



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

WARM, HUMID LAST MONTH OF SUMMER WITH BELOW NORMAL PRECIPITATION

August was a quieter month than July. Thunderstorm activity decreased dramatically resulting in precipitation amounts for the region averaging 40% of July. St. Marys County was the only county to receive more precipitation in August than in July. Temperature wise there was not much difference. August averaged less than a half degree cooler but with the humidity it was hard to feel any difference.

The remnants of Hurricane Katrina, which hit Southeast Louisiana and Mississippi as a category 4, moved north-east west of the region on August 30th and 31st. Scattered light showers with amounts of less than a tenth of an inch was common. Some observers did not record any rain. The heaviest showers fell in Carroll County. **Jim Vaughn** of **Smithsburg 2 NE** measured 1.14", and **Max Hutto** of **Smithsburg 1.5 SW** 0.62". These were the only observers who reported more than 1/2 inch.

The remnants of Hurricane Katrina pulled tropical humidity into the region. Overnight temperatures on the night of the 30th failed to drop below the mid to upper 70's in the eastern half of the region. A couple of ACON observers, **Stan Rossen** of **Glenmont 1 NNE** and **Joe Terry** of **Forest Glen**, reported an overnight low of 80 degrees, their warmest overnight minimum temperature in station history.

The first half of the month was the warmest. 90 degree temperatures were common from the 2nd to the 6th. The warmest day during this period was the 4th when temperatures rose to the mid to upper 90's.

Cloudy skies held down maximum temperatures on the 8th and 9th. Showers and thundershowers brought much needed rain to portions of the re-

gion. Heavy rains fell in St. Marys County. **John Zyla** of **Ridge** reported 4.06" and **Floyd Abell** of **Hollywood** 3.98 inches. Rainfall amounts of over an inch also fell in Anne Arundel County, where **Jeff Stoudt** of **Laurel 2 E** measured 2.02 inches and **Dan Hanson** of **Millersville 1 SE** 1.30 inches, and in Baltimore City where **Joe Manfre** of **Baltimore 2 SE** measured 1.33 inches.

Heat, along with oppressive humidity, returned on the 11th and lasted though the 14th. Temperatures rose to the mid to upper 90's on the 13th and 14th. **Greg Keefer** of **Hagerstown 1 E** and **Manuel Farfan** of **Frederick 4 N** both reported heat indices around 105 degrees.

Showers and thundershowers held down the maximum temperatures to the 70's and lower 80's on the 16th. Amounts varied from less than a quarter of an inch to nearly 2 inches. **John Zyla** of **Ridge** measured 1.89" while **Max Hutto** of **Smithsburg 1.5 SW** measured 1.88".

Three days later on the 19th clouds and showers again held down the maximum temperatures to the 70's. Rainfall amounts were generally in the 1/4 to 1/2 inch range. **Floyd Abell** of **Hollywood** reported 1.03 inches, the only amount over an inch.

Temperatures the last third of the month failed to break the 90 degree mark. Pleasant conditions with lower humidity moved into the region on the 23rd. **Rebecca Harvey** of **Eagle Rock** recorded a 48 degree reading the morning of the 23rd. Minimum temperatures the morning of the 25th were in the low to mid 50's. The coolest temperature of 50 occurred at Salisbury's Wicomico County Airport and at the following two ACON sites: **Max Hutto** of **Smithsburg 1.5 SW** and **Dave Leshner** of **Davis 3 SE WV**.

The 27th was cloudy and cool.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	99
Baltimore 2 SE	99
Smithsburg 2 NE	99
Millersville 1SE	98
Montgomery Village 1 SW	98
Forest Glen	98

MINIMUM TEMPERATURE

Eagle Rock	48
Smithsburg 1.5 SW	50
Davis 3 SE WV	50

WARMEST AVG. TEMP.

Baltimore 2 SE	81.8
Ridge	79.6
Hollywood	79.5

COLDEST AVG. TEMP.

Davis 3 SE WV	67.1
Eagle Rock	69.7
Frostburg	70.2

MAXIMUM PRECIPITATION

Ridge	6.64
Hollywood	6.15
Smithsburg 2 NE	4.15

MINIMUM PRECIPITATION

UofD Res Ctr Georgetown DE	1.14
Owings Mills 2 SE	1.14
Gaithersburg 2 WNW	1.23

Maximum temperatures were in the upper 60's to mid 70's in Maryland and lower 80's in Delaware. Rainfall amounts on the 27th & 28th generally ranged from less than a quarter of an inch to 1 inch. **Dave Leshner** of **Davis 3 SE WV** reported 1.74" and **Rebecca Harvey** of **Eagle Rock** 1.49 inches.

OBSERVER COMMENTS FOR AUGUST 2005

Gary Gallaher of Bear 2 SW, DE

Hot humid month. First half the hottest. Minimum temperature failed to fall below 70 from the 3rd to the 15th. Yard was brown most of the month due to heat and dry conditions.

Nate Mullins of LaVale

Quiet month with a very warm first half and milder second half. Second driest August in 14 years of records. Thunder occurred on only one day, a record low number of days.

3rd - Thunderstorms all around but only a T of rain here.

12th - Early mountain top fog then sunny, hot and humid.

Greg Latta of Frostburg

Two days with thunder.

Jeff Stoudt of Laurel 2 E

Rainfall totaled near normal and was enough to keep the grass green despite persistent heat.

8th - Repeating afternoon and evening thunderstorms.

28th - Very heavy shower 12 minutes centered 0145 hours.

Al Kreinik of Parkton 5 SW

8th - Heavy afternoon shower with thunder.

31st - Gusty winds late in the day.

Marty Sharrow of Owings Mills

7th - Early fog lots of clouds and humid.

13th - Sunshine, hot & humid.

19th - Overcast, cooler, early day light rain.

Joe Manfre of Baltimore 2SE

8th - Variable clouds, hot, humid. PM thunderstorm.

17th - Partly cloudy, warm, less humid.

20th - Partly cloudy, hot, humid.

Herb Close of Manchester 1 SW

Record warm average minimum temperature for August

Ralph Hartsock of Westminster 4 SSE

7th - Early sprinkles, partly cloudy, humid

13th - Very hot, partly cloudy.

31st - Partly cloudy, tropical humidity.

Greg Klein of Westminster 5 SSE

August had the biggest above normal temperature departure (+2.8 degrees)

Bobby Miller of Millers 4 NE

Summer 2005 Averages

Average Maximum Temperature 84.4°, +2.6°

Average Minimum Temperature 64.5°, +2.4°

Average Temperature 74.5° +2.5°

Precipitation 17.72", +6.82", wettest on record

Manuel Farfan of Frederick 4 N

14th - Heat index 107°. Hazy, hot, and humid.

27th - Overcast with on/off rain and rain showers all day.

Temp only in the 60s!.

Rebecca Harvey of Eagle Rock

Two days with thunder.

Rob Cohen of Potomac 4 N

12th - 93° Tied station record daily max temperature

13th - 95° Record daily max temperature.

Stan Rossen of Glenmont 1 NNE

31st - First AM low of 80 since records began 6/26/1977

Kevin Shaw of Gaithersburg 2 WNW

The tendency for warm summer nights persisted this month with 14 more days of minimums of 70° or greater. The minimum temperature departure of +4.5° was even greater than the departure in July (+3.3°). The most significant difference between July and August was in the precipitation amount. 5.58" less fell in August.

13th & 14th - 75 degree minimum established new monthly record for high minimum temperature breaking the 74 set several times in the past.

Joe Terry of Forest Glen

Temperatures were very similar to July, but precipitation was quite the opposite. August was very dry with only 15% of the rain total of July. Only 2 thunderstorm days this month.

31st - Tropical air from Katrina kept temperatures near 80 all night (30th into 31st). 80° morning minimum temperature was the warmest AM minimum since station inception.

Brian Smith of Oxon Hill

27th - Right leg of a rainbow at 0731.

Floyd Abell of Hollywood

9th - Very heavy morning rain, afternoon showers. Total for the day was 3.98".

John Zyla of Ridge

Very quiet month. Most (90%) of the monthly rain came during two storms (on the 9th 4.09" and on the 16th 1.89") Only 0.69 fell during the rest of the month outside of these two storms!!

Max Hutto of Smithsburg 1.5 SW

4th - AM haze, very hot, humid.

11th - AM haze, hot, humid, nearby thunderstorms.

25th - Very cool AM, mostly sunny.

Greg Keefer of Hagerstown 1 E

Summer of 2005 average temperature of 75.7° was the third hottest on record. The all time hottest was in 1995 with a 76.0 average and the second hottest was 75.9 set in 1991. Warm overnight lows contributed a lot to this hot summer.

12th & 13th - Sunny, hazy, hot, and very humid. Heat index peaked at 105 each day.

16th - Showers and heavy downpours and thunderstorm this morning between 7 AM & 1 PM with the heaviest rain occurring around 10AM.

Jim Vaughn of Smithsburg 2 NE

Warm and slightly wetter would describe August at my home-
stead in the hills.

16th - Rainfall of 1.38" surpassed 0.94" set in 2003 for a new daily record.

1st, 5th, 12th, 14th, 20th, & 30th - New maximum minimum temperature set each day.

27th - 70° broke the old daily minimum maximum temperature of 81 set on previous occasions, the last being 2003.

Lance Shaffer of Sterling 4 N VA

1st - Foggy AM

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
AUGUST 2005 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
<i>New Castle, Delaware</i>																								
Canavan, Jim	Wilmington 4 NNE																						2400	
Gallaher, Gary	Bear 2 SW	87.6	68.3	78.0	97	13	51	25	11	0	0	39	NNW	14	2.32	0.66	15	28.17	7	0	0.0	0.0	0.0	2400
NWS Wilmington	New Castle Co. Apt.	86.9	68.9	77.9	96	13+	56	25	9	0	0	32	S	27	1.35	0.56	16	26.40	9	0	0.0	0.0	0.0	2400
U of D Townsend Farm	Townsend 4W	86.5	69.5	78.0	<u>93</u>	<u>13</u>	<u>64</u>	<u>29</u>	5	0	0				<u>2.28</u>	<u>0.97</u>	<u>15</u>	<u>14.09</u>	8	0				2400
<i>Sussex, Delaware</i>																								
NWS Georgetown	Sussex Co. Airport	87.2	69.6	78.4	94	4+	56	25	10	0	0	32	SW	31	2.01	0.84	9	30.51	10	0				2400
U of D Research & Ed Ct	Georgetown	86.6	69.3	78.0	94	4	56	25	9	0	0				1.14	0.40	9	<u>27.25</u>	11	0	0.0	0.0	0.0	2400
U of D Warrington Farm	Harbeson 8 S	85.9	67.3	76.6	94	4+	54	25	9	0	0				2.36	0.89	9	<u>33.95</u>	11	0	0.0	0.0	0.0	2400
<i>Allegany, Maryland</i>																								
Latta, Greg	Frostburg	79.3	61.0	70.2	90	14	51	23+	1	0	0				3.02	0.83	8	27.28	10	0	0.0	0.0	0.0	0700
Mullins, Nate**	LaVale	81.9	64.5	73.2	93	3+	55	23	6	0	0				1.67	0.51	27	28.33	9	0	0.0	0.0	0.0	2400
<i>Anne Arundel, Maryland</i>																								
Bryant, Dave	St. Margarets																							2400
Hanson, Dan	Millersville 1 SE	87.6	68.4	78.0	98	4	55	25	10	0	0	21	NW	31	2.72	1.30	8	29.71	9	1	0.0	0.0	0.0	2400
Jug Bay Wetlands	Lothian	88.9	67.9	78.4	99	5	54	25	13	0	0				3.47	1.09	10	<u>30.38</u>	12	1	0.0	0.0	0.0	0900
NWS Baltimore	BWI Airport	86.3	68.9	77.6	95	4+	56	25	9	0	0	49	W	5	3.71	1.20	8	33.21	7	1	0.0	0.0	0.0	2400
Stoudt, Jeff	Laurel 2 E	87.4	69.8	78.6	97	13	57	25	10	0	0				4.12	2.02	8	35.73	7	1	0.0	0.0	0.0	2400
<i>Baltimore, Maryland</i>																								
Kreinik, Al	Parkton 5 SW	85.5	65.2	75.4	95	4	51	25	9	0	0				2.25	0.95	8	31.06	7	0	0.0	0.0	0.0	2200
Sharrow, Marty	Owings Mills 2 SE	84.6	67.1	75.9	94	13	55	25	8	0	0				1.14	0.43	28	25.87	5	0	0.0	0.0	0.0	2400
<i>Baltimore City, Maryland</i>																								
Manfre, Joe	Baltimore 2 SE	89.3	74.2	81.8	99	4	60	25	18	0	0				3.61	1.33	8	29.99	9	1	0.0	0.0	0.0	1800
Maryland Science Ctr	Baltimore Inner Harbor	88.1	73.4	80.8	98	4+	65	25	11	0	0				2.90	1.01	8	30.09	8	1				2400
<i>Carroll, Maryland</i>																								
Close Jr, Herb	Manchester 1 SW	84.3	67.4	75.9	93	4+	58	25	7	0	0				2.06	0.60	8	32.13	10	0	0.0	0.0	0.0	2300
Hartsock, Ralph	Westminster 4 SSE	84.4	66.3	75.4	95	13+	52	25	7	0	0				1.62	0.48	28	29.73	7	0	0.0	0.0	0.0	1900
Klein, Greg	Westminster 5 SSE	82.8	65.7	74.3	92	13+	56	25	5	0	0				1.50	0.43	16	28.83	7	0	0.0	0.0	0.0	2200
Miller, Bobby	Millers 4 NE	84.9	65.8	75.4	94	13	51	25	8	0	0	35	W	31	2.16	0.52	19	35.62	11	0	0.0	0.0	0.0	1800
Muller, Ray	Westminster City	85.3	68.0	76.7	95	14	56	25	9	0	0	25	WNW	31	1.35	0.52	16	32.86	5	0	0.0	0.0	0.0	2200
<i>Frederick, Maryland</i>																								
Farfan, Manuel	Frederick 4 N	86.4	67.3	76.9	97	4+	53	25	9	0	0				2.53	0.90	16	30.13	9	0	0.0	0.0	0.0	2400
<i>Garrett, Maryland</i>																								
Harvey, Rebecca	Eagle Rock	79.3	60.0	69.7	90	14	48	23	1	0	0				3.34	1.09	27	32.75	12	1	0.0	0.0	0.0	0800
<i>Harford, Maryland</i>																								
Albright, Lynn	Fallston 2 NW																							2400
<i>Howard, Maryland</i>																								
Giannola, Rich	Laurel JHU / APL	86.2	69.8	78.0	97	13	57	25	10	0	0	36	WNW	31	2.54	0.95	8	28.02	6	0	0.0	0.0	0.0	2400

**ACON MD / DE / DC
AUGUST 2005 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
<i>Montgomery, Maryland</i>																								
Cohen, Rob	Potomac 4 N	85.9	68.8	77.4	95	13+	56	25	9	0	0				1.97	0.81	9	32.64	5	0	0.0	0.0	0.0	2100
Giannola, Rich	Olney 1 S	84.3	68.1	76.2	94	16**	58	25	7	0	0				2.01	0.79	8-9	30.26	7	0	0.0	0.0	0.0	2400
Roth, David	Montgomery Village 1SW	87.5	69.2	78.4	98	13	57	25	11	0	0	13		31	1.35	0.44	9	29.07	6	0	0.0	0.0	0.0	2400
Rossen, Stan	Glenmont 1 NNE	85.9	68.3	77.1	94	4+	56	25	8	0	0				1.56	0.44	19	31.15	6	0	0.0	0.0	0.0	2400
Scafide, Tony	Bethesda	84.0	69.3	76.7	92	4	57	25	5	0	0	12		31	2.12	0.80	8	<u>17.07</u>	6	0				2400
Shaw, Kevin	Gaithersburg 2 WNW	85.9	67.8	76.9	95	4+	53	25	8	0	0				1.23	0.36	19	31.01	5	0	0.0	0.0	0.0	2400
Terry, Joe	Forest Glen	88.8	68.8	78.8	98	13	55	25	14	0	0	29	W	31	1.38	0.36	19	33.93	7	0	0.0	0.0	0.0	2400
Wash Gas Light	Rockville 1 NE	86.9	69.3	78.1	98	13	58	25	11	0	0				1.45	0.68	9	<u>23.14</u>	7	0	0.0	0.0	0.0	2400
<i>Prince Georges, Maryland</i>																								
Smith, Brian	Oxon Hill	88.6	70.2	79.4	97	13	59	25	13	0	0				2.43	0.93	8	30.59	6	0	0.0	0.0	0.0	2400
<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	88.3	70.6	79.5	97	4	60	25	12	0	0	25		31	6.15	3.98	9	32.38	6	2	0.0	0.0	0.0	2400
Zyla, John	Ridge	86.4	72.8	79.6	94	4+	65	25+	10	0	0	22	NE	31	6.64	4.06	9	31.36	7	2	0.0	0.0		2400
<i>Washington, Maryland</i>																								
Hutto, Max	Smithsburg 1.5 SW	84.7	64.2	74.5	96	13	50	25	8	0	0	29	SSW	31	3.90	1.88	16	26.77	11	1	0.0	0.0	0.0	2400
Keefer, Greg	Hagerstown 1 E	85.8	66.5	76.2	97	4+	52	25	10	0	0	33	NW	31	2.92	1.03	16	26.02	11	1	0.0	0.0	0.0	2400
Vaughn, Jim	Smithsburg 2 NE	88.0	67.0	77.5	99	4+	54	25	12	0	0	50	SSW	31	4.15	1.38	16	26.53	9	2	0.0	0.0	0.0	2400
<i>Wicomico, Maryland</i>																								
NWS Salisbury	Wicomico Co. Apt	86.5	65.4	76.0	94	13	50	25	10	0	0	33	N	23	1.78	1.10	9	35.03	8	1	0.0	0.0	0.0	2400
<i>Arlington, Virginia</i>																								
NWS Washington Nation:	National Airport	87.9	72.3	80.1	97	4+	62	25	12	0	0	35	WNW	31	2.33	1.17	8	29.60	7	1	0.0	0.0	0.0	2400
<i>Loudon, Virginia</i>																								
NWS Washington Dulles	Dulles Airport	87.4	68.0	77.7	96	13	55	25	11	0	0	32	NW	31	2.32	0.74	8	29.81	7	0	0.0	0.0	0.0	2400
Shaffer, Lance	Sterling 4 N	86.1	69.4	77.8	95	13	59	25	10	0	0				1.62	0.45	27	31.89	8	0	0.0	0.0	0.0	2400
<i>Tucker, West Virginia</i>																								
Leshner, Dave	Davis 3 SE WV	75.0	59.2	67.1	83	4+	50	23	0	0	0				4.85	1.61	7	42.21	15	2	0.0	0.0	0.0	0700
SECTION AVERAGE*		86.0	68.1	77.0										2.49					0.0					

NOTES:

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED

OLNEY 1S ** = FOR PERIOD 12th TO 16th

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA

**OBSERVERS FOR LAVALE ARE DAVID DREWERY AND CHARLES ORLICK. 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.

**ACON MD / DE / DC
AUGUST 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 CANAVAN																																		2400 EDT
BEAR 2 SW, DE GALLAHER	86 69	94 68	94 72	96 71	95 76	90 73	85 70	90 72	80 71	87 70	95 70	96 73	97 76	96 75	87 73	74 69	86 66	87 62	77 70	86 68	93 69	87 61	84 59	81 58	83 51	82 59	83 63	83 71	88 66	86 75	88 72	87 68.3	2400 EDT	
WILMINGTON , DE NWS NEW CASTLE CO APT	84 70	93 69	94 72	95 72	88 76	83 74	87 73	79 72	87 70	93 69	95 71	96 73	96 77	87 74	75 72	86 68	85 63	85 64	77 67	85 71	91 72	87 64	83 60	84 58	83 56	82 62	83 68	82 70	86 66	86 74	88 70	86 68.9	2400 EST	
Townsend 4W, DE UofD TOWNSEND FARM	84 67	89 67	91 69	92 69	91 71	M M	86 70	82 69	86 69	84 68	M M	89 68	93 77	91 76	84 70	75 68	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	M M	84 64	84 72	86 69	86.5 69.5	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	86 69	93 68	92 73	94 70	94 73	88 70	85 73	84 70	88 69	88 71	88 71	76 74	84 76	92 76	93 74	93 76	89 74	81 87	85 80	87 88	80 92	88 88	82 83	83 82	82 81	81 79	82 79	88 88	87 87	85 85	88 73	85 73	87.2 69.6	2400 EST
GEORGETOWN, DE UofD RESEARCH & ED CTR	80 71	67 91	73 89	68 94	73 84	71 85	71 84	72 88	69 76	71 84	71 92	77 93	76 93	76 92	74 89	71 81	67 85	63 88	71 79	69 88	73 92	66 88	65 83	62 82	56 81	58 79	65 79	71 88	67 87	73 85	73 88	69.3 86.6	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	81 66	91 64	89 71	94 67	85 70	84 70	88 69	75 70	82 64	92 69	93 68	93 72	92 75	88 73	86 70	79 65	84 62	87 69	80 68	86 71	88 64	80 63	80 61	80 54	79 58	82 64	88 68	83 65	85 71	85 73	89 67.3	2400 EST		
FROSTBURG LATTA	82 59	85 63	85 64	86 63	88 64	80 65	79 62	81 62	73 64	76 62	84 62	83 64	87 66	90 70	87 65	78 63	70 58	79 57	80 57	71 64	89 64	81 59	77 51	75 51	77 51	76 53	69 58	64 59	79 62	72 63	75 65	79.3 61.0	0700 EST	
LAVALE MULLINS**	86 64	90 66	93 63	88 63	84 65	81 69	82 67	72 67	71 68	84 66	86 67	91 68	92 67	93 68	81 70	72 66	84 61	84 60	73 69	92 70	85 69	82 57	80 58	80 56	78 58	64 60	84 65	74 66	80 67	81 68	81.9 64.5	2400 EDT		
ST MARGARETS BRYANT																																		2400 EDT
MILLERSVILLE 1SE HANSON	88 67	95 68	95 69	98 71	97 73	88 71	86 72	88 71	75 70	89 70	95 70	95 73	95 75	95 75	90 72	76 70	89 66	88 63	73 69	89 73	93 70	89 63	84 60	84 60	84 55	80 60	73 66	88 70	87 67	85 71	87 71	87.6 68.4	2400 EDT	
LOTHIAN JUG BAY	84 61	89 68	98 69	98 69	99 71	96 71	88 70	86 72	91 70	78 70	88 70	94 73	96 74	95 75	92 73	83 70	88 69	88 63	80 69	90 75	95 62	90 60	84 61	84 54	84 58	82 64	77 69	89 61	88 70	86 74	88.9 67.9	0900 EDT		
BALTIMORE NWS BWI APT	86 68	92 69	92 72	95 73	95 74	86 71	84 71	87 71	75 69	86 70	91 69	93 74	94 77	94 75	88 74	77 69	86 65	86 65	76 69	88 72	92 70	87 65	84 61	83 61	83 56	80 60	73 66	86 71	86 67	84 73	86 69	86.3 68.9	2400 EST	
LAUREL 2 E STOUDT	88 69	93 71	94 72	96 73	95 75	89 75	88 74	87 69	75 70	87 69	87 71	93 74	96 79	95 77	88 74	77 69	86 65	87 66	77 68	90 72	92 72	86 69	84 61	83 61	84 57	82 61	73 66	86 69	88 75	86 72	88.7 69.8	2400 EST		
PARKTON 5SW KREINIK	86 66	91 64	91 68	95 67	94 68	86 67	83 67	87 67	77 68	85 65	91 67	93 70	94 71	94 68	86 65	84 63	84 60	83 68	71 68	86 69	90 58	86 66	81 58	80 56	82 56	80 61	75 67	83 65	84 65	84 65	85.5 65.2	2200 EDT		
OWINGS MILLS 2SE SHARROW	85 67	90 69	91 71	93 70	86 72	83 69	86 70	83 68	74 68	84 68	90 67	92 73	93 66	86 74	76 72	84 67	85 63	75 67	85 68	89 73	83 64	83 60	81 61	81 55	78 59	78 63	71 67	81 66	84 71	83 67	85 67	84.6 67.1	2400 EDT	
BALTIMORE 2SE MANFRE	87 76	96 76	94 78	99 81	98 80	91 77	86 76	90 74	79 73	90 74	93 75	95 74	98 81	98 81	90 78	79 72	89 69	90 74	78 70	92 75	94 78	87 74	86 66	87 68	84 60	84 71	77 68	90 72	90 74	87 76	90 79	89.3 74.2	1800 EDT	
BALT INNER HARBOR MD SCIENCE CENTER	87 74	94 74	94 79	98 79	97 76	90 76	87 77	90 70	77 72	88 73	77 74	97 79	98 80	98 79	89 77	77 71	89 68	88 72	78 70	90 73	94 78	88 74	86 66	85 69	85 65	82 69	76 69	88 71	89 72	87 76	89 72	88.1 73.4	2400 EST	
MANCHESTER 1SW CLOSE	85 68	91 67	90 70	93 71	92 73	85 70	83 69	84 67	77 67	85 65	88 69	92 74	93 76	93 74	86 70	74 66	84 63	84 64	71 65	86 68	88 65	83 62	80 61	81 58	83 63	80 62	72 67	84 69	83 70	82 69	84.3 67.4	2300 EDT		
WESTMINSTER 4 SSE HARTSOCK	86 66	90 66	88 69	90 70	87 71	87 70	82 68	78 68	82 67	84 67	93 69	95 72	95 72	86 72	73 66	82 60	85 66	85 67	74 67	87 74	88 61	79 57	81 60	79 52	80 57	74 61	84 65	86 66	86 75	85 75	84.4 66.3	1900 EDT		
WESTMINSTER 5 SSE KLEIN	83 65	88 67	87 69	90 70	84 72	84 68	87 67	75 66	83 65	89 69	90 69	92 71	92 71	83 69	72 65	80 61	83 61	87 65	71 65	84 72	81 64	81 59	79 59	77 56	78 57	77 60	71 65	83 65	83 65	84 69	84.8 65.7	2200 EDT		
MILLERS 4NE MILLER	85 65	90 67	90 69	93 68	90 72	85 68	84 68	84 66	77 66	85 64	89 67	92 72	94 73	93 69	80 65	83 63	84 60	80 65	86 67	88 73	85 61	80 57	80 51	80 58	81 58	79 61	74 65	84 66	84 70	81 75	84.9 65.8	1800 EDT		
MULLER WESTMINSTER CITY	86 68	91 68	91 70	94 71	93 75	84 71	83 70	83 69	75 71	86 70	90 69	93 72	94 75	95 75	87 73	76 68	85 64	85 63	73 63	88 69	80 72	85 64	81 60	81 62	81 56	78 61	74 64	84 66	85 72	85 68	85 68	85.3 68.0	2200 EDT	
FREDERICK 4 N FARFAN	88 67	95 67	94 68	97 68	94 74	87 72	89 70	85 68	80 69	87 71	91 70	96 76	96 76	97 76	89 71	86 67	87 62	73 62	90 68	90 68	84 61	82 59	81 60	82 56	79 63	69 70	86 68	85 70	87 71	87 67	86.4 67.3	2400 EDT		
EAGLE ROCK HARVEY	82 58	80 60	84 64	84 64	86 68	80 64	80 60	82 60	72 60	76 60	82 60	83 66	86 66	90 66	86 64	79 62	79 56	80 57	80 61	80 62	86 54	79 58	76 58	76 51	74 54	70 58	68 56	79 58	72 62	71 64	72 64	79.3 60.0	0800 EST	
FALLSTON 2 NW ALBRIGHT																																		2400 EDT

ACON MD / DE / DC
AUGUST 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	88	91	90	96	94	88	86	86	74	87	92	96	97	96	86	74	85	87	75	91	90	84	83	80	83	79	72	87	86	84	86	86.2	2400
GIANNOLA	69	72	74	73	77	73	73	69	69	69	72	74	77	77	73	68	65	66	68	71	75	69	62	63	57	61	66	70	69	72	71	69.8	EDT
POTOMAC 4N	86	91	92	93	93	87	89	85	74	84	90	93	95	95	87	79	85	86	76	88	90	86	83	83	83	79	71	84	86	86	85	85.9	2100
COHEN	68	67	70	70	72	72	72	72	70	69	68	73	74	75	75	71	66	64	69	69	74	64	61	65	56	60	66	70	68	71	73	68.8	EDT
OLNEY 1 S	87	90	90	93	92	86	86	83	72	84	90	>	>	>	>	94	84	85	75	88	90	85	81	81	80	77	70	84	83	82	84	84.3	2400
GIANNOLA	69	69	70	72	74	71	72	68	69	68	70	>	>	>	>	71	65	65	67	70	72	64	62	63	58	61	65	70	69	73	71	68.1	EDT
MONTGOMERY VILLAGE	88	93	94	97	96	89	89	88	72	85	93	95	98	96	90	76	87	88	76	91	95	88	85	83	84	79	70	87	86	87	87	87.5	2400
ROTH 1SW	69	69	70	72	74	72	72	72	69	68	70	73	76	77	75	71	66	65	68	69	71	65	63	64	57	61	66	70	69	73	73	69.2	EDT
GLENMONT 1NNE	88	91	89	94	93	86	86	83	75	86	91	94	93	94	86	77	85	87	77	89	91	87	83	80	83	78	71	87	87	84	88	85.9	2400
ROSSEN	68	68	69	72	73	72	72	70	69	69	69	73	75	75	71	69	66	64	68	71	69	64	60	61	56	59	66	71	68	71	70	68.3	EST
BETHESDA	84	90	90	92	91	85	85	84	74	83	88	90	91	91	86	78	83	84	76	87	90	84	81	79	80	77	71	83	83	84	84	84.0	2400
SCAFIDE	69	68	71	73	74	72	72	70	69	70	74	75	75	75	69	66	65	68	70	73	66	62	64	57	61	65	70	69	73	71	69.3	EDT	
GAITHERSBURG 2WNW	87	92	91	95	94	88	88	85	75	85	90	93	95	95	89	77	87	88	75	88	89	85	83	80	82	79	70	84	85	85	85	85.9	2400
SHAW	67	67	69	70	72	71	71	70	69	68	69	73	75	75	71	69	66	63	68	70	70	63	59	61	53	59	65	70	67	73	70	67.8	EDT
FOREST GLEN	89	95	94	97	97	91	88	88	77	88	94	97	98	97	91	80	89	90	77	93	94	90	86	85	86	81	72	89	88	86	86	88.8	2400
TERRY	69	67	69	71	75	72	72	70	70	69	69	73	76	76	73	70	65	64	69	71	71	64	61	62	55	60	66	71	69	75	70	68.8	EDT
ROCKVILLE 1NE	89	91	90	95	94	85	90	87	74	86	92	M	98	97	87	96	84	89	76	91	90	85	82	80	83	82	70	86	88	85	85	86.9	2400
WASH GAS LIGHT	68	70	75	73	74	72	73	69	69	72	M	77	77	72	68	65	66	68	69	76	67	63	64	58	60	66	69	68	73	70	69.3	EDT	
OXON HILL	90	95	96	96	96	89	87	88	75	88	94	95	97	96	91	83	89	89	78	92	95	90	84	85	84	80	72	88	88	87	89	88.6	2000
SMITH	69	69	74	73	75	73	72	72	70	71	71	75	76	76	77	70	68	65	69	72	76	67	65	65	59	61	65	70	69	71	70	70.2	EDT
HOLLYWOOD	88	96	95	97	96	89	91	89	74	88	95	95	95	94	92	84	87	87	79	92	94	89	82	82	84	81	76	85	88	86	88	88.3	2359
ABELL	70	71	71	71	76	74	71	73	69	72	73	75	77	77	75	74	66	65	71	73	77	67	66	63	60	61	64	72	68	73	73	70.6	EDT
RIDGE	85	92	90	94	94	88	89	86	78	86	94	93	93	92	89	81	83	86	80	87	90	90	80	81	82	80	76	83	86	84	87	86.4	2400
ZYLA	72	73	72	77	78	76	73	76	72	72	76	78	78	78	76	73	69	69	73	73	74	70	71	67	65	65	69	72	72	76	72	72.8	EDT
SMITHSBURG 1.5 SW	87	92	93	95	90	84	87	78	78	86	90	94	96	95	88	71	84	85	73	87	88	82	80	80	81	78	68	85	82	84	85	84.7	2400
HUTTO	61	64	64	64	68	68	68	68	67	66	67	71	71	68	64	60	58	67	69	64	58	57	57	50	56	62	65	66	71	66	64.2	EDT	
HAGERSTOWN 1E	89	94	94	97	92	85	87	79	81	87	90	95	96	97	89	74	85	87	74	90	90	84	81	81	82	77	68	85	82	84	83	85.8	2400
KEEFER	64	67	67	67	72	72	69	69	68	68	70	69	74	74	73	65	62	61	67	70	68	61	59	61	52	59	63	65	68	72	67	66.5	EDT
SMITHSBURG 2 NE	90	96	95	99	96	89	93	85	82	89	93	97	99	98	90	76	87	88	76	89	91	85	84	82	87	79	70	89	85	84	86	88.0	2400
VAUGHN	75	67	66	69	71	69	69	70	69	67	68	71	73	74	71	63	60	61	67	71	66	60	59	64	54	61	63	67	70	74	68	67.0	EDT
SALISBURY	85	91	91	93	93	86	87	86	77	86	91	93	94	91	91	81	84	87	79	88	91	88	79	83	81	81	77	87	86	85	88	86.5	2400
NWS WICOMICO CO APT	64	62	65	62	67	68	69	69	64	67	66	70	76	73	72	70	62	58	70	66	70	63	65	56	50	54	59	67	62	68	72	65.4	EST
WASH NATIONAL	87	94	93	97	97	90	89	87	76	86	93	95	95	94	90	82	88	89	78	90	94	88	84	85	84	80	73	87	87	86	87	87.9	2400
NWS ASOS	71	72	75	77	76	76	75	72	72	73	73	78	78	78	71	68	69	71	74	75	70	68	68	62	65	67	72	71	74	72	72.3	EST	
WASH DULLES	87	92	93	95	94	89	89	86	76	87	92	95	96	95	91	83	86	87	75	90	94	88	86	84	84	77	70	87	87	86	89	87.4	2400
NWS ASOS	66	67	69	69	73	70	69	70	70	71	69	73	75	75	73	69	66	62	69	71	71	63	61	61	55	59	63	69	68	72	69	68.0	EST
STERLING 4 N	86	91	91	92	92	87	88	83	77	84	89	94	95	94	91	80	85	86	75	90	94	87	86	83	83	76	69	85	86	85	86	86.1	2400
SHAFFER	69	69	70	72	73	72	72	70	71	71	74	75	75	75	70	66	66	68	70	73	66	62	64	59	61	64	68	69	72	72	69.4	EDT	
DAVIS 3 SE WV	78	78	80	83	82	75	76	77	67	71	78	80	81	83	81	76	67	75	72	77	81	74	70	72	71	71	67	63	75	72	71	75.0	0700
LESHER	55	56	57	57	57	61	60	62	60	59	62	64	66	65	64	64	57	57	59	62	65	56	50	51	54	55	56	56	62	62	64	59.2	EDT

**ACON MD / DE / DC
AUGUST 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																																	2400 EDT	
BEAR 2 SW, DE GALLAHER							T	T	0.22					0.17	0.66	0.36			0.24								0.55	0.12			T	2.32 0.0	2400 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT							0.01	0.01	0.19					0.05	T	0.56			0.30								0.20	0.01		0.02	T	1.35 0.0	2400 EST	
Townsend 4W, DE UoFD TOWNSEND FARM						0.39	M	0.05	0.08	0.09	M				0.97	0.67	M	M	M	M	M	M	M	M	M	M	M	M		0.02	0.01	2.28 0.0	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT						T	0.58	0.01	0.84	0.22						0.23	0.01		0.09									0.01	0.01		0.01		2.01 -	2400 EST
GEORGETOWN, DE UoFD RESEARCH & ED CTR						0.01	0.03		0.40	0.20						0.17	0.11		0.10	0.01								0.09	0.01		0.01		1.14 0.0	2400 EST
HARBESON 8 S, DE UoFD WARRINGTON FARM						0.16	0.19	0.05	0.89	0.66		0.04				0.20	0.08		0.06									0.02			0.01		2.36 0.0	2400 EST
FROSTBURG LATTA						T		0.83	0.22							0.19	0.14			0.14	0.06						0.43	0.57		0.05	0.39	3.02 0.0	0700 EST	
LAVALE MULLINS**							T	0.18	0.09							0.27			T	0.03						0.07	0.51		0.10	0.25	0.17	1.67 0.0	2400 EDT	
ST MARGARETS BRYANT																																		2400 EDT
MILLERSVILLE 1SE HANSON					0.09	0.01		1.30	0.12							0.53			0.25	0.01							0.13	0.28				2.72 0.0	2400 EDT	
LOTHIAN JUG BAY				T	0.42	0.22	T		0.04	1.09	0.01	T		T			0.30	0.01	0.06	0.89	T					T	0.02	0.40	0.01			3.47 0.0	0900 EDT	
BWI NWS ASOS					0.60		T	1.20	0.15	T						0.43			0.19								0.17	0.97				3.71 0.0	2400 EST	
LAUREL 2 E STOUDT					0.04		T	2.02	0.13							0.73			0.46								0.18	0.56			T	4.12 0.0	2400 EST	
PARKTON 5SW KREINIK							T	0.95	0.03		0.31					0.33			0.32									0.01	0.30				2.25 0.0	2200 EDT
OWINGS MILLS 2SE SHARROW					T	T	T	T	0.14	T						0.21			0.28	T								0.08	0.43		T		1.14 0.0	2400 EDT
BALTIMORE 2SE MANFRE					0.59	0.02	0.03	1.33	0.06							0.18			0.34									0.08	0.98				3.61 0.0	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER					0.27			1.01	0.05	0.01						0.17			0.39									0.08	0.92				2.90 -	2400 EST
MANCHESTER 1SW CLOSE							0.01	0.60	0.07		0.01					0.53			0.39									0.15	0.27		0.02	0.01	2.06 0.0	2300 EDT
WESTMINSTER 4 SSE HARTSOCK									0.40							0.35	0.06		0.26									0.02	0.48			0.05	1.62 0.0	1900 EDT
WESTMINSTER 5 SSE KLEIN								0.31	0.04							0.43			0.25									0.12	0.32			0.03	1.50 0.0	2200 EDT
MILLERS 4NE MILLER							0.07	0.23	0.09		0.40					0.38	0.04		0.52	0.01								0.02	0.37		T	0.03	2.16 0.0	1800 EDT
MULLER WESTMINSTER CITY								0.08	T							0.52			0.31								T	0.10	0.34		T		1.35 0.0	2200 EDT
FREDERICK 4 N FARFAN							0.03	0.03	0.31							0.90	0.01		0.29								T	0.63	T		0.32	0.01	2.53 0.0	2400 EDT
EAGLE ROCK HARVEY							0.02	0.16	0.51							0.03	0.03		0.12	0.12	0.70							1.09	0.40		0.08	0.08	3.34 0.0	0800 EST
FALLSTON 2 NW ALBRIGHT																																		2400 EDT

ACON MD / DE / DC
AUGUST 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								0.95	0.62							0.23			0.38								0.17	0.19				2.54 0.0	2400 EDT
POTOMAC 4N COHEN								0.20	0.81							0.30			0.34											T	1.97 0.0	2100 EDT	
OLNEY 1 S GIANNOLA					0.03		T	>	0.79							0.50			0.45							T	0.17	0.06	0.01		2.01 0.0	2400 EDT	
MONTGOMERY VILLAGE ROTH 1SW								0.09	0.44							0.13			0.44								0.13	0.12			1.35 0.0	2400 EDT	
GLENMONT 1NNE ROSSEN					T		T	0.41	0.25							0.29			0.44							T	0.12	0.05	T		1.56 0.0	2400 EST	
BETHESDA SCAFIDE								0.80	0.56							0.23			0.35								0.12	0.06			2.12	2400 EDT	
GAITHERSBURG 2WNW SHAW					T	T		0.33	0.14							0.10			0.36							T	0.30		T	T	1.23 0.0	2400 EDT	
FOREST GLEN TERRY					0.17			0.31	0.23							0.11			0.36								0.12	0.08			1.38 0.0	2400 EDT	
ROCKVILLE 1NE WASH GAS LIGHT								0.18	0.68			M				0.05			0.39								0.07	0.07	0.01		1.45 0.0	2400 EDT	
OXON HILL SMITH					T			0.93	0.37					T		0.29			0.39								0.27	0.18			2.43 0.0	2000 EDT	
HOLLYWOOD ABELL								0.01	3.98						T	0.82			1.03								0.18	0.13			6.15 0.0	2359 EDT	
RIDGE ZYLA							0.10		4.06	0.02					T	1.89	0.08		0.35								0.14				6.64 0.0	2400 EDT	
SMITHSBURG 1.5 SW HUTTO							0.10	0.01	0.34							1.88	0.01		0.50		0.01					0.04	0.35	0.04	0.62 0.0	3.90 0.0	2400 EDT		
HAGERSTOWN 1E KEEFER							0.23	0.01	0.33		T					1.03			0.59		0.01					0.01	0.25	0.04	0.38	0.04	2.92 0.0	2400 EDT	
SMITHSBURG 2 NE VAUGHN					T		0.22	T	0.29							1.38	0.01		0.53							0.40	0.18	1.13	0.01	4.15 0.0	2400 EDT		
SALISBURY NWS WICOMICO CO APT						T	0.05	T	1.10	T						0.31	0.01		0.09	0.01			T			0.07		0.14		1.78 0.0	2400 EST		
WASH NATIONAL NWS ASOS					0.01			1.17	0.16							0.13			0.37								0.22	0.27	T		2.33 0.0	2400 EST	
WASH DULLES NWS ASOS						0.02		0.74	0.19							0.46			0.19								0.71	T	0.01		2.32 0.0	2400 EST	
STERLING 4 N SHAFFER	T							0.17	0.42							0.13	T		0.20	0.01						T	0.45	0.20	0.04		1.62 0.0	2400 EDT	
DAVIS 3 SE WV LESHER						T	1.61	0.01	0.48	0.04		T			0.01	0.11	0.08		0.07	0.08	0.41	0.01					0.43	1.31	0.03	0.17	4.85 0.0	0700 EDT	