



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

SUMMER WOULD NOT GIVE UP RECORD DRYNESS GRIPPED THE REGION

September will be remembered by its extreme lack of rainfall and for unseasonably warm temperatures. For some stations with long term records this was their driest September on record and one of their driest months ever. Washington (National Airport) broke their record of 0.14" which stood since 1884 with 0.11". September was also Washington's third driest month surpassed only by October 1963 when a "Trace" fell and April 1985 when 0.03" fell. **Greg Keefer**, ACON's observer from **Hagerstown 1 E** where records go back to the late 1890's, reported a record dry September. Details of individual ACON observers records follow on page 2.

As a result of the lack of cloud cover and precipitation, daytime maximum temperatures averaged quite a bit above normal. There were no real extreme hot periods. Maximum temperatures across most of the region east of Allegany County failed to fall below the 80 degree mark until the 24th at many stations.

Hurricane Ophelia moved northeast just off the Southeast coast from the 12th to 16th and then out into the Atlantic south of Cape Hatteras. Ophelia then continued to move northeast to off the Southeastern New England Coast as a tropical storm. Scattered showers fell on the 14th and 15th east of Carroll County. Most of these showers were light but a couple were quite heavy. Two heavy showers moved north along the Maryland / Delaware western border the afternoon of the 14th and morning of the 15th. **Dean Dey** of the **University of Delaware Townsend Farm** reported that 3.21 inches fell while **Gary Gallaher** of **Bear 2 SW DE** reported 2.85 inches fell. The only other ACON observer to report an amount

greater than half inch this month was **David Roth** of **Montgomery Village 1 SW**.

One big difference between August and September was its lack of the persistent humidity which hung around most of the summer. After the passage of Katrina's remnants less humid air slowly moved into the region. Minimum temperatures fell to the comfortable 50's and lower 60's. **Joe Terry** of **Forest Glen** reported a relative humidity reading of 19% on the 8th.

This period of lower humidity lasted until tropical humid conditions were pulled northwards by Ophelia ahead of a cold front. Minimum temperatures from the 14th to 17th ranged from near 70 to the mid 70's across much of the eastern portion of the region. **John Zyla** of **Ridge** reported a minimum temperature of 76 on both the 14th and 15th. Maximum temperatures were within a few degrees of 90.

A strong cold front crossed the region on the 26th bringing an end to the warm, above normal temperatures. With it came the first of two "general" rainfall events of the month. Rainfall amounts on the 26th was generally two tenths of an inch or less. The heaviest amount of 0.22 inches was reported by **Jeff Stoudt** of **Laurel 2 E**.

Another cold front moved through the region on the 29th bringing with it the second "general" rain event of the month. Rainfall amounts with this frontal passage were quite light. Amounts were generally less than a tenth of an inch. The heaviest amount of 0.20 inches was reported by **Nate Mullins** of **LaVale**.

After the passage of the cold

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	95
Baltimore 2 SE	94
Hollywood	94

MINIMUM TEMPERATURE

Davis 3 SE WV	33
Eagle Rock	34
Frostburg	36
Smithsburg 1.5 SW	36

WARMEST AVG. TEMP.

Baltimore 2 SE	77.0
Ridge	74.7
Annapolis 2 N	74.5

COLDEST AVG. TEMP.

Davis 3 SE WV	61.1
Eagle Rock	64.7
Frostburg	65.3

MAXIMUM PRECIPITATION

UofD Townsend DE	3.35
Bear 2 SW DE	3.09
Davis 3 SE WV	1.36
Montgomery Village 1 SW	1.02

MINIMUM PRECIPITATION

Westminster 5 SSE	0.06
Westminster 4 SSE	0.08
Laurel JHU/APL	0.11
Glenmont 1 NNE	0.16

front on the 29th seasonably cold air finally made it appearance. The first light frost of the season was reported in the Maryland mountains. Maximum temperatures on the last day of the month were generally in the upper 60's and lower 70's range.

OBSERVER COMMENTS FOR SEPTEMBER 2005

Gary Gallaher of Bear 2 SW, DE

Persistent warm maximum temperatures. The maximums failed to fall below 80 until the 23rd which is a record for September. The old record was the set in 1980 when the maximum temperature did not fall below 80 until the 16th. Two heavy showers moved north along the Maryland / Delaware border the afternoon of the 14th and morning of the 15th bringing 92% (2.85") of the months precipitation in 19 hours. Most of the region was very dry.

Greg Latta of Frostburg

No thunderstorms were observed this month.

Nate Mullins of LaVale

Warmest September. Previous warmest September was 1998 when the temperature averaged 67.1 degrees. September was the second driest month. The driest month here was November 1998 when 0.19" fell.

8th - Mountaintop fog early then sunny and warm.

30th - Clear with light frost this morning, first of the season.

Jeff Stoudt of Laurel 2 E

Very dry and warmer than normal sums it up. September was an extension of the August heat including some humid spells. Even this location, where months that brought less than an inch of rain have been very rare, only 0.22" fell, and that's from only one short measurable rainfall.

Marty Sharrow of Owings Mills

Driest month since I began keeping weather records in 1966. The lack of rain killed all the weeds in my yard.

3rd - Sunny with fair weather cumulus, breezy and dry.

13th - Sunny, hot

23rd - Partly sunny, very warm

Joe Manfre of Baltimore 2SE

4th - Sunny, warm, low humidity

15th - Cloudy in AM with showers. PM partly cloudy, hot, humid.

29th - Sunny, mild, low humidity, a few light showers.

Herb Close of Manchester 1 SW

Records set this month: 1.) Warmest average maximum, average minimum, and average temperature, 2.) Driest month ever, 3.) Most 80+ days with 22 days, - old record 21 days in 1998, 4.) Least number of days maximum temperature below 70 with 1, old record was 2 days in 2002, 5.) Hottest temperature for the month 93 degrees, old record 92 set in 1992 and tied twice in 1998. Records here date back 17 years. At my parents home (Finksburg 2 NW) it was the driest month on record. Records date back 26 years.

Ralph Hartsock of Westminster 4 SSE

Driest month since keeping daily records.

22nd - Partly cloudy and hot.

30th - Sunny, cold start.

Greg Klein of Westminster 5 SSE

Driest month in 12 years here.

Bobby Miller of Millers 4 NE

Driest month on record.

Manuel Farfan of Frederick 4 N

26th - Cloudy finally some rain, the first measurable rain this month. Grass "crackles" when stepping on it.

Rebecca Harvey of Eagle Rock

30th - First frost

Rob Cohen of Potomac 4 N

Driest September and second warmest on record.

Rich Giannola of Olney 1 S

Driest month in 19 years of records.

29th - Light rain showers with FROPA mid-morning to early afternoon.

Stan Rossen of Glenmont 1 NNE

Second driest month on record. Driest September. Previous record 0.62" set in 1977.

26th - First measurable rain in 28 days. Second longest period without measurable rain. Record is 33 days set 8/7-9/8/1995.

Kevin Shaw of Gaithersburg 2 WNW

Driest September on record and driest month ever. Previous September record was 0.92" in 1998 and the previous driest month was October 2000 when 0.29" fell. Temperatures were significantly warmer than normal, equally on the max and min side, but no real outstanding record breaking periods of heat were in evidence this September.

Joe Terry of Forest Glen

Driest month since October 2002. 28 days consecutive days (August 29th to September 25th) without measurable rain. Unusually warm with 8 highs in the 90's, more like July or August. More normal weather during the last week.

8th - Very dry. Dew point as low as 39 degrees and relative humidity 19%. Unusual for early September.

Brian Smith of Oxon Hill

17th - Thundershower 1815-1900 hours.

Floyd Abell of Hollywood

Driest September on record.

14th - Mostly cloudy. Late evening showers.

17th - Thunder west of station.

John Zyla of Ridge

23 consecutive days without measurable precipitation, not a record though. Driest September in station history (10 years). Previous record was 0.73" in 1997.

Max Hutto of Smithsburg 1.5 SW

8th - Coolest AM temperature, 47 degrees, this month so far.

24th - Cloudy, much cooler, breezy

26th - First rain in 26 days.

Greg Keefer of Hagerstown 1 E

Driest September on record with only 0.18". Old record was 0.38" in 1943. This was the third driest month for any month. The driest is 0.08" in March 1910, second driest is 0.13" in December 1955. September was also one of the sunniest, cloud free months I have ever seen with 73.3% sunshine.

26th - 25 days with no measurable rains ended today. This was the second longest stretch ever. The record longest stretch without measurable rain is 26 days set 6/29 to 7/24/1998. The third longest stretch is 24 days set 8/15-9/7/1995.

Jim Vaughn of Smithsburg 2 NE

Driest September on record. Previous driest was 0.64 set in 1986. Also driest month on record. Previous driest was 0.22" set in April 1985.

Lance Shaffer of Sterling 4 N VA

11th - A nice weather day.

**ACON MD / DE / DC
SEPTEMBER 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	83.2	61.0	72.1	91	13	43	30	1	0	0				0.70	0.55	14	33.34	2	0	0.0	0.0	0.0	2100
Giannola, Rich	Olney 1 S	81.8	60.3	71.1	88	2	42	30	0	0	0				0.29	0.19	26	30.55	2	0	0.0	0.0	0.0	2400
Roth, David	Montgomery Village 1SW	82.6	61.1	71.9	90	23	44	30	1	0	0				1.02	0.75	14	30.09	3	0	0.0	0.0	0.0	2400
Rossen, Stan	Glenmont 1 NNE	83.8	59.4	71.6	91	13	42	30	4	0	0				0.16	0.15	26	31.31	2	0	0.0	0.0	0.0	2400
Scafide, Tony	Bethesda	79.8	61.7	70.8	87	23	44	30	0	0	0	11		29	0.28	0.13	14+	<u>17.35</u>	3	0	0.0	0.0	0.0	2400
Shaw, Kevin	Gaithersburg 2 WNW	81.1	58.9	70.0	87	2+	41	30	0	0	0				0.25	0.14	26	31.26	2	0	0.0	0.0	0.0	2400
Terry, Joe	Forest Glen	85.6	60.5	73.1	93	13+	42	30	8	0	0	26	SW	29	0.18	0.18	26	34.11	1	0	0.0	0.0	0.0	2400
Wash Gas Light	Rockville 1 NE	81.2	61.5	71.4	88	2	44	30	0	0	0				0.42	0.27	14	<u>23.56</u>	2	0	0.0	0.0	0.0	2400
<i>Prince Georges, Maryland</i>																								
Smith, Brian	Oxon Hill	84.7	62.9	73.8	93	23	45	30	4	0	0				0.19	0.10	26	30.78	3	0	0.0	0.0	0.0	2400
<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	84.5	62.6	73.6	94	23	47	30	5	0	0	25		29	0.30	0.17	14	32.68	3	0	0.0	0.0	0.0	2400
Zyla, John	Ridge	83.0	66.3	74.7	92	23	54	30	3	0	0	22	NW	26	0.36	0.32	20	31.72	2	0	0.0	0.0	0.0	2400
<i>Washington, Maryland</i>																								
Hutto, Max	Smithsburg 1.5 SW	81.2	54.6	67.9	89	13+	36	30	0	0	0	22	SSW	29	0.23	0.13	29	27.00	2	0	0.0	0.0	0.0	2400
Keefer, Greg	Hagerstown 1 E	82.9	57.2	70.1	91	13+	39	30	2	0	0	40	NW	30	0.18	0.11	29	26.20	2	0	0.0	0.0	0.0	2400
Vaughn, Jim	Smithsburg 2 NE	83.5	58.4	71.0	92	13	38	30	3	0	0	47	SSW	29	0.16	0.09	29	26.69	2	0	0.0	0.0	0.0	2400
<i>Wicomico, Maryland</i>																								
NWS Salisbury	Wicomico Co. Apt	83.8	54.1	69.0	92	23	37	30	2	0	0	29	WSW	29	0.41	0.23	17	35.44	4	0	0.0	0.0	0.0	2400
<i>Arlington, Virginia</i>																								
NWS Washington Nation:	National Airport	84.7	65.3	75.0	93	23	50	30	7	0	0	30	NW	29	0.11	0.09	26	29.71	3	0	0.0	0.0	0.0	2400
<i>Loudon, Virginia</i>																								
NWS Washington Dulles	Dulles Airport	84.5	59.4	72.0	93	23	40	30	5	0	0	32	NW	29	0.15	0.13	26	29.96	3	0	0.0	0.0	0.0	2400
Shaffer, Lance	Sterling 4 N	82.2	61.4	71.8	90	23	44	30	1	0	0				0.21	0.13	26	32.10	6	0	0.0	0.0	0.0	2400
<i>Tucker, West Virginia</i>																								
Leshner, Dave	Davis 3 SE WV	70.4	51.7	61.1	77	14	33	30	0	0	0				1.36	0.55	1	43.57	4	0	0.0	0.0	0.0	0700
SECTION AVERAGE*		82.5	59.9	71.2											0.46						0.0			

NOTES:

M OR UNDERLINE= MISSING DATA
 > = INCLUDED IN NEXT DAYS DATA
ITALIC = ESTIMATED

*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.

GARY GALLAHER 11/23/05 Rev 1/29/06

ACON MD / DE / DC
SEPTEMBER 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	85	89	82	84	84	83	83	85	84	85	83	88	92	83	88	87	84	86	84	82	84	88	73	77	82	75	77	73	69			82.9	2400 EDT		
WILMINGTON , DE NWS NEW CASTLE CO APT	87	89	83	85	84	83	82	86	85	85	82	89	90	81	87	88	87	83	87	85	83	86	91	75	78	83	77	77	74	68			83.3	2400 EST	
Townsend 4W, DE UofD TOWNSEND FARM	84	85	80	82	81	80	80	83	83	82	80	86	90	83	86	86	87	82	85	86	82	85	89	73	78	82	76	76	73	69			81.8	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	87	90	84	85	83	80	80	86	87	84	81	88	92	88	89	88	91	84	88	87	86	87	93	76	82	88	79	80	82	70			84.8	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	64	63	60	57	57	54	54	53	55	56	54	51	55	69	76	71	68	64	61	68	59	52	67	59	56	64	53	49	56	44			58.9	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	86	89	82	82	78	76	78	82	85	80	78	86	90	84	86	83	91	81	87	88	80	85	91	75	78	85	76	76	79	66			82.1	2400 EST	
FROSTBURG LATTA	73	76	79	74	75	77	78	78	78	79	79	80	84	86	83	84	85	76	73	81	71	81	85	79	63	79	69	72	79	60			77.2	0700 EST	
LAVALLE MULLINS	75	73	77	78	77	80	82	82	82	84	86	88	87	88	85	81	82	82	74	80	88	86	66	80	72	74	80	67	70			79.6	2400 EDT		
ANNAPOLIS 2N BRYANT	62	59	55	53	52	52	51	51	59	56	53	52	57	56	67	68	64	62	54	62	56	51	61	63	62	64	62	42	43	37			56.2	2400 EDT	
ANNAPOLIS 2N BRYANT	84	86	82	82	81	81	80	80	82	82	81	81	83	84	87	86	86	83	83	84	82	82	87	76	80	81	72	77	75	70			81.3	2400 EDT	
MILLERSVILLE 1SE HANSON	71	69	68	68	67	66	64	63	67	69	65	66	67	73	75	75	75	70	69	72	68	64	72	71	70	70	67	60	63	53			67.9	2400 EDT	
MILLERSVILLE 1SE HANSON	87	90	84	84	84	81	81	87	84	84	83	88	89	84	88	89	89	85	87	87	84	85	92	74	78	82	79	79	76	68			83.7	2400 EDT	
LOTHIAN JUG BAY	64	61	59	56	58	57	54	51	58	61	55	57	65	72	72	70	63	60	68	58	53	67	65	65	66	53	47	57	41			59.6	2400 EDT		
LOTHIAN JUG BAY	87	89	92	85	84	84	M	81	M	88	85	84	90	91	89	91	90	92	89	90	94	88	94	95	73	82	85	82	82	78			86.9	0900 EDT	
BALTIMORE NWS BWI APT	63	60	57	56	56	56	M	56	55	53	57	62	72	69	69	63	58	65	58	52	65	67	64	64	57	45	57	45	54	39			58.4	2400 EDT	
BALTIMORE NWS BWI APT	85	88	82	84	83	81	81	86	85	83	82	88	90	84	88	87	89	84	88	89	85	87	93	73	77	82	78	79	75	69			83.5	2400 EST	
LAUREL 2 E STOUDT	65	65	58	60	61	57	54	52	58	62	56	57	58	69	73	69	63	60	69	60	53	69	67	66	66	51	47	55	41			60.5	2400 EST		
LAUREL 2 E STOUDT	84	90	82	83	85	82	82	86	84	85	85	87	91	88	91	89	90	85	88	89	85	89	93	73	78	82	78	79	73	70			84.2	2400 EST	
PARKTON 5SW KREINIK	66	66	62	59	59	58	56	54	60	62	57	58	59	72	72	74	71	64	60	70	60	56	70	67	65	66	51	47	53	43			61.2	2200 EDT	
PARKTON 5SW KREINIK	82	86	82	82	83	82	84	85	84	84	83	89	90	87	90	88	87	83	86	85	84	86	90	71	73	77	75	78	72	70			82.6	2200 EDT	
OWINGS MILLS 2SE SHARROW	61	56	61	54	56	52	51	48	56	54	55	52	54	62	69	70	63	56	56	64	58	50	66	61	62	66	54	40	52	38			56.6	2400 EDT	
OWINGS MILLS 2SE SHARROW	84	85	78	79	80	78	79	82	81	80	81	84	87	83	83	84	84	80	84	82	81	84	88	73	73	73	76	71	67			80.0	2400 EDT		
BALTIMORE 2SE MANFRE	63	61	61	60	58	56	54	53	59	61	55	56	58	67	70	70	68	62	60	66	59	54	67	61	62	65	59	46	54	42			59.6	1800 EDT	
BALTIMORE 2SE MANFRE	86	93	82	85	88	86	83	89	87	88	84	91	94	86	93	90	91	86	90	90	86	90	93	75	79	88	79	82	76	70			86.0	1800 EDT	
BALT INNER HARBOR MD SCIENCE CENTER	68	71	68	68	66	68	66	67	59	69	66	68	71	74	76	74	76	70	73	72	67	64	73	68	67	71	65	61	63	52			68.0	2400 EST	
BALT INNER HARBOR MD SCIENCE CENTER	86	90	82	85	86	84	84	88	86	86	85	91	92	86	92	91	90	86	89	89	86	90	92	75	79	86	78	80	76	71			85.4	2400 EST	
MANCHESTER 1SW CLOSE	69	69	69	66	65	66	64	62	67	68	66	66	68	73	74	74	72	70	71	71	66	62	73	68	67	69	64	59	57	52			66.9	2300 EDT	
MANCHESTER 1SW CLOSE	83	88	82	82	80	79	80	86	84	82	83	90	91	84	85	89	88	85	89	87	86	86	93	68	72	77	76	77	73	70			82.5	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK	61	61	59	59	61	58	56	59	64	61	59	61	66	66	70	70	67	62	61	66	58	62	67	61	61	65	59	54	50	44			60.9	1900 EDT	
WESTMINSTER 4 SSE HARTSOCK	81	81	80	81	80	78	78	81	82	81	82	82	84	86	87	87	86	82	84	87	78	90	90	78	78	79	74	73	71	64			80.8	1900 EDT	
WESTMINSTER 5 SSE KLEIN	61	60	58	58	57	53	52	50	56	58	54	58	55	69	70	66	59	65	56	52	52	62	61	64	57	46	57	39					57.8	2200 EDT	
WESTMINSTER 5 SSE KLEIN	81	83	77	77	78	75	75	78	80	80	75	80	83	78	84	83	83	78	83	82	77	75	74	70	73	76	70	72	68	64			77.1	2200 EDT	
MILLERS 4NE MILLER	61	61	59	58	57	56	55	55	60	59	55	58	58	64	69	68	65	60	61	65	57	55	63	59	60	63	55	50	50	42			58.6	1800 EDT	
MILLERS 4NE MILLER	82	85	83	81	82	81	82	84	83	82	82	88	90	86	89	87	86	82	85	83	83	85	89	81	72	76	74	77	73	69			82.1	1800 EDT	
MULLER WESTMINSTER CITY	63	60	60	57	55	55	53	50	57	58	53	55	57	61	68	70	65	58	58	66	57	52	65	60	61	65	60	42	59	37			57.9	2200 EDT	
MULLER WESTMINSTER CITY	83	86	81	80	82	80	82	84	83	83	81	86	87	88	88	89	88	82	85	85	82	86	90	72	76	78	77	78	70	68			82.0	2200 EDT	
FREDERICK 4 N FARFAN	63	61	60	57	57	58	55	54	54	63	56	58	59	69	73	70	68	61	60	67	58	61	63	62	63	66	57	49	50	43			59.8	2400 EDT	
FREDERICK 4 N FARFAN	84	88	81	81	83	81	83	84	83	81	83	87	90	84	89	89	88	82	85	84	84	88	88	69	76	80	77	78	72	70			82.3	2400 EDT	
EAGLE ROCK HARVEY	65	59	58	55	56	56	53	49	57	60	55	55	54	61	69	71	69	60	57	67	57	52	69	62	64	68	52	44	49	40			58.0	0800 EST	
EAGLE ROCK HARVEY	70	74	76	72	72	72	74	80	78	78	80	79	86	86	82	84	82	74	74	84	72	80	84	79	70	80	70	70	79	60			76.7	2400 EDT	
FALLSTON 2 NW ALBRIGHT	59	58	48	48	50	50	48	50	56	54	50	50	54	54	56	58	62	62	62	54	52	52	60	54	56	54	50	46	50	34			52.7	2400 EDT	
FALLSTON 2 NW ALBRIGHT																																			2400 EDT

ACON MD / DE / DC
SEPTEMBER 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	84	89	79	81	82	80	82	86	83	83	83	87	90	85	90	88	87	82	86	87	85	87	90	71	76	81	76	79	73	70		82.7	2400
GIANNOLA	67	63	61	61	60	59	57	54	60	63	58	60	59	68	72	73	71	65	63	70	62	56	70	63	65	67	55	50	52	43		61.6	EDT
POTOMAC 4N	85	89	82	81	83	81	83	86	84	82	85	88	91	83	86	89	85	83	85	86	85	88	88	77	75	79	79	81	74	72		83.2	2100
COHEN	65	61	61	57	61	59	55	63	57	62	57	56	57	67	71	70	68	63	60	68	59	56	66	64	65	68	62	48	60	43		61.0	EDT
OLNEY 1 S	>	>	88	80	81	79	79	83	83	80	81	85	87	83	87	86	86	82	84	84	82	85	>	>	87	79	76	77	73	69		81.8	2400
GIANNOLA	>	>	60	58	59	59	56	54	59	63	57	59	59	69	71	72	69	63	61	70	59	57	>	>	63	68	56	50	54	42		60.3	EDT
MONTGOMERY VILLAGE	86	89	83	83	83	80	80	84	84	83	82	87	89	84	88	87	87	83	86	88	84	86	90	72	75	79	77	78	73	68		82.6	2400
ROTH 1SW	65	62	61	58	61	59	56	53	59	64	57	59	58	69	70	71	69	64	61	69	61	57	68	65	66	69	57	49	53	44		61.1	EDT
GLENMONT 1NNE	85	89	81	82	84	81	82	87	83	82	84	88	91	85	90	90	87	84	88	89	85	90	89	71	76	80	78	83	75	74		83.8	2400
ROSSEN	64	61	59	57	58	56	54	52	57	63	56	56	56	66	71	70	69	63	60	67	58	55	66	64	64	68	52	47	51	42		59.4	EST
BETHESDA	82	86	79	80	80	77	78	81	82	80	79	82	84	81	86	85	84	81	82	85	79	82	87	73	75	79	75	75	72	66		79.8	2400
SCAFIDE	65	63	61	58	62	60	57	55	59	64	58	59	59	71	73	72	69	64	62	69	60	58	67	65	65	68	58	51	56	44		61.7	EDT
GAITHERSBURG 2WNW	83	87	80	80	80	79	79	82	84	82	80	83	85	84	87	87	86	82	86	86	85	84	87	71	76	79	74	76	71	69		81.1	2400
SHAW	63	60	58	57	58	57	53	50	55	61	54	56	55	68	71	70	67	62	59	68	58	54	65	63	65	67	54	47	50	41		58.9	EDT
FOREST GLEN	88	91	86	86	87	83	84	88	88	85	86	90	93	87	92	92	90	86	88	90	87	88	93	72	76	82	80	81	76	72		85.6	2400
TERRY	64	62	59	56	60	58	54	53	57	64	57	57	58	72	73	73	69	63	61	68	59	55	68	64	65	68	55	48	52	42		60.5	EDT
ROCKVILLE 1NE	84	88	79	78	80	78	78	84	84	80	M	86	87	82	86	86	85	82	85	85	86	88	M	71	78	81	76	78	70	68		81.2	2400
WASH GAS LIGHT	66	65	66	61	61	58	56	54	59	62	M	61	57	70	71	70	69	64	62	69	56	69	M	63	65	68	55	48	53	44		61.5	EDT
OXON HILL	87	91	83	85	83	80	81	88	87	84	83	89	92	88	91	89	88	85	88	89	86	88	93	73	78	83	80	80	77	72		84.7	2000
SMITH	69	64	63	62	63	61	56	56	60	64	59	59	59	72	74	73	69	67	64	69	62	58	68	68	66	68	58	49	61	45		62.9	EDT
HOLLYWOOD	87	90	85	83	82	82	81	84	87	85	82	86	88	88	90	89	90	86	87	90	83	86	94	76	80	85	81	80	76	71		84.5	2359
ABELL	66	63	62	60	60	60	56	58	60	65	59	56	58	70	75	73	71	67	62	69	63	58	70	70	66	67	56	52	59	47		62.6	EDT
RIDGE	87	90	81	82	81	80	80	84	82	81	81	85	85	86	88	87	85	88	90	81	86	92	74	80	87	79	80	77	70		83.0	2400	
ZYLA	65	68	67	66	65	67	63	64	65	65	63	60	63	76	76	75	72	69	67	69	68	64	71	71	69	67	63	60	58	54		66.3	EDT
SMITHSBURG 1.5 SW	81	86	79	80	81	80	81	83	82	82	82	88	89	85	89	86	86	81	84	82	83	87	87	67	76	78	75	77	70	68		81.2	2400
HUTTO	59	57	53	51	54	52	50	47	54	57	51	51	52	57	63	68	63	55	54	62	51	49	67	62	64	67	49	41	43	36		54.6	EDT
HAGERSTOWN 1E	83	89	81	82	82	81	83	86	83	82	85	89	91	87	91	85	88	84	87	82	86	89	89	68	76	78	77	79	71	72		82.9	2400
KEEFER	61	59	56	54	58	54	53	50	58	59	55	53	55	60	66	69	66	58	56	64	54	53	68	62	65	68	53	44	47	39		57.2	EDT
SMITHSBURG 2 NE	85	87	80	83	83	79	82	85	86	85	86	89	92	88	91	87	89	85	89	87	88	88	91	70	75	78	76	78	72	70		83.5	2400
VAUGHN	63	60	56	54	59	57	54	52	57	59	56	56	57	69	68	72	64	59	58	61	59	59	67	62	64	67	49	48	49	38		58.4	EDT
SALISBURY	86	88	84	84	82	79	81	85	87	82	81	86	88	87	88	87	91	86	88	85	83	85	92	74	80	86	79	80	81	70		83.8	2400
NWS WICOMICO CO APT	59	59	55	51	52	52	50	52	51	52	48	45	47	66	73	69	64	57	55	60	51	47	64	55	52	57	46	45	53	37		54.1	EST
WASH NATIONAL	87	90	84	85	84	81	83	85	86	85	84	86	90	88	90	90	90	86	88	90	85	88	93	74	78	84	80	80	77	70		84.7	2400
NWS ASOS	70	67	67	63	65	64	60	60	63	67	63	62	63	74	75	75	71	68	67	71	66	62	70	68	67	69	60	55	56	50		65.3	EST
WASH DULLES	86	89	83	83	85	81	83	86	87	85	85	89	91	87	91	91	90	84	87	89	86	88	93	71	78	83	80	79	76	70		84.5	2400
NWS ASOS	65	60	61	57	59	57	53	51	55	61	58	56	54	69	71	69	66	62	59	68	57	55	68	65	66	68	50	47	55	40		59.4	EST
STERLING 4 N	85	88	82	81	82	79	80	82	83	83	82	84	89	84	89	89	86	83	85	86	82	87	90	74	75	79	77	76	73	71		82.2	2400
SHAFFER	67	63	62	61	59	58	57	54	59	63	58	58	58	67	71	71	68	64	62	69	61	59	67	64	66	69	58	49	56	44		61.4	EDT
DAVIS 3 SE WV	65	70	72	68	68	67	68	70	72	73	73	70	73	77	73	75	76	69	66	75	65	71	75	73	71	74	66	67	70	60		70.4	0700
LESHER	56	56	50	47	47	48	48	46	46	52	54	50	50	54	56	56	60	53	50	52	56	56	56	58	58	60	51	44	47	33		51.7	EDT

ACON MD / DE / DC
SEPTEMBER 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														1.17	1.68			0.01									0.21			0.02			3.09	2400 EDT
WILMINGTON, DE NWS NEW CASTLE CO APT														T	0.24												0.19			0.01			0.44	2400 EST
Townsend 4W, DE UoFD TOWNSEND FARM														0.72	2.49												0.11			0.03			3.35	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT														0.12			0.08			0.03						0.10	0.01		0.04			0.38	2400 EST	
GEORGETOWN, DE UoFD RESEARCH & ED CTR														0.01			0.45	0.01		0.06			0.04			0.12			0.01			0.70	2400 EST	
HARBESON 8 S, DE UoFD WARRINGTON FARM					0.02									0.03			0.36	0.01		0.01						0.10						0.53	2400 EST	
FROSTBURG LATTA	0.04									T														0.01			0.14		0.03	0.15			0.37	0700 EST
LAVALE MULLINS	0.01							0.02															T			0.10			0.20	0.01			0.34	2400 EDT
ANNAPOLIS 2N BRYANT														0.01			T									0.16			T	T			0.17	2400 EDT
MILLERSVILLE 1SE HANSON														0.15	0.40											0.10	0.01						0.66	2400 EDT
LOTHIAN JUG BAY	T	T	T	T	T	T	M	0.01	M	0.01	T	T	0.01	T	0.16	T		T				0.01					0.09	0.01	T			0.30	0900 EDT	
BWI NWS ASOS														0.23	0.32		T							T		0.11			0.01			0.67	2400 EST	
LAUREL 2 E STOUDT														T												0.22			T				0.22	2400 EST
PARKTON 5SW KREINIK																T	0.10									0.20			T				0.30	2200 EDT
OWINGS MILLS 2SE SHARROW															T										T	0.20			T				0.20	2400 EDT
BALTIMORE 2SE MANFRE														0.03	0.35									T		0.17			0.02				0.57	1800 EDT
BALT INNER HARBOR MD SCIENCE CENTER														0.02	0.11											0.14			0.02				0.29	2400 EST
MANCHESTER 1SW CLOSE															T									T		0.15			0.03				0.18	2300 EDT
WESTMINSTER 4 SSE HARTSOCK														T	T											0.07			0.01				0.08	1900 EDT
WESTMINSTER 5 SSE KLEIN																										0.05			0.01				0.06	2200 EDT
MILLERS 4NE MILLER															T		0.12									0.11	0.08		0.02				0.33	1800 EDT
MULLER WESTMINSTER CITY														t	t											0.1			0.0				0.13	2200 EDT
FREDERICK 4 N FARFAN																T								0.01		0.10	0.01		0.03	0.03			0.18	2400 EDT
EAGLE ROCK HARVEY	0.09																									T	0.21		0.31				0.61	0800 EST
FALLSTON 2 NW ALBRIGHT																																		2400 EDT

ACON MD / DE / DC
SEPTEMBER 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																									0.11			T			0.11	2400	
POTOMAC 4N COHEN														0.55												0.15						0.70	2100
OLNEY 1 S GIANNOLA														0.10												0.19		T			0.29	2400	
MONTGOMERY VILLAGE ROTH 1SW														0.75												0.25		0.02			1.02	2400	
GLENMONT 1NNE ROSSEN															T	T								T		0.15		0.01			0.16	2400	
BETHESDA SCAFIDE														0.13												0.13		0.02			0.28	2400	
GAITHERSBURG 2WNW SHAW														0.11										T		0.14		T			0.25	2400	
FOREST GLEN TERRY																T										0.18		T			0.18	2400	
ROCKVILLE 1NE WASH GAS LIGHT											M			0.27		T							M			0.15					0.42	2400	
OXON HILL SMITH														T	T	T	0.08									0.10		0.01			0.19	2000	
HOLLYWOOD ABELL														0.17	T									T	T		0.11		0.02		0.30	2359	
RIDGE ZYLA														T							0.32					0.04					0.36	2400	
SMITHSBURG 1.5 SW HUTTO																										0.10		0.13			0.23	2400	
HAGERSTOWN 1E KEEFER																T					T					0.07		0.11			0.18	2400	
SMITHSBURG 2 NE VAUGHN																T					T					0.07		0.09			0.16	2400	
SALISBURY NWS WICOMICO CO APT														T			0.23	0.02								0.14		0.02			0.41	2400	
WASH NATIONAL NWS ASOS														T	0.01	T	T							T		0.09		0.01			0.11	2400	
WASH DULLES NWS ASOS																0.01							0.01			0.13		T			0.15	2400	
STERLING 4 N SHAFFER														0.02		0.02								0.02		0.13	0.01	0.01			0.21	2400	
DAVIS 3 SE WV LESHER	0.55																T							T			0.54	0.01	0.26		1.36	0700	
																															0.0	EDT	