0.04			0.25 T			0.04	0.04																0.14							0.51 T	2400 EST	
HOLLYWOOD ABELL	T			0.02 0.2			0.53			0.10							T T				T								T T					0.65 0.2	2359 EST	
ORAVILLE VAN WIE	T			0.02 T			0.48			0.09	0.01										0.01								T T					0.61 T	2400 EST	
RIDGE ZYLA				0.01 0.3			0.66			0.06																									0.73 0.3	2400 EST
HAGERSTOWN 1E KEEFER	0.06			T T			T			0.09	0.04		T T								T						0.01	T T						0.20 T	2400 EST	
SMITHSBURG 2 NE VAUGHN	0.09			0.01 0.1			T T			0.09	0.05										T						T							0.24 0.1	2000 EST	
SALISBURY NWS WICOMICO CO APT				0.05 0.5			0.81			0.11	T																	0.05							1.02 0.5	2400 EST
HANOVER 2 S, PA RICKELL				0.04 0.8			0.03 0.3			0.13			T T								0.17						0.05								0.42 1.1	2100 EST
WASH NATIONAL NWS ASOS	0.05			0.07 0.2			0.19 0.3			0.02	0.02										T	T					0.12								0.47 0.5	2400 EST
WASH DULLES NWS ASOS	T			0.02 T			0.18 T			0.08	0.02										0.04	0.01					0.12								0.47 T	2400 EST