



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

WINTER FINALLY ARRIVES ON THE 15th

By looking at the average temperature you would never know that a dramatic change in the weather occurred mid-month. Overall temperatures and precipitation averaged slightly above normal. Snowfall was above normal but there were no major storms this month. Snowfall totals were fairly uniform. The only stations which reported more than 10 inches were located in Northern Delaware, and portions of Anne Arundel, Baltimore, Carroll, Harford, and Howard counties in Maryland.

January began on a very warm note. Temperatures in the 60's covered all of the region except for St Marys County where **Floyd Abell** of **Hollywood** and **John Zyla** of **Ridge** each recorded 70 degrees and Western Maryland where temperatures were in the mid to upper 50's. Record maximum temperatures for New Years Day were set by all three Baltimore - Washington metropolitan area NWS sites. **Greg Keefer** of **Hagerstown 1E**, whose records go back over a hundred years, also set a record maximum temperature. Minimum temperatures remained above freezing until the 10th at many stations.

The warmth brought with it damp, cloudy conditions. Rain fell on at least 8 of the first 13 days. The wettest day was the 5th. Northern regions of Delaware and Maryland recorded over a half an inch of rainfall while amounts in the Western Maryland mountains were over an inch.

A strong cold front moved across the region early on the 14th bringing an end to the warmth which the region enjoyed for the since December 29th. Unseasonably warm air was drawn up ahead of the front. 60 degree plus temperatures covered the region on the 13th and early morning hours of the 14th. Temperatures rose to 70 degrees as far north as northern Delaware. Rains of 1" to over 2" resulted in widespread flooding of low spots

and flood-prone places in the DC metro area. A wind gust of 59 MPH was reported by Jim Vaughn of Smithsburg 2 NE. Rain-fall amounts of over 2 inches fell in portions of Carroll, Baltimore, Harford, and Montgomery counties and Baltimore City. **Rob Cohen** of **Potomac 4 N** measured 2.30", while **Lynn Albright** of **Fallston 2 NW 2.27"** and **Rich Giannola** of **Olney 1 S 2.17"**. **Stan Rossen** of **Glenmont 1 NNE** and **Kevin Shaw** of **Gaithersburg 2 WNW** each recorded 2.12". Kevin's amount was a January station record maximum for the month of January.

Washington National NWS observed its first sub freezing temperature for January on the 15th. This broke the record for the latest sub freezing temperature set in 1890 for the month of January.

The only sub zero temperatures on the month occurred at **Eagle Rock** on the 18th, 24th, 25th, and 28th, **Frostburg** on the 28th and 29th, and at **Fallston** on the 24th.

Greg Keefer of **Hagerstown 1 E** observed his first measurable snow of season on the 16th. This was nine days shy of the record latest snowfall set on Jan 25th 1901.

Snow fell on eight of the last sixteen days across most of the region. Amounts of over an inch fell on the 19th, 22nd, and 30th. Northern Delaware first 1 inch of the season fell on the 19th. The snow, which fell briefly and heavily around noon, iced Northern Delaware's highways before the highway department salted the roads. **Gary Gallaher** of **Bear 2 SW** observed 12 accidents on a 14 mile stretch of I-95 between Newark and Wilmington between 1 and 2 PM.

The heaviest snowstorm of the month occurred on the 22nd. Amounts were generally in the 3 to 5 inch range. Northern Delaware received the heaviest amounts. **Jim Canavan** of **Wilmington 4**

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Hollywood	75
Jug Bay Wetlands	73
Ridge	73

MINIMUM TEMPERATURE

Davis 3 SE WV	-6
Eagle Rock	-6
Frostburg	-1
Fallston 2 NW	-1

WARMEST AVG. TEMP.

Hollywood	37.4
Ridge	37.2

COLDEST AVG. TEMP.

Davis 3 SE WV	27.3
Frostburg	27.5
Eagle Rock	27.6

MAXIMUM PRECIPITATION

Davis 3 SE WV	5.69
Eagle Rock	5.60
Frostburg	4.87

MINIMUM PRECIPITATION

Smithsburg 1.5 SW	3.30
Hagerstown 1 E	3.30
UofD Georgetown DE	3.32

MAXIMUM SNOWFALL

Davis 3 SE WV	24.0
Wilmington 4 NNE DE	12.5
Fallston 2 NW	12.3

NNE measured 10" on the 22nd & 23rd.

The last snow occurred on the 29th and 30th. Amounts were the heaviest in the eastern portion of the region where 1 to 3 inches fell. Many observers reported that the snow was mixed with or changed to sleet and freezing rain. Mostly rain fell along the coast.

OBSERVER COMMENTS FOR JANUARY 2005

Gary Gallaher of Bear 2 SW, DE

6th - Dense evening fog

27th - 19 degree daytime maximum.

Greg Latta of Frostburg

6th - Fog visibility less than 1/2 mile.

Nate Mullins of LaVale

6th - Low clouds/fog below mountain tops. Occasional light rain .20" fell. Some partial clearing late with light north winds.

Jeff Stoudt of Laurel 2 E

12th - Dense fog and drizzle and a shower.

30th - FZ rain till dawn then snow into afternoon.

Al Kreinik of Parkton 5 SW

14th - Rain, moderate to heavy at times. Shelter in water.

19th - Blowing snow.

22nd - Heavy snow, visibility 1/10th mile.

Marty Sharrow of Owings Mills

14th - Heavy early day rain. Thunder @ 0330.

15th - Lots of high clouds (overcast) and colder.

24th - Frigid start, inc clouds, snow shower late.

Joe Manfre of Baltimore 2SE

13th - AM dense fog.

Herb Close of Manchester 1 SW

Five days with 6 degree temperatures.

Ralph Hartsock of Westminster 4 SSE

2nd - Cloudy and colder.

6th - Cold with drizzle.

19th - Snow, moderate to heavy briefly.

27th - Maximum temperature at 7PM 1/26.

Bobby Miller of Millers 4 NE

First two weeks temperature averaged 12.7 degrees above normal. The rest of the month the temperature averaged 8.9 degrees below average.

22nd - Heavy snow reduced visibility to zero to 1/16th mile between 1:05PM to 1:20PM. 2.8" of snow fell in one hour and 4.0" fell in two hours.

Manuel Farfan of Frederick 4 N

7th - Cloudy with an evening period of sleet which changed to rain.

13th - Warm day with very dense fog this morning.

Rebecca Harvey of Eagle Rock

30th & 31st - Snow depth 9", greatest on the month.

Lynn Albright of Fallston 2 NW

30th - Sleet and freezing rain ended by 2 PM.

Rich Giannola of JHU/APL

13th - Morning FG/-DZ. FG dissipating by noon, reforming in late afternoon.

17th - SN in early morning. Virga at 5:15PM

Rob Cohen of Potomac 4 N

14th - 64 degrees at 3:00am.

27th - Afternoon maximum temperature 26 degrees.

Rich Giannola of Olney 1 S

22nd - +snow late afternoon.

Kevin Shaw of Gaithersburg 2 WNW

14th - 2.12" - new January monthly record. Old record 1.70" set on 1/2/1979.

Joe Terry of Forest Glen

13th - Temperature and dew point 64 @ midnight.

29th - Snow changed to a mix of sleet & freezing rain.

Brian Smith of Oxon Hill

SN in early morning. Virga at 5:15PM

14th - +SHRA 0430-0530 otherwise -RA 0000-1000. Widespread flooding of low spots and flood-prone places in DC metro area.

Floyd Abell of Hollywood

5th - Rain before dawn then fog and drizzle.

10th - Thunder before dawn.

29th & 30th - Light snow and freezing rain.

John Zyla of Ridge

15th to 25th - 11 consecutive days minimum temperature below freezing.

Max Hutto of Smithsburg 1.5 SW

13th - AM haze, warmer overnight, windy, very warm PM, rain late.

23rd - Very cold, very windy, partly sunny.

Greg Keefer of Hagerstown 1 E

1st - Record high. Old record 64 set in 1985

10th - First sub freezing temp this month - unheard of!

16th - First measurable snow of season. We were closing in on the record for the latest into the season with no snow which was Jan 25th 1901 but this snowfall stopped the record cold.

22nd - Snow and cold today. Snow fell 7:30am thru 3:30pm.

Snow was briefly heavy at times and wind gusts to 25 mph reduced visibility greatly.

Jim Vaughn of Smithsburg 2 NE

13th - Record max maximum and minimum temps for date.

16th - First measurable snow of season - new record.

Lance Shaffer of Sterling 4 N VA

14th - Big rain overnight Thunder at 0700

Dave Leshner of Davis 3 SE WV

Despite a substantial snow cover for the last two weeks, total snowfall for the winter so far continues to be below normal. As of the end of January, the deficit has grown to 24 inches. Last year at this time, 119 inches had fallen, compared to only 54 inches so far this season. Total normal snowfall is 144 inches.

3rd - Mild with rain and dense fog all day. Sixth dreary day in a row without sun.

9th - The first sunny day of 2005! Pleasant temps and no wind.

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

ACON MD / DE / DC
JANUARY 2005 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	61	60	57	53	48	39	41	44	41	49	41	42	55	62	32	33	28	17	22	31	19	19	21	23	35	39	18	24	32	34	36	37.3	2400	
CANAVAN	39	32	39	48	38	34	34	34	35	34	31	38	43	50	24	23	16	10	8	20	12	3	4	2	13	28	7	2	7	24	21	24.3	EST	
BEAR 2 SW, DE	65	45	58	58	46	43	44	47	40	52	41	47	70	69	36	35	28	19	25	33	22	21	21	25	36	41	27	26	31	35	37	39.5	2400	
GALLAHER	33	33	38	46	36	36	34	37	33	34	30	40	45	36	28	26	17	10	9	17	9	7	11	5	16	27	9	4	3	23	17	24.2	EST	
WILMINGTON , DE	65	45	56	57	46	42	43	48	40	53	41	46	69	69	35	35	28	19	24	32	23	21	21	24	33	39	24	26	30	35	36	38.9	2400	
NWS NEW CASTLE CO APT	38	33	38	45	36	36	36	37	35	34	31	40	44	34	27	26	16	11	10	21	9	7	10	5	16	25	10	1	6	24	21	24.6	EST	
U of D DE Climatologist																																		2400
Newark U of D Farm																																		EST
GEORGETOWN, DE	67	50	66	69	46	59	49	55	41	53	48	61	73	67	37	36	30	21	27	35	29	32	27	26	35	41	31	25	34	32	35	43.1	2400	
NWS SUSSEX CO APT	40	37	40	43	40	44	39	39	29	31	32	38	40	37	29	30	18	12	11	24	13	9	13	10	18	31	15	7	11	28	24	26.8	EST	
GEORGETOWN, DE	66	51	65	69	46	59	48	55	41	52	48	63	72	69	37	36	30	21	27	35	28	31	26	27	34	40	31	24	35	32	34	43.0	2400	
UofD RESEARCH & ED CTR	40	37	42	45	40	44	37	39	29	32	34	39	42	37	28	29	18	10	10	23	12	8	14	9	21	31	13	7	11	27	23	26.8	EST	
HARBESON 8 S, DE	66	49	66	67	45	61	49	55	40	52	47	60	70	67	37	36	29	20	26	34	29	32	26	26	35	40	30	23	35	32	34	42.6	2400	
UofD WARRINGTON FARM	39	39	40	43	39	43	35	38	28	30	31	39	40	37	28	29	17	11	9	24	10	6	12	7	19	30	15	8	10	27	26	26.1	EST	
FROSTBURG	59	56	52	56	54	40	50	36	47	41	44	38	50	62	32	29	26	7	12	26	25	19	25	9	21	41	40	17	22	30	34	35.5	0700	
LATTA	39	36	34	51	40	32	28	28	32	26	32	34	37	32	18	17	6	0	0	10	11	7	0	0	5	20	5	-1	-1	9	13	19.4	EST	
LAVALE	68	52	54	61	52	42	40	45	44	50	42	52	57	42	36	34	16	21	23	32	26	26	18	24	36	43	24	33	33	38	38	38.8	2400	
MULLINS	43	36	41	48	37	36	35	37	32	28	36	39	42	26	25	16	14	7	14	26	19	13	8	4	22	24	12	7	12	26	16	25.2	EST	
ST MARGARETS	65				45				45				62		36				24	36		23			45	23	23					40.4	2400	
BRYANT				47		35							49					13						7		30		9					26.7	EST
MILLERSVILLE 1SE	68	46	63	63	49	43	47	51	42	55	46	49	68	61	36	37	29	24	26	36	29	21	23	28	38	48	30	28	36	36	39	41.7	2400	
HANSON	38	36	39	49	39	38	36	39	30	29	34	41	43	35	27	26	17	12	11	24	12	9	15	1	18	30	15	8	8	23	19	25.7	EST	
LOTHIAN	62	69	46	70	69	47	46	50	51	43	55	59	54	73	48	38	39	28	26	34	40	31	24	24	30	41	48	28	31	38	36	44.5	0900	
JUG BAY	35	38	35	41	46	38	37	38	28	28	33	35	41	47	25	25	23	13	9	20	21	6	14	3	9	26	16	5	7	16	10	24.8	EST	
BALTIMORE	67	47	65	64	48	43	48	52	41	54	45	47	70	66	35	37	28	23	26	34	29	21	22	26	35	47	29	29	35	36	39	41.5	2400	
NWS BWI APT	40	37	38	48	38	37	37	38	31	28	34	41	43	35	28	28	16	12	12	22	15	13	14	9	18	29	15	10	10	28	20	26.6	EST	
LAUREL 2 E	67	45	64	64	48	42	46	49	40	52	44	47	69	66	35	34	27	22	25	34	29	20	20	25	36	46	30	29	37	34	38	40.8	2400	
STOUDT	42	34	37	48	37	36	36	36	30	27	33	39	44	32	26	24	15	12	14	24	10	9	11	7	21	26	14	8	9	25	20	25.4	EST	
PARKTON 5SW	65	42	59	60	48	41	43	51	40	53	39	46	60	60	34	35	27	20	20	34	26	18	19	22	37	45	30	28	33	34	38	38.9	2200	
KREINIK	39	32	41	48	37	35	34	35	31	32	33	39	45	34	24	22	15	10	7	16	6	2	11	7	19	28	9	5	6	27	19	24.1	EST	
OWINGS MILLS 2SE	61	46	63	57	47	43	44	51	40	53	44	46	59	60	34	35	25	18	21	32	27	18	19	24	34	45	25	24	33	34	37	38.7	2400	
SHARROW	41	32	39	46	35	34	36	35	33	34	35	38	43	32	24	22	13	11	11	20	9	5	11	4	21	25	10	5	8	28	21	24.5	EST	
BALTIMORE 2SE	69	48	61	65	48	43	50	53	43	56	46	48	68	62	37	37	31	23	23	35	30	21	22	30	42	52	33	42	36	37	40	42.9	1800	
MANFRE	41	38	42	54	41	36	37	38	37	38	40	41	44	43	30	28	16	13	17	27	18	13	14	13	26	34	17	14	12	27	26	29.5	EST	
BALT INNER HARBOR	66	48	58	63	48	46	47	53	43	54	45	47	64	61	37	37	30	22	27	34	30	23	23	30	43	54	33	40	35	36	39	42.5	2400	
MD SCIENCE CENTER	41	39	41	48	38	37	40	38	38	36	41	42	45	37	30	29	17	15	17	27	16	13	15	12	26	32	17	13	10	28	27	29.2	EST	
MANCHESTER 1SW	64	46	60	60	45	39	41	49	37	51	39	44	63	62	32	32	25	19	22	32	25	17	20	20	33	47	23	26	31	35	37	37.9	2300	
CLOSE	46	34	41	44	35	33	33	33	32	31	35	37	44	30	22	22	11	8	8	21	9	6	8	4	20	22	7	3	13	25	21	23.8	EST	
WESTMINSTER 4 SSE	60	45	61	60	46	40	42	48	40	48	42	45	64	61	34	34	27	18	21	33	27	17	18	25	34	46	27	22	32	36	34	38.3	1900	
HARTSOCK	45	34	40	45	35	35	34	34	33	30	32	38	43	34	23	23	14	8	8	20	11	4	10	6	19	27	9	3	7	25	19	24.1	EST	
WESTMINSTER 5 SSE	59	45	59	58	44	38	40	46	39	46	39	44	60	60	30	33	24	16	18	28	22	16	16	23	32	43	24	21	29	33	31	36.0	2200	
KLEIN	43	32	39	43	34	33	32	33	31	29	33	37	42	29	21	20	11	7	7	18	5	4	8	4	19	24	7	1	9	24	18	22.5	EST	
MILLERS 4NE	64	52	60	60	46	40	42	49	41	51	41	45	61	63	35	35	29	19	19	33	26	18	19	20	33	45	34	26	33	35	38	39.1	1800	
MILLER	42	30	39	45	36	34	34	33	32	32	33	36	43	35	23	21	14	8	6	19	11	1	9	5	18	26	7	3	5	26	20	23.4	EST	
FREDERICK 4 N	64	43	60	63	46	47	47	51	41	54	42	44	69	65	33	33	28	21	26	34	27	19	23	27	36	47	28	23	34	37	35	40.2	2400	
FARFAN	41	38	40	46	38	37	37	37	31	30	37	39	43	32	25	25	15	12	12	26	11	9	12	10	26	26	12	5	7	24	15	25.7	EST	
EAGLE ROCK	58	54	52	51	54	48	48	62	50	46	40	54	64	66	30	32	24	8	20	26	22	22	25	6	20	40	40	18	24	22	30	37.3	0800	
HARVEY	40	32	34	50	40	32	26	24	30	28	30	32	48	28	16	14	0	-6	6	14	2	6	-4	-6	0	16	0	-4	2	14	10	17.9	EST	
FALLSTON 2 NW	65	44	64	59	45	43	46	50	42	55	44	47	65	61	34	36	26	20	24	37	23	19	22	30	40	48	46	22	30	35	39	40.7	2400	
ALBRIGHT	37	29	37	45	35	32	34	36	33	29	32	40	45	28	23	23	12	8	8	17	1													

**ACON MD / DE / DC
JANUARY 2005 DAILY TEMPERATURES**

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVG	OBS TIME	
LAUREL JHU / APL	65	48	66	64	48	43	45	50	40	53	45	47	69	65	36	36	28	20	25	35	28	20	20	25	36	49	26	30	35	34	40	41.0	2400	
GIANNOLA	47	38	42	48	37	36	39	37	34	33	37	41	45	33	27	26	14	12	14	25	10	9	10	9	24	26	12	7	10	27	22	26.8	EST	
POTOMAC 4N	66	47	66	62	50	42	46	50	42	53	46	49	66	64	37	37	28	24	24	36	29	22	22	26	37	48	36	29	36	36	40	41.8	2100	
COHEN	37	39	42	50	38	37	37	41	34	32	37	42	46	36	27	28	16	12	13	25	15	11	14	10	23	29	16	10	12	26	19	27.5	EST	
OLNEY 1 S	65	46	65	62	49	42	45	50	41	52	44	48	66	63	34	36	29	22	23	35	26	19	20	25	36	46	29	26	35	34	37	40.3	2400	
GIANNOLA	39	37	42	49	37	36	37	35	33	32	37	41	45	32	24	24	15	11	12	23	10	8	11	8	22	28	13	6	11	23	18	25.8	EST	
MONTGOMERY VILLAGE	65	47	66	63	50	42	45	51	42	53	46	50	68	64	35	37	31	22	26	35	29	22	21	27	36	49	29	27	35	35	38	41.5	2400	
ROTH 1SW	39	38	42	50	40	37	38	35	35	34	37	42	46	34	27	26	15	12	13	24	11	10	11	10	23	29	14	9	12	28	20	27.1	EST	
GLENMONT 1NNE	68	47	66	64	49	44	46	51	41	54	46	49	68	65	36	37	30	23	25	36	29	21	23	27	37	49	28	30	38	35	43	42.1	2400	
ROSSEN	34	38	42	49	38	37	37	35	32	30	35	42	46	34	26	27	15	13	15	25	10	8	12	7	24	28	14	9	10	22	16	26.1	EST	
BETHESDA																																		2400
SCAFIDE																																		EST
GAITHERSBURG 2WNW	66	44	64	62	49	41	44	50	41	53	45	50	67	64	35	35	29	23	24	36	27	21	21	25	37	48	27	30	34	36	41	40.9	2400	
SHAW	37	36	40	48	39	36	34	34	32	30	35	41	45	30	23	27	13	9	11	24	9	8	11	6	25	26	13	6	8	24	17	25.1	EST	
FOREST GLEN	69	50	67	68	49	44	49	51	42	56	47	49	68	65	37	38	30	27	26	39	30	21	25	27	39	51	30	31	38	38	43	43.4	2400	
TERRY	38	39	44	49	38	37	38	35	34	35	38	42	46	34	27	27	16	13	15	26	14	13	12	10	24	29	15	10	14	26	20	27.7	EST	
OXON HILL	69	47	64	70	50	46	47	53	44	56	59	55	72	68	37	38	31	24	26	39	31	23	23	28	40	48	32	29	37	35	40	43.9	2000	
SMITH	40	40	41	48	39	38	40	40	34	32	39	41	43	35	30	29	17	14	14	25	16	13	13	12	25	31	16	11	14	28	24	28.5	EST	
HOLLYWOOD	70	48	70	75	47	54	50	52	45	57	50	63	75	70	38	37	37	25	25	41	32	29	25	30	39	50	35	29	36	33	37	45.3	2359	
ABELL	43	41	39	47	42	41	40	40	32	34	37	40	56	38	31	31	18	13	13	25	15	15	15	12	24	33	19	13	11	27	25	29.4	EST	
RIDGE	70	50	70	73	47	61	47	57	44	53	49	60	69	69	38	37	31	26	26	37	27	32	23	29	39	44	34	26	33	33	35	44.2	2400	
ZYLA	48	40	50	46	42	46	40	40	35	38	35	43	43	38	27	31	18	15	17	27	18	18	15	12	26	34	15	15	16	23	26	30.2	EST	
SMITHSBURG 1.5 SW	64	45	59	62	46	44	45	51	40	53	45	46	68	65	32	35	26	19	28	32	26	22	19	25	34	47	27	25	34	38	38	39.9	2400	
HUTTO	37	39	39	46	38	36	36	36	36	28	34	39	42	29	23	23	13	9	9	26	11	11	10	5	25	27	8	5	8	20	16	24.5	EST	
HAGERSTOWN 1E	65	44	56	62	46	44	44	50	39	53	44	46	68	63	32	34	26	20	26	33	26	22	20	26	34	48	27	26	32	38	38	39.7	2400	
KEEFER	38	36	40	46	37	36	35	39	35	28	35	38	42	30	23	24	13	10	12	26	11	10	10	0	26	27	10	7	9	19	17	24.8	EST	
SMITHSBURG 2 NE	66	50	62	64	46	41	43	50	39	52	44	49	67	66	33	32	25	16	27	32	24	20	16	24	35	49	26	30	33	41	37	40.0	2000	
VAUGHN	49	39	43	45	37	37	34	36	35	30	35	38	40	30	22	22	9	7	13	24	12	8	5	4	23	26	7	3	9	20	15	24.4	EST	
SALISBURY	68	52	66	70	47	63	54	57	42	54	49	63	73	66	37	37	30	22	27	36	29	32	27	28	35	41	34	26	37	33	34	44.2	2400	
NWS WICOMICO CO APT	34	38	37	45	41	45	38	36	27	28	29	35	49	37	28	28	18	9	8	19	11	8	13	7	19	32	14	8	11	28	24	25.9	EST	
WASH NATIONAL	69	47	64	67	49	46	48	54	43	56	48	53	71	65	37	38	30	24	26	37	30	23	23	29	37	48	31	28	36	35	38	42.9	2400	
NWS ASOS	38	39	42	48	40	38	41	38	35	35	41	42	44	35	30	29	17	14	17	26	17	16	14	12	26	31	17	12	18	28	25	29.2	EST	
WASH DULLES	68	50	65	69	49	44	46	53	42	56	48	51	69	67	36	36	29	23	25	37	29	23	22	28	37	49	31	28	36	36	39	42.6	2400	
NWS ASOS	34	41	42	48	39	39	39	39	33	30	35	37	43	33	28	26	15	11	12	25	14	12	13	7	28	30	16	11	9	27	17	26.9	EST	
STERLING 4 N	68	48	65	69	50	44	47	53	43	56	49	50	70	66	40	39	31	26	26	37	30	24	24	24	38	51	30	30	35	36	41	43.2	2400	
SHAFFER	37	39	42	50	39	39	38	40	36	33	38	41	43	36	30	28	16	13	15	25	18	15	12	10	28	29	16	12	13	28	19	28.3	EST	
DAVIS 3 SE WV	52	47	53	51	51	52	51	49	48	44	42	51	57	59	27	28	31	2	14	22	18	18	27	2	16	33	33	13	25	34	30	34.8	0700	
LESHER	39	39	44	49	49	49	24	24	26	26	31	41	47	27	16	16	0	-6	-6	13	8	5	-6	-6	-2	16	4	-2	7	25	14	19.7	EST	

ACON MD / DE / DC
JANUARY 2005 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			0.02	0.03	0.50	0.37	0.10	0.36			0.31	T		1.75			T		0.10			0.80	0.20	0.10		T			T	0.15	4.79	2400		
																			1.0			8.0	2.0						T	1.5	12.5	EST		
BEAR 2 SW, DE GALLAHER			0.03	T	0.56	0.06	T	0.21			0.05		0.11	1.43		T	T		0.07			0.79		0.06		T			0.03	0.25	3.65	2400		
											T		T	T		T	T		1.3			7.8		0.8					0.3	2.0	12.2	EST		
WILMINGTON, DE NWS NEW CASTLE CO APT		0.03	0.04	T	0.62	0.07	T	0.20			0.09		0.08	1.49		T	T		0.07			0.79	0.05	0.03		T			0.03	0.25	3.84	2400		
											T		T	T		T	T		1.3			7.8		0.8					0.3	2.0	12.2	EST		
U of D DE Climatologist Newark U of D Farm																																2400		
																																	EST	
GEORGETOWN, DE NWS SUSSEX CO APT			T	T	0.07			0.61			0.02	0.02		1.30			T		0.03			0.92	T	0.01		0.03			0.03	0.55	3.59	2400		
																															-		EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR					0.06	0.02		0.63			0.01	0.01		1.32						0.03		0.20		0.5	0.08	0.31				0.57	0.08	3.32	2400	
																			1.5			4.0		0.5					0.2	6.2		EST		
HARBESON 8 S, DE UofD WARRINGTON FARM					0.07	0.02		0.58			0.04	0.02		1.17						0.01		0.63		0.09	0.21				0.58	0.09	3.54	2400		
																			1.5			4.0		0.5					0.2	6.2		EST		
FROSTBURG LATTA	T	0.04	0.04	0.19	0.79	0.93	0.21	0.41	0.11			1.12	0.01	0.18	T		0.04	0.01	T	0.10		0.01	0.59	T	T				0.09		4.87	0700		
															T		0.9	0.2	T	0.8		0.3	4.6	T	T				1.1	7.9		EST		
LAVALE MULLINS		0.02	0.08	0.04	1.25	0.20	0.28	0.40			1.00	0.04	0.04	0.23		0.03	T		0.03	T		0.46	T						0.07	0.03	4.20	2400		
															0.3	T			0.5	T		4.0	T						0.7	0.3	5.8		EST	
ST MARGARETS BRYANT					0.28	0.09		0.12				0.17		1.93		T						0.31							0.04	0.07	3.15	2400		
																						4.5							0.7	2.1	9.8		EST	
MILLERSVILLE 1SE HANSON			0.02		0.43	0.05		0.21			0.10		0.11	1.92	0.13						0.10	0.35							0.12	0.02	3.56	2400		
																						4.8									7.3		EST	
LOTHIAN JUG BAY	T			0.01	0.15	0.07		0.17	0.01	0.01		0.12	0.01	1.98	0.13						0.09	T	0.42				0.04		0.42	3.63	0900			
																					0.9		4.0						1.4	6.3		EST		
BWI NWS ASOS			0.01	0.01	0.42	T	T	0.29			T	T	0.22	1.94		T	T		0.08	T		0.40	T	T					0.08	0.30	3.75	2400		
															0.1	T			1.1	T		4.5	T	T					0.3	1.6	7.6		EST	
LAUREL 2 E STOUDT			0.01	0.02	0.46	0.04	0.01	0.29				0.03	0.19	1.86		T	T		0.14			0.50	T	0.02		T			0.10	0.35	4.02	2400		
															T	T			2.5			4.6	T	0.2					0.8	2.4	10.5		EST	
PARKTON 5SW KREINIK			T	T	0.51	0.15		0.24			0.04	0.02	0.01	2.09			0.02		0.08	0.01		0.51	0.01	T			T		0.15	3.84	2200			
																	1.2		1.6	0.1		5.6	0.3	T			T		1.0	9.8		EST		
OWINGS MILLS 2SE SHARROW		T	T	T	0.43	0.05	T	0.40			T	T	0.40	1.94		0.01	0.03		0.09	0.01		0.54	T	0.01					0.06	0.34	4.31	2400		
																0.1	0.3		1.5	0.1		6.0	T	0.2					0.5	2.3	11.0		EST	
BALTIMORE 2SE MANFRE			0.01	0.05	0.35	0.06	T	0.29					0.16	1.90		0.01	T		0.07			0.34	T	0.01					0.06	0.21	3.52	1800		
																			2.0			5.5		0.5					T	1.5	9.5		EST	
BALT INNER HARBOR MD SCIENCE CENTER			0.01	0.04	0.34	0.02		0.27			0.01		0.19	2.15		0.01	0.01		0.11	0.01		0.54	0.01	0.03					0.09	0.28	4.12	2400		
																															-			EST
MANCHESTER 1SW CLOSE			0.01	0.02	0.57	0.06	0.04	0.27			0.06	0.01	0.06	2.07		0.01	0.01		0.07	T		0.57	T	T		T			0.03	0.13	3.99	2300		
																0.2	0.6		1.8	0.2		6.5	T	0.2					0.3	1.3	11.1		EST	
WESTMINSTER 4 SSE HARTSOCK			0.01	0.04	0.44	0.22		0.32			0.07	0.01	0.02	2.08		T			0.12			0.57		T					T	0.24	4.14	1900		
																0.2			1.8			5.3		0.1					T	1.3	8.7		EST	
WESTMINSTER 5 SSE KLEIN			0.05	0.52	0.09	0.04	0.25				0.06			2.12					0.05			0.34								0.25	3.77	2200		
																			2.0			7.0							1.5	10.5		EST		
MILLERS 4NE MILLER		T	0.02	0.04	0.47	0.23	T	0.30			0.08	T	0.02	2.18			0.04	T	0.10	0.01		0.58	0.03	T		0.01	T		0.20	4.31	1800			
																	1.4	T	1.8	0.2		6.4	0.5	0.1		T	T		1.3	11.7		EST		
FREDERICK 4 N FARFAN		T	0.05	0.03	0.40	0.04	0.10	0.30			0.05	0.01	0.12	1.80		T	T		0.09	T		0.54	T	T					0.06	0.15	3.74	2400		
																T	0.1		1.4	T		5.2	T	T					0.3	1.1	8.1		EST	
EAGLE ROCK HARVEY	0.01	T	0.12	0.52	1.05	0.76	0.17	0.52	0.02			0.93		0.37			0.15	0.04	T	0.12	0.06	0.13	0.52		T	T			0.11	5.60	0800			
																	0.5	1.5	T	1.0	0.5	1.5	4.0						0.5	9.5		EST		
FALLSTON 2 NW ALBRIGHT				T	0.50	0.20	0.34	0.24	0.01		0.02	T	0.18	2.27			T		0.11	T		0.70	T	0.03					0.15	0.17	4.92	2400		
																T	T		2.0			6.0		0.3					2.0	2.0	12.3		EST	

ACON MD / DE / DC
JANUARY 2005 DAILY PRECIPITATION

STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	OBS TIME
LAUREL JHU / APL GIANNOLA			0.01		0.33	0.03	0.01	0.23				T	0.30	1.83		T	T		0.12			0.42		0.05					0.11	0.41	3.85	2400	
POTOMAC 4N COHEN			T	T	0.41	0.07	0.09	0.26			T	T	0.05	2.30		T			0.16			0.32		0.02				0.03	0.55	4.26	2100		
OLNEY 1 S GIANNOLA			0.01		0.32	0.04	0.04	0.23			T	T	>	2.17		T	T		0.14			0.38		0.03				>	0.50	3.86	2400		
MONTGOMERY VILLAGE ROTH 1SW					0.32	0.04	0.04	0.22					0.08	1.84			T		0.10			0.38		0.01				0.10	0.33	3.46	2400		
GLENMONT 1NNE ROSSEN			0.02	T	0.39	0.02	0.02	0.27			T	T	0.36	2.12		T	T		0.14	T		0.40	T	0.01				0.13	0.39	4.27	2400		
BETHESDA SCAFIDE																															2400		
GAITHERSBURG 2WNW SHAW			T	0.01	0.31	0.04	0.07	0.17			0.01	T	0.11	2.12		T	T		0.10	T		0.35	T	T		T		0.15	0.31	3.75	2400		
FOREST GLEN TERRY			0.03	T	0.43	0.03	0.01	0.31			0.01		0.34	1.88		T	T		0.14			0.39		0.01		T		0.11	0.39	4.08	2400		
OXON HILL SMITH			T	T	0.18	0.03	T	0.17			0.17	0.01	0.23	1.65		T	T		0.16	T		0.35		0.01		0.05		0.07	0.45	3.53	2000		
HOLLYWOOD ABELL				0.01	0.15	0.01		0.51			0.01	0.01	T	1.77		T	T		0.13			0.37	T			0.31		0.08	0.53	3.36	2359		
RIDGE ZYL			T	T	0.05	0.01		0.37			T			1.34		T	T		0.10			0.68		0.01		0.12		0.02	0.96	3.66	2400		
SMITHSBURG 1.5 SW HUTTO		0.01	0.09	0.03	0.59	0.04	0.11	0.42			0.19		0.08	1.27			0.01		0.03			0.32						0.04	0.07	3.30	2400		
HAGERSTOWN 1E KEEFER		T	0.08	0.05	0.63	0.03	0.11	0.37			0.16	T	0.07	1.22		0.02	0.01		0.02	T		0.40		T				0.06	0.07	3.30	2400		
SMITHSBURG 2 NE VAUGHN		T	0.09	0.08	0.55	0.01	0.09	0.50			0.23		0.04	1.40		0.01	0.02		0.03	T		0.23		T				0.04	0.08	3.40	2000		
SALISBURY NWS WICOMICO CO APT			T	0.01	0.14	0.04		0.17					0.01	1.26			T		0.09			0.75	0.01	T		0.21	T	0.02	1.37	4.08	2400		
WASH NATIONAL NWS ASOS			0.02	T	0.16	T	T	0.15			0.14	T	0.24	1.82		T	T		0.05	T		0.34	T	0.01		T		0.07	0.31	3.31	2400		
WASH DULLES NWS ASOS			T	T	0.16	0.02	0.02	0.16			T		0.22	1.79		T	T		0.06	T		0.28	T	0.01				0.10	0.32	3.14	2400		
STERLING 4 N SHAFFER			T	0.02	0.40	0.11	0.01	0.22			0.01		0.21	1.84		T			0.07			0.35		0.03				0.10	0.15	3.52	2400		
DAVIS 3 SE WV LESHER	0.13	0.05	0.15	0.73	0.78	0.25	0.26	0.29	0.06			0.37	0.08	0.76	T		0.47	0.13	T	0.13	0.05	0.08	0.70	0.05	T		0.04	T	0.11	0.02	5.69	0700	
													0.1	0.1			8.9	2.3	T	1.7	0.9	0.7	6.5	0.8	T		1.1	T	0.6	0.3	24.0	EST	