



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

WARM MONTH WITH BELOW AVERAGE PRECIPITATION IN MANY AREAS

After a cool May temperatures made a sharp rebound this month. Temperatures averaged 1½ to 3+ degrees above normal. At many locations it was the warmest since August 2002. No severe storms including tropical weather affected the region. Meanwhile precipitation varied across the region. Most of the precipitation fell at the beginning and end of the month. Strong thunderstorms occurred on the 6th and 29th. The wettest region was Southern Delaware and the lower Eastern Shore of Maryland. Northern regions east of Carroll County and Western Maryland were the driest. According to the United States Department of Agriculture adequate topsoil moisture in Delaware fell from 91% at the beginning of June to 67% at months end while Maryland saw a decrease from 84% to 36%.

June began on a cool note. Minimum temperatures on the first fell to near 50 in many areas. **Rebecca Harvey** of **Eagle Rock** reported 42 while the temperature fell to 44 at the Salisbury Airport. A day long soaking rain along with quite cool temperatures occurred on the 3rd. Maximum temperatures were in the low to mid 60's. Rainfall amounts of 1 to over 2 inches fell across Southern Delaware, Maryland's Lower Eastern Shore and southern St. Marys County.

The first long stretch of

heat and uncomfortable humidity began on the 5th and lasted through the 16th. This was an unusually long stretch of consecutive days where the maximum temperature failed to fall below 80 degrees for early June. A four (4) day stretch of very pleasant weather with low dew points followed. Humid conditions along with some hot, hazy conditions and 90 degrees plus temperatures returned on the 21st and lasted to month end.

Heavy thunderstorms rolled across parts of the region on the 6th. Amounts of over 1 inch were common in the Baltimore – Washington metropolitan region. The heaviest rains fell in Baltimore City and Anne Arundel County. 1.96" was observed by **Jeff Stoudt** of **Laurel 2E**, 1.95" at **Jug Bay Wetlands**, and 1.86" at **Baltimore 2SE** by **Joe Manfre**. **Greg Keefer** of **Hagerstown 1E** in Washington County reported 1 inch in just 35 minutes and damaging winds. Jim Vaughn reported a peak wind gust of 62 MPH. Hail was reported in eastern Washington County.

Heavy thunderstorms were scattered across the region on the 29th. The only daily precipitation amounts of over 2 inches was observed by **Kevin Shaw** of **Gaithersburg 2 WNW** (2.27") and **Al Kreinik** of **Parkton 5SW** (2.25").

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Smithsburg 2NE	98
Montgomery Village 1SW	95
Oxon Hill	95

MINIMUM TEMPERATURE

Eagle Rock	42
Davis 3 SE WV	46
Frostburg	47
Smithsburg 1.5SW	47
Wash Gas Light Rockville	47

WARMEST AVG. TEMP.

Baltimore 2SE	77.3
Oxon Hill	75.9
Smithsburg 2NE	75.8

COLDEST AVG. TEMP.

Davis 3 SE WV	64.1
Eagle Rock	66.2
Frostburg	67.0

MAXIMUM PRECIPITATION

UofD Warrington Farm	5.98
Gaithersburg 2WNW	5.51
Parkton 5SW	4.54

MINIMUM PRECIPITATION

Davis 3SE WV	1.72
Eagle Rock	1.80
Smithsburg 2NE	1.82

OBSERVER COMMENTS FOR JUNE 2005

Gary Gallaher of Bear 2 SW, DE

2nd – Good soaking rain.

5th – Warmer, deep blue cloudless day.

13th – Tropical humidity

15th – Less humid. 77 degree morning minimum temperature.

28th – Very humid. Heavy thunderstorms south and southwest of station.

Nate Mullins of LaVale

Hottest June since 1994.

1st – Clear and cool overnight. Afternoon light SW breezes.

25th & 26th – Sunny, hot, hazy and humid.

Jeff Stoudt of Laurel 2 E

6th – Repeating evening thunderstorms.

Al Kreinik of Parkton 5 SW

9th – Very dark 3 PM thunder to the west. Moderate rain with thunder and lightning @ 3:30PM.

28th – Darkening sky heavy thunder to W & NW with heavy rain north of station but none here.

29th – Brilliant lightning and thunder, heavy rain @ 4:30 PM.

Marty Sharrow of Owings Mills

4th – Early low clouds and fog. Clearing late.

22nd – Sunshine and quite comfortable.

27th – Cloudy intervals, humid with a few showers.

Joe Manfre of Baltimore 2SE

6th – Hot with heavy PM thunderstorms.

24th – Sunny, hot, more humid.

Ralph Hartsock of Westminster 4 SSE

4th – Clouds and fog early - late clearing.

9th – Hot and humid with afternoon thunderstorms.

14th – Hot, hot, hot & sunny.

17th – Sunny, dry and cool.

Bobby Miller of Millers 4 NE

Third warmest June of 24 on record and the warmest since 1994. 4 days with maximum temperatures in the 90's. The year 2003 saw three and none occurred in the year 2004.

3rd – Daytime maximum temperature 62.

8th – Warmest maximum temperature since 8/19/2002.

29th – Thunderstorm with vivid lightning after observation. Tree struck ¼ mile away.

Manuel Farfan of Frederick 4 N

6th – First 90 degree day. Hazy, hot, humid. Heat index rose to 99.1 and the dew point rose to 74.3 F.

14th – Heat index peaked at 99.9 F.

29th – Strong thunderstorm around 5 PM. Grass turning brown...but not mine – I am watering it.

Rich Giannola of Olney 1 S

13th – Thunderstorm began 6PM. Rainbow at 7:50 PM. Rain ended at 8 PM.

Kevin Shaw of Gaithersburg 2

Warm, wet month. 89% of the months rain fell on three (3) days with the heaviest, 2.27", falling on the 29th. Temperatures averaged over 3 degrees above normal while the maximum only hit 94 degrees.

Stan Rossen of Glenmont 1 NNE

Maximum temperature of 94 was the warmest since 8/22/2002 when it also hit 94..

Joe Terry of Forest Glen

17th- 20th – Spectacular late spring weather. Dew points as low as they get this time of the year – upper 40's on the 17th.

29th – First good rain in almost 3 weeks. Well defined mammatus overhead at onset of evening thunderstorm.

Brian Smith of Oxon Hill

11th - 1740-1840 upper portions halo occasionally with upper tangent arc and left perihelion

Floyd Abell of Hollywood

7th – Storms before dawn.

16th – Fair then heavy afternoon shower. Clear evening.

Max Hutto of Smithsburg 1.5 SW

3rd - Overnight rain, Cooler, P.M. rain changing to drizzle

9th - AM Haze, Mostly cloudy, Continued hot, Showers from nearby T/storms

29th - Hot, Humid, PM T/storm and then another shower, Windy

Greg Keefer of Hagerstown 1 E

7th warmest June on record. The all-time warmest is 75.0 set in 1899 and tied in 1943.

6th – First 90 degree day of the year. Heat index peaked at 100. Intense thunderstorm mainly between 5:30 PM – 6:30 PM with black skies, strong winds to 47 MPH, and heavy downpours over 1 inch in 35 minutes with frequent and sharp lightning. Reports of hail and wind damage in area. More light thunderstorms in area 10 PM.

28th – Oppressive heat and humidity. Heat index 102. All thunderstorms went around or dissipated.

29th – Thunderstorm dropped 0.44" in about 15 minutes.

Jim Vaughn of Smithsburg 2 NE

The past 9 weeks have been the driest since late 1998. By months end the grass has long since turned brown. This was the fourth driest June (driest 0.91" in 1988) and the warmest on record (previous warmest 75.3 in 1994) . 15 days of 90+ temperatures break the record of 14 days set in 2002.

Lance Shaffer of Sterling 4 N VA

24th – Hot but bearable.

John Zyla of Ridge

13th – First 90 degree day of the year

**ACON MD / DE / DC
JUNE 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	75	71	62	76	86	88	87	93	87	88	88	87	90	92	87	83	77	79	70	74	81	86	80	86	90	89	77	90	84	88		83.0	2400 EDT	
WILMINGTON , DE NWS NEW CASTLE CO APT	72	70	62	74	87	86	86	90	86	85	85	86	89	92	86	82	76	80	70	74	81	86	79	82	89	86	77	87	83	87		81.8	2400 EST	
TOWNSEND 4W, DE UofD TOWNSEND FARM	74	67	63	74	85	89	86	92	88	86	87	85	88	90	85	83	76	78	68	70	80	83	80	84	89	88	79	90	81	85		81.8	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	52	54	56	59	59	65	65	67	68	71	69	68	71	72	71	63	55	53	55	52	67	62	56	58	61	63	69	70	72	68		63.1	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	71	61	63	72	86	89	87	91	88	86	86	86	88	91	89	88	78	80	73	68	81	81	77	85	88	86	77	89	79	84		81.6	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	50	55	57	61	59	64	67	69	68	70	69	68	72	75	71	63	57	52	58	52	48	61	61	60	62	65	71	72	72	70		63.3	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	72	62	64	74	86	90	86	92	88	86	87	87	88	92	89	88	79	79	74	69	81	82	78	85	87	85	77	90	79	85		81.9	2400 EST	
UofD RESEARCH & ED CTR	51	55	58	61	59	65	67	68	69	71	69	69	72	75	71	65	58	54	59	52	48	63	61	60	63	65	71	72	72	70		63.8	2400 EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	68	59	62	72	83	87	86	91	86	85	86	86	88	91	88	88	79	79	72	67	79	81	74	85	88	83	78	89	78	81		80.6	2400 EST	
UofD WARRINGTON FARM	49	54	56	60	58	64	66	67	67	70	68	68	71	75	69	63	59	53	57	52	48	61	61	60	61	64	69	71	71	70		62.7	2400 EST	
FROSTBURG LATTA	73	75	60	57	73	83	86	83	84	81	80	81	83	83	84	73	66	66	70	68	69	76	75	78	83	86	85	85	83	81		77.0	0700 EST	
LATTA	48	50	52	53	54	58	59	59	61	63	65	65	63	66	64	60	49	47	47	55	50	50	52	55	58	60	59	61	64	63		57.0	2400 EDT	
LAVALE MULLINS**	63	64	62	75	86	85	87	82	85	84	88	90	85	90	81	74	68	75	74	74	82	81	84	85	89	88	87	88	86	88		81.0	2400 EDT	
LAVALE MULLINS**	49	53	57	59	54	64	62	63	66	67	67	66	68	73	71	62	53	50	55	55	55	62	57	60	62	62	66	67	66		61.1	2400 EDT		
ST MARGARETS BRYANT																																		2400 EDT
MILLERSVILLE 1SE HANSON	81	68	65	79	88	92	91	94	89	87	90	87	91	94	90	85	79	84	76	75	86	87	84	88	93	90	82	90	85	90		85.2	2400 EDT	
MILLERSVILLE 1SE HANSON	50	57	59	62	59	66	64	65	71	72	69	66	71	71	71	65	55	52	59	53	52	63	56	59	62	63	70	67	69	68		62.8	2400 EDT	
LOTHIAN JUG BAY	81	78	68	67	78	89	91	89	91	88	80	88	87	91	94	92	87	81	84	79	74	83	85	82	86	90	89	87	93	85		84.6	0900 EDT	
JUG BAY	49	51	59	61	59	66	65	65	69	72	71	66	72	70	71	65	54	51	58	54	62	62	56	57	61	61	70	67	73	68		62.8	2400 EDT	
BALTIMORE NWS BWI APT	79	66	64	77	88	90	88	92	88	86	87	86	89	91	87	83	77	81	73	72	83	86	84	87	91	90	82	90	83	88		83.6	2400 EST	
NWS BWI APT	51	57	59	61	60	65	64	68	71	72	70	68	72	72	72	62	56	53	59	52	53	64	61	59	64	65	72	67	69	68		63.5	2400 EST	
LAUREL 2 E STOUDT	80	68	64	78	88	92	89	92	91	88	90	91	92	93	87	85	77	82	74	73	84	87	85	88	92	91	83	91	84	89		84.9	2400 EST	
LAUREL 2 E STOUDT	52	58	58	62	61	66	63	68	73	74	73	71	73	73	74	68	58	54	60	53	54	65	62	60	65	66	73	68	70	69		64.8	2400 EST	
PARKTON 5SW KREINIK	78	70	63	74	87	90	88	90	90	86	89	85	89	92	86	84	77	78	75	71	80	83	83	85	90	89	89	89	84	87		83.4	2200 EDT	
PARKTON 5SW KREINIK	48	55	54	60	58	62	63	64	66	70	69	65	70	68	70	61	50	50	55	50	50	59	53	53	61	60	66	66	70	68		60.5	2400 EDT	
OWINGS MILLS 2SE SHARROW	81	68	62	72	84	91	85	93	88	84	88	87	89	90	84	80	73	78	74	73	81	83	82	86	90	91	83	90	83	87		82.7	2400 EDT	
OWINGS MILLS 2SE SHARROW	54	55	55	58	59	65	62	68	69	70	68	66	72	69	71	67	54	54	56	52	54	64	56	59	63	63	69	67	69	66		62.5	2400 EDT	
BALTIMORE 2SE MANFRE	80	67	66	75	89	91	91	94	89	90	92	90	93	94	89	85	79	83	75	75	85	88	84	91	92	92	84	94	88	90		85.8	1800 EDT	
BALTIMORE 2SE MANFRE	62	57	59	61	65	70	67	76	74	75	73	71	76	76	79	69	62	63	64	61	62	72	64	69	70	71	74	76	75	72		68.8	2400 EDT	
BALT INNER HARBOR MD SCIENCE CENTER	79	68	64	77	86	90	91	93	88	89	91	89	92	94	88	84	79	83	75	75	84	87	83	90	92	91	83	92	87	90		85.1	2400 EST	
BALT INNER HARBOR MD SCIENCE CENTER	61	58	59	63	65	67	67	75	75	75	73	71	75	76	79	69	62	63	63	61	61	71	64	66	68	70	74	74	71	71		68.2	2400 EST	
MANCHESTER 1SW CLOSE	79	69	61	76	87	90	88	92	88	86	88	87	90	90	84	78	75	79	72	73	81	84	80	85	89	88	85	90	84	87		82.8	2300 EDT	
MANCHESTER 1SW CLOSE	60	53	55	58	60	65	64	68	70	70	69	67	69	70	71	62	55	54	56	53	58	64	56	60	63	67	69	67	68	68		63.0	2400 EDT	
WESTMINSTER 4 SSE HARTSOCK	78	74	66	77	84	92	85	90	91	88	91	89	88	92	86	79	75	76	76	78	80	84	79	86	90	90	85	93	88	87		83.9	1900 EDT	
WESTMINSTER 4 SSE HARTSOCK	52	55	56	59	59	63	63	68	67	70	68	66	68	70	72	68	53	52	56	51	53	65	55	57	62	62	63	66	70	69		61.9	2400 EDT	
WESTMINSTER 5 SSE KLEIN	77	70	61	75	83	88	82	89	84	86	86	84	88	90	83	82	74	76	76	75	78	82	77	82	87	87	83	89	84	84		81.4	2200 EDT	
WESTMINSTER 5 SSE KLEIN	54	53	54	57	59	63	62	67	68	66	66	65	67	68	69	62	53	53	55	51	55	64	54	57	61	62	66	65	67	66		61.0	2400 EDT	
MILLERS 4NE MILLER	79	74	69	72	86	90	87	91	87	84	87	86	89	90	88	80	73	77	76	74	81	84	81	85	89	89	87	90	84	87		83.2	1800 EDT	
MILLERS 4NE MILLER	53	55	56	59	57	64	63	68	67	70	68	67	69	68	69	66	51	51	55	51	53	64	52	58	63	62	68	66	70	67		61.7	2400 EDT	
WESTMINSTER CITY MULLER	78	66	63	73	86	90	88	92	88	86	87	86	90	90	86	82	75	72	73	72	82	84	82	86	90	90	82	90	83	88		82.7	2200 EDT	
WESTMINSTER CITY MULLER	53	56	57	55	60	64	65	69	70	69	70	68	70	70	70	52	52	55	56	54	53	64	55	64	64	68	70	67	66	67		62.4	2400 EDT	
FREDERICK 4 N FARFAN	82	71	63	79	89	93	90	92	90	88	90	88	90	93	86	79	76	80	74	75	84	85	84	90	93	92	88	92	90	90		85.2	2400 EDT	
FREDERICK 4 N FARFAN	50	53	58	61	59	65	66	67	68	71	72	70	68	73	67	54	53	57	54	52	65	56	58	67	65	68	67	72	70		63.1	2400 EDT		
EAGLE ROCK HARVEY	72	72	52	60	79	84	84	83	82	80	82	82	80	80	83	72	60	64	70	68	72	74	74	80	84	84	82	82	84	81		76.2	0800 EST	
EAGLE ROCK HARVEY	42	48	48	50	59	58	60	60	60	64	64	62	66	59	58	42	44	51	51	50	58	52	55	60	60	62	62	62	60		56.2	2400 EDT		
FALLSTON 2 NW ALBRIGHT																																		2400 EDT

**ACON MD / DE / DC
JUNE 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	79	66	64	78	89	93	89	91	89	88	89	88	91	92	86	81	77	79	74	73	82	83	83	88	92	91	82	92	84	90		84.1	2400
GIANNOLA	53	57	59	61	63	67	66	72	72	73	71	69	73	73	76	67	59	58	59	55	55	66	59	61	64	65	69	69	69	69		65.0	EDT
POTOMAC 4N	71	67	63	76	85	89	84	90	87	86	87	86	88	91	85	88	76	78	75	72	80	80	80	86	87	90	83	91	85	88		82.5	2100
COHEN	51	57	58	61	61	66	64	65	70	72	71	67	73	71	70	62	55	53	62	56	54	62	54	59	64	64	70	67	68	68		63.2	EDT
OLNEY 1 S	76	64	64	75	84	88	84	88	85	>	87	85	88	90	87	80	75	79	73	70	82	81	80	86	>	88	83	90	83	85		81.4	2400
GIANNOLA	54	56	58	60	61	66	64	66	71	>	72	69	73	70	71	65	56	55	60	56	55	63	54	61	>	66	69	69	68	68		63.4	EDT
MONTGOMERY VILLAGE	80	67	63	79	89	95	90	95	90	88	91	89	92	95	90	84	78	82	77	73	84	83	84	88	92	90	84	93	87	90		85.3	2400
ROTH 1SW	54	58	59	61	62	67	64	66	70	72	73	71	75	71	72	67	58	55	63	57	55	65	55	62	68	67	71	69	69	69		64.7	EDT
GLENMONT 1NNE	81	66	64	79	88	94	88	94	91	89	91	89	92	92	88	82	78	81	74	73	85	82	84	90	93	92	86	94	87	87		85.1	2400
ROSSEN	52	57	59	61	60	66	66	65	70	72	72	67	73	71	70	64	55	54	59	54	53	63	55	58	63	65	69	68	70	69		63.3	EST
BETHESDA	78	65	64	78	86	89	86	90	86	83	85	84	87	89	84	81	74	78	76	71	79	80	80	83	86	87	83	89	82	86		81.6	2400
SCAFIDE	54	57	58	61	62	67	65	67	71	72	71	68	73	71	70	67	57	55	62	56	55	64	58	62	65	66	71	69	68	68		64.3	EDT
GAITHERSBURG 2WNW	81	68	63	81	89	94	87	93	88	88	91	90	93	94	90	83	78	84	78	73	86	84	85	90	92	93	87	93	89	89		85.8	2400
SHAW	51	57	58	60	60	68	64	65	69	71	72	68	74	69	73	63	54	53	60	55	53	63	53	60	64	65	68	68	70	68		63.2	EDT
FOREST GLEN	81	69	65	82	91	93	90	93	91	88	89	89	92	93	88	84	78	82	78	75	84	84	86	88	91	93	87	93	86	90		85.8	2400
TERRY	52	57	58	62	61	68	65	66	72	73	72	68	75	71	70	65	55	54	61	55	54	63	56	61	64	66	71	69	69	67		64.0	EDT
ROCKVILLE 1NE	79	62	61	76	85	89	86	89	85	84	86	84	87	89	83	78	72	77	74	70	79	80	81	85	88	87	83	91	83	86		81.3	2400
WASH GAS LIGHT	47	52	53	57	57	62	60	62	66	69	68	66	71	68	68	62	59	51	57	56	50	59	54	58	58	58	65	73	69	69		60.8	EDT
OXON HILL	79	M	M	M	M	92	M	92	90	89	89	89	91	93	90	85	79	83	80	74	84	85	85	88	90	90	85	95	86	90		86.9	2000
SMITH	53	57	M	M	M	61	M	M	71	73	71	69	74	72	73	67	58	56	62	57	55	63	62	62	64	65	72	70	68	68		64.9	EDT
HOLLYWOOD	77	66	66	78	88	91	89	91	88	87	88	88	90	93	91	88	80	82	80	75	82	83	83	86	88	88	85	93	81	87		84.4	2359
ABELL	54	58	60	62	63	69	68	68	72	73	72	69	75	73	73	63	58	54	54	59	54	67	65	64	64	66	73	71	73	68		65.4	EDT
RIDGE	73	64	65	73	87	88	84	87	86	85	85	85	90	94	91	89	82	79	78	72	81	83	81	84	85	84	83	90	79	84		82.4	2400
ZYLA	57	59	58	62	63	69	68	73	70	72	71	74	75	78	73	62	62	60	62	60	56	67	64	64	66	69	71	73	71	69		66.6	EDT
SMITHSBURG 1.5 SW	79	72	64	77	89	92	90	91	88	86	88	87	91	91	83	76	74	78	74	75	83	84	84	89	92	92	90	91	89	90		84.3	2400
HUTTO	47	53	57	60	57	63	59	62	65	68	71	68	66	71	67	64	50	48	53	52	50	59	51	56	63	61	62	65	71	68		60.2	EDT
HAGERSTOWN 1E	79	71	64	78	87	91	90	91	89	87	89	88	90	92	84	78	75	80	73	75	83	85	86	90	93	92	91	91	90	91		84.8	2400
KEEFER	49	52	57	60	58	64	61	64	66	69	71	68	69	71	68	66	54	50	57	54	52	63	55	60	67	64	65	67	72	68		62.0	EDT
SMITHSBURG 2 NE	88	73	65	80	91	94	91	94	91	86	91	88	94	95	87	83	79	83	82	82	87	88	86	91	97	98	93	97	95	93		88.1	2400
VAUGHN	53	56	58	62	62	66	62	65	70	73	74	72	69	72	71	64	53	51	52	54	54	64	56	63	69	65	66	68	73	69		63.5	EDT
SALISBURY	74	63	64	71	84	89	86	91	86	85	86	86	88	92	90	87	79	79	76	70	80	83	79	84	87	82	80	91	78	86		81.9	2400
NWS WICOMICO CO APT	44	55	58	58	55	60	66	63	64	71	66	66	71	74	63	60	50	47	56	46	42	57	56	54	55	58	69	69	70	68		59.7	EST
WASH NATIONAL	78	67	66	77	86	89	88	90	88	86	86	86	91	92	88	84	77	81	79	75	83	83	84	86	91	91	84	94	86	90		84.2	2400
NWS ASOS	57	59	60	62	65	69	67	70	73	75	73	71	75	73	75	68	61	59	64	61	60	67	64	66	67	68	74	74	68	69		67.1	EST
WASH DULLES	79	67	64	79	88	92	89	91	87	87	88	87	90	92	86	83	76	81	77	73	82	84	83	88	91	91	91	93	86	89		84.5	2400
NWS ASOS	51	55	59	60	60	66	64	63	68	72	72	67	72	68	70	61	54	51	63	53	51	62	62	63	64	62	69	67	68	67		62.8	EST
STERLING 4 N	77	68	65	77	85	90	86	90	87	85	87	86	88	90	86	80	76	78	77	71	80	80	83	87	90	88	89	91	86	86		83.0	2400
SHAFFER	54	56	60	63	63	67	66	67	70	73	74	70	74	71	70	68	59	56	61	58	55	65	60	63	64	66	69	67	68	69		64.9	EDT
DAVIS 3 SE WV	68	68	52	65	73	79	80	80	80	79	79	76	78	78	79	69	57	61	67	64	62	70	70	76	79	81	80	82	75	77		72.8	0700
LESHER	47	47	49	51	55	57	62	58	58	62	62	60	61	64	58	56	47	46	50	51	52	54	53	55	56	58	56	59	60	57		55.4	EDT

ACON MD / DE / DC
JUNE 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			0.92	0.02		0.86			0.31	T						0.05											0.81		0.01				2.98 0.0	2400 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT			0.82	0.02		0.47	0.03		T	T						T						T					0.59	T	0.32				2.25 0.0	2400 EST	
Townsend 4W, DE UoFD TOWNSEND FARM			0.88			0.73	0.06	0.13	0.04	0.04																	0.31	0.31	0.01	0.11			2.62 0.0	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT		0.01	1.50	T		0.45	0.28	0.04		0.13				T		0.09						0.27					0.01	1.00	0.47	0.13			4.38 -	2400 EST	
GEORGETOWN, DE UoFD RESEARCH & ED CTR			1.35		0.01	0.48	0.30			0.17						0.02						0.24	0.01				0.99	0.02	0.26				3.85 0.0	2400 EST	
HARBESON 8 S, DE UoFD WARRINGTON FARM			1.71			0.60	0.39	0.43		0.19						0.06						0.06	0.01				1.08	1.28	0.17				5.98 0.0	2400 EST	
FROSTBURG LATTA			0.17	0.20						0.49	0.50	0.11		0.01		0.07	0.02	T				T	0.18						0.81	0.04			2.60 0.0	0700 EST	
LAVALE MULLINS**		0.10	0.18			0.20			0.07	0.60	0.46	0.01	0.17			T						0.13						0.76	0.04	0.02			2.74 0.0	2400 EDT	
ST MARGARETS BRYANT																																		2400 EDT	
MILLERSVILLE 1SE HANSON			0.62		0.01	1.21	0.10			0.01			0.02			0.01						0.01					0.33		0.88	0.01			3.24 0.0	2400 EDT	
LOTHIAN JUG BAY	0.01		0.59	0.13	T		1.95	0.01		T							0.15	T			T		0.02	T		T	0.04	0.04		0.37			3.31 0.0	0900 EDT	
BWI NWS ASOS		0.01	0.75			1.43			0.03	T			0.07	T					0.08			0.02					0.31	0.12	0.92				3.74 0.0	2400 EST	
LAUREL 2 E STOUDT		0.02	0.67	T		1.96			0.03				0.04	T	>	>	>	>	>	>	>	>	>	>	>	>	>	>	>	0.97				3.69 0.0	2400 EST
PARKTON 5SW KREINIK			0.58	0.04			0.22		0.31							0.01						T					0.17		2.25	0.96			4.54 0.0	2200 EDT	
OWINGS MILLS 2SE SHARROW		T	0.91	T		0.40			0.24	T			0.12						T			T					0.08	0.35	0.48				2.58 0.0	2400 EDT	
BALTIMORE 2SE MANFRE			0.77	0.04		1.86			0.12				T								0.01	T					0.20	T	0.24				3.24 0.0	1800 EDT	
BALT INNER HARBOR MD SCIENCE CENTER			0.79		0.01	2.08			0.04																		0.34	0.06	0.19				3.51 -	2400 EST	
MANCHESTER 1SW CLOSE		T	0.62			0.30			0.10	0.01			0.36			T						0.03					0.04	1.26	1.12	0.02			3.86 0.0	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK			0.71	0.02		0.34			0.23	0.06			0.07									0.02					0.09	0.12	0.68	0.04			2.38 0.0	1900 EDT	
WESTMINSTER 5 SSE KLEIN			0.70	0.03		0.34			0.27				0.12									0.02					0.10	0.12	0.73	0.02			2.45 0.0	2200 EDT	
MILLERS 4NE MILLER			0.59	0.07		T	0.28		0.33	0.02			T	0.02		0.05						0.01	0.01				T	0.30	1.16	0.03			2.87 0.0	1800 EDT	
WESTMINSTER CITY MULLER			0.32			1.07			0.51													0.06						0.37	1.41	0.02			3.76 0.0	2200 EDT	
FREDERICK 4 N FARFAN		0.03	0.38			0.42			0.14				0.22			0.02			T			0.05	0.01				0.04	0.16	0.42				1.89 0.0	2400 EDT	
EAGLE ROCK HARVEY			0.12	0.15			0.30			0.01	0.20			0.30	0.05	T	0.18					0.23	0.13							0.02	0.11			1.80 0.0	0800 EST
FALLSTON 2 NW ALBRIGHT																																		2400 EDT	

**ACON MD / DE / DC
JUNE 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		T	0.69			0.71			0.15	0.01			0.05								0.03					0.06		0.85	0.01		2.56 0.0	2400 EDT	
POTOMAC 4N COHEN			0.53			0.80			T				T								0.55						0.20	1.35	T		3.43 0.0	2100 EDT	
OLNEY 1 S GIANNOLA		T	0.59			0.85			0.11				0.07								0.40					T	T	1.34			3.36 0.0	2400 EDT	
MONTGOMERY VILLAGE ROTH 1SW			0.51			0.83							0.16								0.75					0.02		1.08	0.03		3.38 0.0	2400 EDT	
GLENMONT 1NNE ROSSEN		0.02	0.62			0.86			0.04	T			0.01	0.02							0.09					0.02	T	0.94			2.62 0.0	2400 EST	
BETHESDA SCAFIDE		0.01	0.52			1.22			0.02				0.02	0.18							0.15							1.16			3.28 0.0	2400 EDT	
GAITHERSBURG 2WNW SHAW		T	0.38			1.50			0.03	0.01			0.14								1.12					0.06	T	2.27			5.51 0.0	2400 EDT	
FOREST GLEN TERRY		0.01	0.71			1.41	0.03		0.03	0.48			0.01	0.05							0.07					0.05	0.01	1.17			4.03 0.0	2400 EDT	
ROCKVILLE 1NE WASH GAS LIGHT		0.01	0.39			0.98			0.03				0.47								0.38					T		0.56			2.82 0.0	2400 EDT	
OXON HILL SMITH		0.02	0.58			1.03			0.07	T			T			T					0.03					0.11	0.01	1.38			3.23 0.0	2000 EDT	
HOLLYWOOD ABELL		0.07	0.71			0.28	0.96		0.01	0.03						0.36					T					0.12	0.44	0.28	0.05		3.31 0.0	2359 EDT	
RIDGE ZYLA		0.11	1.18				1.10			0.19						T					T					0.01	0.40	0.17	0.06		3.22 0.0	2400 EDT	
SMITHSBURG 1.5 SW HUTTO			0.41			0.86	T		0.06	0.01			0.02								0.08							0.50			1.94 0.0	2400 EDT	
HAGERSTOWN 1E KEEFER			0.30			1.23	0.01		0.04	0.02			T								0.06							0.46			2.12 0.0	2400 EDT	
SMITHSBURG 2 NE VAUGHN		0.01	0.17			0.72	0.01		0.07				0.01								0.15							0.64	0.04		1.82 0.0	2400 EDT	
SALISBURY NWS WICOMICO CO APT	0.01	0.04	2.20			0.53	0.64			T						T			0.01		T					1.42	0.01	1.72			6.58 0.0	2400 EST	
WASH NATIONAL NWS ASOS		0.04	0.64			1.00	0.01		T				0.05			T					0.03					0.06	0.01	1.03			2.87 0.0	2400 EST	
WASH DULLES NWS ASOS		0.01	0.36	T		0.24			0.05	T			0.15	0.09							0.01						0.33	0.67	0.01		1.92 0.0	2400 EST	
STERLING 4 N SHAFFER		T	0.60	T		0.91	0.10		0.44	0.01			1.08	0.07							0.18					0.01	0.02	0.80	0.01		4.23 0.0	2400 EDT	
DAVIS 3 SE WV LESHER			0.18				T		T	0.15	0.02	0.39		0.02	0.25	0.08	0.33				T	0.19						0.05	0.06		1.72 0.0	0700 EDT	