



<http://www.jhuapl.edu/weather/education/ACONdata.html>

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

TROPICAL DOWNPOURS BRING FLOODING AND RECORD RAINS AT SOME LOCATIONS.

June 2006 will be remembered for the torrential downpours which occurred from the 25th to 27th. Record to near record precipitation fell at many but not all locations east of the mountains. Temperatures averaged near average.

NWS National Airport set broke the daily record of 1.60" for the 25th which stood since 1871 when 5.19" fell. This was its wettest day since Agnes (6/21/1972). Other records set were:

- 24 Hour precip 7.94" on the 24-25
- 2 Consecutive days - 9.41" on 25-26
- 2 Consecutive days with =>4"
- 7 Day total of 11.37" on the 22-28
- Wettest June 14.02"

The first period of heat which began around Memorial Day ended on the first. Temperatures ranged from the upper 80-'s to mid 90's. Strong to severe thunderstorms bringing heavy downpours moved across portions of the region. **Dave Bryant of Annapolis 2 N** reported 2.23". The second was cloudy and humid. Heavy thunderstorms also occurred during the evening. **Kevin Shaw of Gaithersburg 2 WNW** reported his second consecutive day with over 1" of rain. 3.96" fell at the **U of D Research Center in Georgetown, DE (Dean Dey)** and 2.32" at **Sterling 4 N VA (Lance Shaffer)**.

The next week and a half (3rd - 15th) saw pleasant temperatures, maximums in the 70's to lower 80's and minimum in the 50's to lower 60's. Upper 40's occurred on the morning of the 11th. Two locations recorded a reading below 40: **Dave Leshner of Davis 3 SE WV** 37 and **NWS Salisbury Wicomico Co Airport** 39. Showers occurred with frontal passages on the 9th and 12th. Amounts were generally less than a half inch. Tropical Storm Alberto, which was drawn northeast off the coast by an approaching cold front from

the west on the 14th, brought rain to the extreme southeastern portion of the region - St Marys County MD, Sussex County DE, and Maryland's Lower Eastern Shore. **John Zyla of Ridge** measured 0.83", the greatest by an ACON observer.

Summer conditions began to move back into the region after the 16th. 90 degree readings were common east of the mountains on the 17th, 18th, 19th, and 22nd. Thunderstorms on the 19th brought generally 1/4" or less rain at most locations. The heaviest ones dropped an inch or more on the eastern side of Washington DC. **Brian Smith of Oxon Hill** measured 2.49" , **Karyn Molines of Jug Bay Wetlands**, 1.81" and **Jeff Stoudt of Laurel 2 E** 1.10". 1.99" fell at **NWS National Airport**.

A stalled frontal system with moist tropical air to the east resulted in intense tropical downpours stalled over many portions of the region.

Flooding rains fell on the morning of the 25th in west central Sussex County DE and adjacent Maryland. Severe flooding resulted. According to the media **Federalsburg MD** received 10 inches in less than 24 hours.

Flooding tropical downpours hit the Washington DC area the night of the 25th and morning of the 26th. A State of Emergency was declared in the District of Columbia as a result of severe flooding. In **Montgomery County** 2,000 people who lived below the **Lake Needwood Dam** were evacuated for fears that the dam may fail because the lake rose 23 feet above flood stage.

According to press reports five (5) people died as the result of the rainfall in **Frederick County**. **Stan Rossen** reported that a pizza delivery driver who was on his way home was swept away

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Fredrick 3 WNW	100
Baltimore 2 SE	98
Mont Village 1 SW	96
Gaithersburg 2 WNW	96
Forest Glen	96
Smithsburg 2 NE	96

MINIMUM TEMPERATURE

Davis 3 SE WV	37
Eagle Rock	40

WARMEST AVG. TEMP.

Baltimore 2 SE	76.0
Annapolis 2 N	74.1

COLDEST AVG. TEMP.

Davis 3 SE WV	60.4
Eagle Rock	63.4

MAXIMUM PRECIPITATION

Gaithersburg 2 WNW	15.15
Glenmont 1 NNE	13.85
Bethesda	13.54

MINIMUM PRECIPITATION

Frostburg	3.45
LaVale	5.06
Eagle Rock	5.07

on **Colesville Rd** and killed in flash flooding the night of the 25/26th. His body was not found until July.

Below are 4 days totals (25th to 28th) reported by ACON observers:

Lynn Albright	Fallston 2NE	18.61
Tony Scaffide	Bethesda	12.27
Stan Rossen	Glenmont 1 NNE	12.11
Wash Gas Light	Rockville 1 NE	11.95
Joe Terry	Forest Glen	10.84
Rich Giannola	Olney 1 S	10.69
Kevin Shaw	Gaithersburg 2WNW	8.94

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Max Hutto	Smithsburg 1.5 SW	8.93
Rich Giannola	JHU/APL	8.69
David Roth	Mont Village 1SW	8.68
Greg Keefer	Hagerstown 1 E	8.62
Jeff Stoudt	Laurel 2 E	8.45
Jim Vaughn	Smithsburg 2 NE	8.32
Greg Klein	Westminster 5SSE	8.13*

Dave Bryant Annapolis 2 N 7.99

* = 24th-28th

The rains ended on the 29th. The last day of the month was dry with seasonal temperatures.

OBSERVER COMMENTS FOR JUNE 2006

Gary Gallaher of Bear 2 SW, DE

2nd wettest June in 38 years of records for June. Wettest June is 8.94" which was set in 2003

1st - Hot. Heavy strong thunderstorm ~8:30—9:30 PM.

21st - Low humidity, Nice!

26th - Very heavy rain ~4 - 5 PM.

Nate Mullins of LaVale

1st - Strong, slow moving thunderstorms formed overhead this afternoon around 2:30 PM producing hail and heavy downpours. The heaviest of the storms were from 2:30 - 3:15 PM.

11th - Cool low 46 F then mostly sunny, pleasant.

22nd - Small intense thunderstorm moved in around 9 PM with hail and brief but very heavy rain.

Dave Bryant of Annapolis 2 N

1st - Severe thunderstorm 8:30 - 10 PM.

19th - Severe thunderstorm ~8:30 PM.

25th, 26th, & 27th - Heavy rain & some thunder each day.

Jeff Stoudt of Laurel 2 E

Wettest month. Old record was 9.99" set in Sept 2003.

19th - Slow moving t-storms in area 1500 to 1900.

25th & 26th - Two day rainfall (7.32") nearly equaled the two day total (7.44") from last October.

Al Kreinik of Parkton 5 SW

4th - Clear AM, partly cloudy PM.

9th - Thunderstorm with brief heavy rain.

25th - Series of storms with heavy rain.

Marty Sharrow of Owings Mills

Lots of rain here in Owings Mills but fortunately no major flooding other than on the nearby Jones Falls, where there was one water rescue.

5th - Mix of sun and clouds and pleasant.

18th - Sunny, breezy, and hot.

25th - Overcast with heavy late day and evening storms.

Joe Manfre of Baltimore 2SE

12 days with thunder.

20th - Cloudy, AM light shower, sunny late, a little less humidity.

Herb Close of Manchester 1 SW

9.67" fell 10 miles south at Finksburg 2 NW, my parents home where widespread ponding was reported the evening of the 24th and on the 27th.

Greg Klein of Westminster 5 SSE

24th - 2 inches of rain in just 20 minutes during an intense evening thunderstorm.

Bobby Miller of Millers 4 NE

4th Wettest of 25. The last week saw flooding rains in the central and western parts of Carroll County, none locally.

2nd & 3rd -- Thunderstorms with heavy rain the evening of the 2nd till 1 AM of the 3rd.

29th - Evening thunder with 3/8" hail at 7:40 PM.

Ray Muller of Westminster City

9 days with thunder, most recorded here in the City.

Rebecca Harvey of Eagle Rock

5 days with thunder.

Rich Giannola of JHU/APL

25th --Rained 4.93" in two hours (7:30-9:30 PM)

Rob Cohen of Potomac 4 N

Wettest month on record. Data from 6/23 through 6/30 is estimated based largely on data from McGinnis, located approximately 1 1/4 miles due north.

Rich Giannola of Olney 1 S

25th & 26th - 4.63" of rain fell between 7 PM of the 25th and 6 AM of the 26th from showers and thunderstorms.

26th - An additional 3.16" of rain fell between 6 AM and 10:10 PM.

29th - Double rainbow at 6:25 PM.

Stan Rossen of Glenmont 1 NNE

The monthly prec. total of 13.85" is not only the highest June prec. amount on record here, but the greatest monthly prec. total in almost 30 years of record. The old June record was 7.32" in 2003. The old wettest month was September 1999 when 12.26" fell. During the past twelve months (July 2005-June 2006) 51.95" of prec. has fallen. This is very deceiving as 33.97" of that total fell in just three months, July 2005: 8.60", October 2005: 11.52", & June 2006: 13.85"). On the flip side two of the three driest months on record here have occurred in the past year: September 2005: 0.16" the 3rd driest, and March 2006: 0.07", the driest.

Kevin Shaw of Gaithersburg 2 WNW

Wettest month ever! Old record was 11.54" which fell in September 1999.

25th - Third wettest day in station history with 4.09". Daily record is 5.41 which fell on September 5, 1979.

25th & 26th - 6.80" of rain, a new record two day precipitation total. Old record was 6.12" set on 6/18-19/1996.

Joe Terry of Forest Glen

Wettest June and second wettest month in station history.

10th - Spectacular weather for mid-June. Falling dew points all day to as low as the low 40's.

11th - 45° minimum temperature is the coldest so late in the

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OBSERVER COMMENTS FOR JUNE 2006

(Continued from page 2)

season and the lowest June temperature in station history.

25th & 26th - Quite a deluge! The 25th has become the wettest day in station history. Over 9" in two days. ~6 hours of continuous heavy rain from numerous thunderstorm cells which dumped 4.31" starting early evening of the 25th.

Brian Smith of Oxon Hill

25th - -SHRA/TSRA 0000-1400 0.79" rain fell. Series of +TSRA 2100-2400, 3.00" rain fell.

26th -+TSRA 0000-0530, 1.49" rain fell. More SHRA/TSRA 1200-2400.

Floyd Abell of Hollywood

14th - Fringe of Tropical Storm Alberto. Rainy day, fair evening.

25th - Very heavy rain before dawn shower, 2.21" fell.

John Zyla of Ridge

14th - Tropical Storm Alberto brought 0.83" of rain.

Max Hutto of Smithsburg 1.5 SW

7th, 8th, 9th - AM patchy fog

27th - PM extremely heavy downpours, flooding of area roads.

Greg Keefer of Hagerstown 1 E

Third wettest June with 10.69". Wettest is 11.57" which fell in 1928. Records date back to 1898.

1st - Hazy, hot, and humid. Intense thunderstorm this evening 6:30—7:30 PM with quick heavy rain, intense sharp close lightning, and loud thunder. Wind gusted to 38 MPH.

Several thunderstorms passed nearby today with dark skies, thunder, and strong winds but no rain. Around 2 PM strong winds from a storm to the SW gusted to 48 MPH.

25th - Torrential downpours from showers and thunderstorms between 3:30-5pm with 2.5" in that period.

26th - More heavy rains overnight with torrential downpours between 3-5:30am with another 2.20" of rain. Many roads flooded and creeks out of their banks.

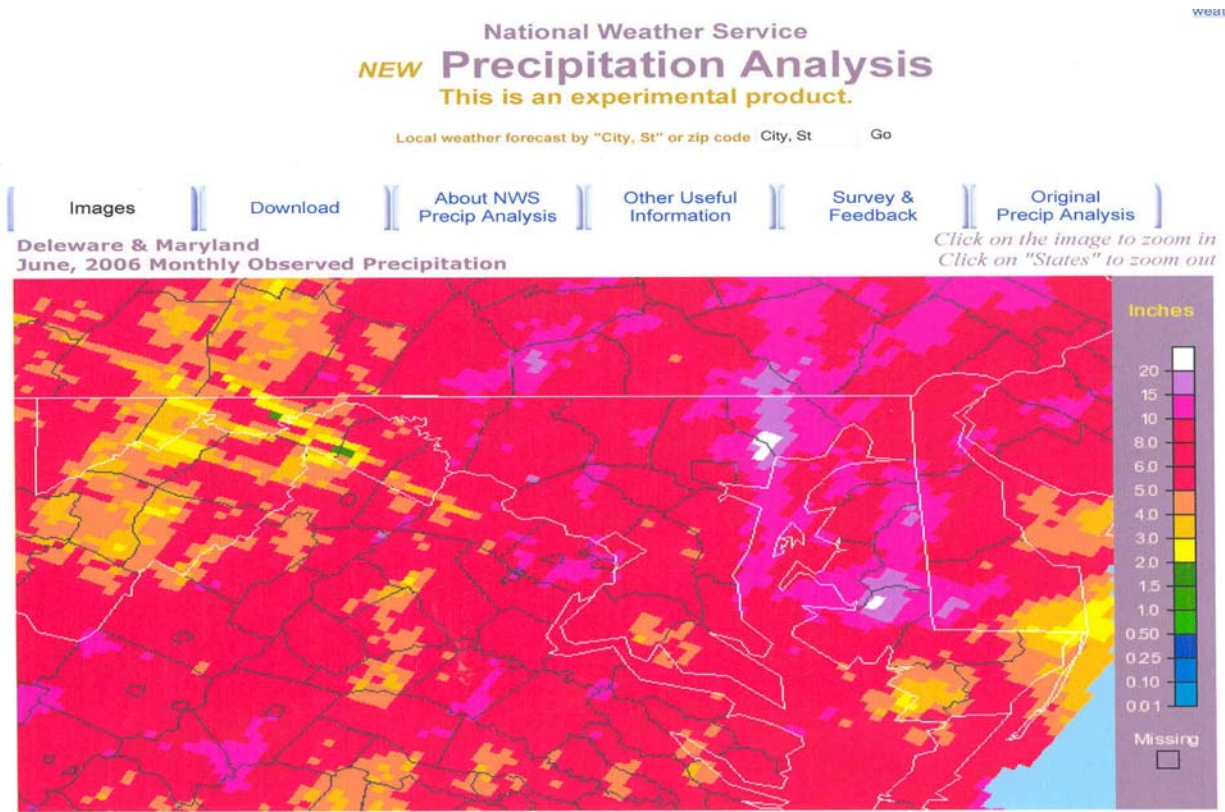
27th - More torrents of rain this afternoon from thunderstorms and tropical cloudbursts. Nearly 2 inches of rain fell 1:30-2pm. One inch fell in 10 minutes. Flash flooding everywhere.

Jim Vaughn of Smithsburg 2 NE

11.14" second wettest June and 4th wettest month ever. June's and the all-time monthly record is 12.92" set in 1996.

27th - 4.08" is the third greatest daily June rainfall. Record is 6.00" set 6/19/1996. Three people drown on the other side of the mountain.

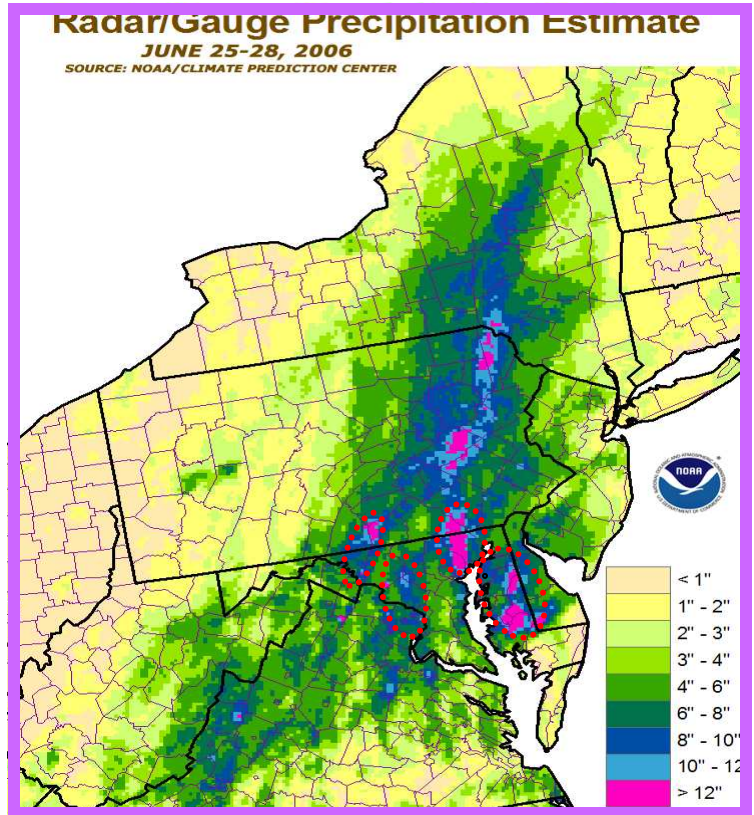
Rich Giannola supplied an article from the Olney Gazette (6/28/06) on the rainstorms in late June. Here is also the link to that article that includes a couple of photos: http://www.gazette.net/stories/062806/olnnew200054_31939.shtml.



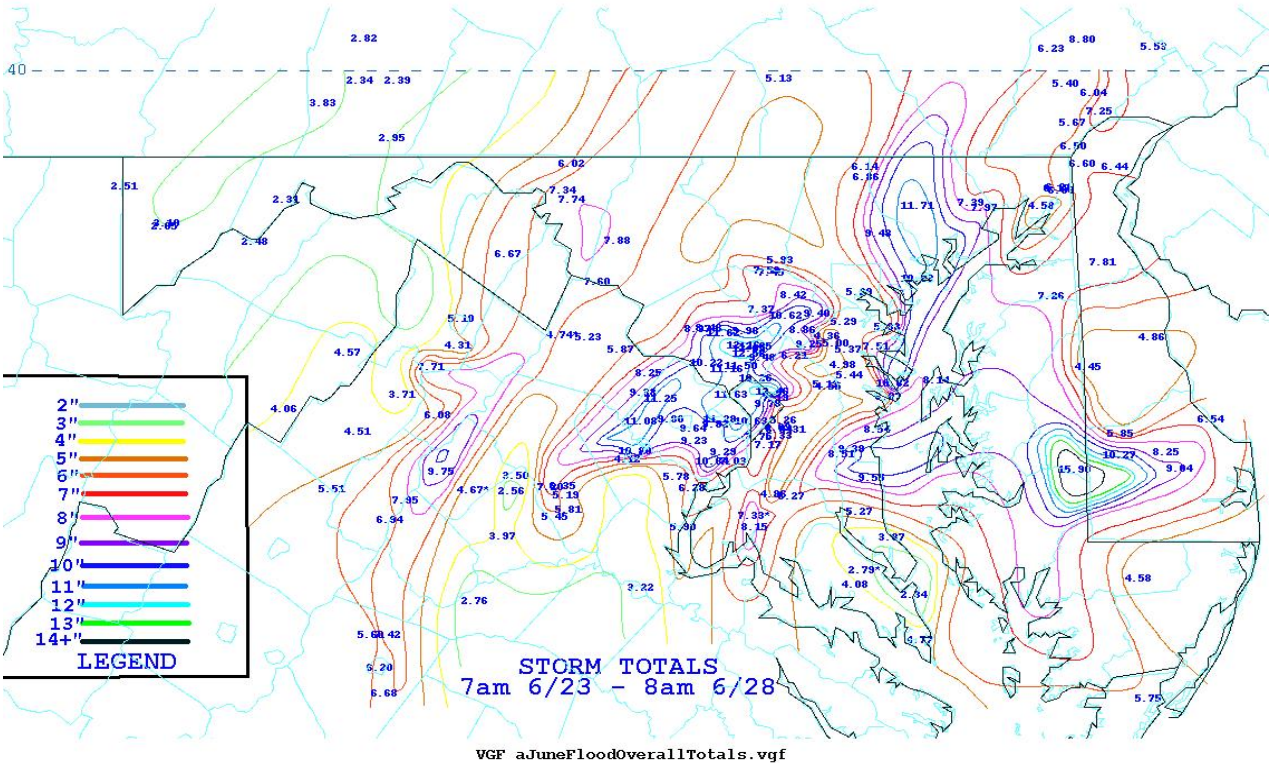
MONTHLY ESTIMATED RADAR PRECIPITATION SUMMARY FOR JUNE 2006

Right—Radar estimate for June 25 to 28 for the Northeast.

Note: Zoom in for more detail. Areas within a dashed oval represents areas in Maryland and Delaware which received the heaviest rainfall.



Below—Storm Analysis done by Gregg Gallina supplied by Brian Smith. It is based only on reports received.



**NATIONAL WEATHER SERVICE BALTIMORE MD/WASHINGTON DC
1230 PM EDT TUE JUN 27 2006 ***

THE FOLLOWING ARE UNOFFICIAL OBSERVATIONS TAKEN DURING THE PAST 24 HOURS FOR THE STORM THAT HAS BEEN AFFECTING OUR REGION. APPRECIATION IS EXTENDED TO HIGHWAY DEPARTMENTS...COOPERATIVE OBSERVERS...SKYWARN SPOTTERS AND MEDIA FOR THESE REPORTS. THIS SUMMARY IS ALSO AVAILABLE ON OUR HOME PAGE AT WEATHER.GOV/BALTIMORE

NOTE: THIS SUMMARY IS A 4-DAY TOTAL STRETCHING FROM 7 AM EDT FRIDAY JUNE 23 THROUGH 7 AM EDT TUESDAY JUNE 27. COOP OBSERVATIONS WILL BE ADDED LATER THIS AFTERNOON.

*****4-DAY STORM TOTAL RAINFALL*****

LOCATION	STORM TOTAL	TIME/DATE	COMMENTS	RAINFALL
<u>MARYLAND</u>				
ANNE ARUNDEL COUNTY...				
LAUREL ACRES	8.26	700 AM 6/27	COCORAHS --	2.7E
OWINGS BEACH	4.48	815 AM 6/27	IFLOWS	
HILLSMERE ESTATES	4.20	815 AM 6/27	IFLOWS	
BALTO/WASH INTL	4.13	800 AM 6/27	BWI AIRPORT	
BALTIMORE COUNTY...				
BOWLEYS QUARTERS	7.00	700 AM 6/27	COCORAHS --	0.5 ENE
CALVERT COUNTY...				
DUNKIRK	8.05	700 AM 6/27	COCORAHS --	3.2 NNE
MARLTON	7.99	700 AM 6/27	COCORAHS --	6.0 E
CHARLES COUNTY...				
PORT TOBACCO VILLAGE	7.33	700 AM 6/27	COCORAHS --	1.6N
WALDORF	5.52	700 AM 6/27	COCORAHS --	3.6 SSE
WALDORF	4.36	700 AM 6/27	COCORAHS --	3.2 SW
HARFORD COUNTY...				
BEL AIR	12.29	1200 AM 6/27	TOTAL SINCE SAT	
BEL AIR	11.46	700 AM 6/27	COCORAHS --	0.8 NW
HOWARD COUNTY...				
COLUMBIA	10.10	700 AM 6/27	COCORAHS --	1.7 W
ELKRIDGE	8.72	700 AM 6/27	COCORAHS --	1.8 W
JESSUP	7.86	700 AM 6/27	COCORAHS --	3.0 W
ELLCOTT CITY	7.82	700 AM 6/27	COCORAHS --	1.3 WSW
MONTGOMERY COUNTY...				
COLESVILLE	11.65	700 AM 6/27	SINCE 4PM SAT	
COLESVILLE	11.29	700 AM 6/27	COCORAHS --	1.1 NNW
GLENMONT	10.88	700 AM 6/27	COCORAHS --	1 NNE
NORBECK	10.41	700 AM 6/27	COCORAHS --	1.0 SE
KENSINGTON	10.21	700 AM 6/27	COCORAHS --	0.1 W
TAKOMA PARK	9.46	700 AM 6/27	COCORAHS --	0.6 NNW
POTOMAC	9.27	700 AM 6/27	COCORAHS --	0.9 NNW
PRINCE GEORGE'S COUNTY...				
HYATTSVILLE	11.91	700 AM 6/27	COCORAHS --	0.4 S
BLADENSBURG	6.75	815 AM 6/27	IFLOWS	
<u>VIRGINIA</u>				
ARLINGTON COUNTY...				
WASHINGTON/NATL	12.11	800 AM 6/27	REAGAN-NATIONAL AIRPORT	
FAIRFAX COUNTY...				
WASH DC/DULLES	9.69	800 AM 6/27	DULLES AIRPORT	
HERNDON	9.60	700 AM 6/27	COCORAHS	3.3 S
CENTREVILLE	9.38	700 AM 6/27	COCORAHS-	1.0 W
LAKE BARCROFT	9.30	700 AM 6/27	COCORAHS -	0.5NE
FRANCONIA	8.12	700 AM 6/27	COCORAHS -	1.3 SSE
MANTUA	7.89	700 AM 6/27	COCORAHS -	1.4 S
WEST SPRINGFIELD	7.18	700 AM 6/27	COCORAHS-	0.7 W
MANASSAS GAP PARK	4.23	815 AM 6/27	IFLOWS	

* Edited to remove stations outside the ACON MD/DE/DC region.

**PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE BALTIMORE MD/WASHINGTON DC
305 PM EDT WED JUN 28 2006**

...A PROLIFIC FLOODING EVENT EAST OF THE MOUNTAINS...

TROPICAL AIR SURGING NORTHWEST FROM THE ATLANTIC CONTINUALLY RAN INTO A STATIONARY FRONT OVER THE MID ATLANTIC STATES LATE LAST WEEK THROUGH LAST NIGHT. THE RESULT WAS FOUR TO FIVE DAYS OF SHOWERS AND THUNDERSTORMS...THAT DUE TO THE TROPICAL AIR PRODUCED EXCEPTIONALLY HEAVY RAIN IN SHORT PERIODS OF TIME. THIS HIGH RAINFALL RATE COMBINED WITH THUNDERSTORMS THAT IN A FEW CASES CONTINUALLY REFORMED OVER THE SAME AREA... PRODUCING EXCEPTIONALLY HEAVY RAINFALL. WHILE ALL OF THE AREA HAD AT LEAST TWO INCHES OF RAIN... SOME OF THE PLACES THAT HAD REFORMING OR TRAINING THUNDERSTORMS HAD OVER TEN INCHES.THE DELMARVA HAD THOSE CONDITIONS SATURDAY NIGHT AND SUNDAY...AND PLACES LIKE FEDERALSBURG MARYLAND HAD TO BE EVACUATED WHEN OVER TEN INCHES FELL IN 24 HOURS. WASHINGTON AND COLUMBIA MARYLAND HAD THOSE CONDITIONS ON SUNDAY AND SUNDAY NIGHT AND SEVEN TO TEN INCHES OF RAIN FELL IN 24 HOURS. WASHINGTON HAD SEVERAL FEDERAL BUILDINGS CLOSED...A MUDSLIDE OVER THE BELTWAY...DOZENS OF ROADS CLOSED...AND CARS SWEEPED FROM PARKING GARAGES AND STREETS.NORTHEAST MARYLAND JUST EAST AND NORTHEAST OF BALTIMORE HAD THESE CONDITIONS ON SUNDAY NIGHT... AND AGAIN SEVEN TO TEN INCHES OF RAIN FELL IN 24 HOURS. MANY SWIFT WATER RESCUES WERE NEEDED AND DOZENS OF BUILDINGS AND HOMES WERE DAMAGED FROM FLOODING.

WASHINGTON...

THE WASHINGTON METRO AREA HAD A RECORD BREAKING RAIN EVENT. THE HEAVIEST OF THAT RAIN CAME LATE SUNDAY INTO EARLY MONDAY MORNING. A THUNDERSTORM CONTINUALLY REFORMED OVER THE METRO AREA FOR SEVERAL HOURS LEAVING SEVERAL INCHES OF RAIN IN JUST A FEW HOURS... AND HELPED TO BREAK WASHINGTON/S 24 HOUR PRECIPITATION RECORD.RECORDS FELL AS THE RAINFALL MOUNTED...

24 HOUR RAINFALL RECORD...7.94 INCHES SUN/MON
RECORD RAINFALL FOR A WEEK...11.20 INCHES
RECORD RAINFALL FOR A 2 DAY PERIOD...9.41 INCHES
DAILY RAINFALL RECORD FOR SUNDAY THE 25TH...5.19 INCHES
DAILY RAINFALL RECORD FOR MONDAY THE 26TH...4.22 INCHES
FIRST TIME MORE THAN FOUR INCHES ON TWO CONSECUTIVE DAYS.
RECORD RAINFALL FOR JUNE...13.85 INCHES *SO FAR

FIVE TO TEN INCHES WAS FAIRLY COMMON ACROSS THE WASHINGTON METRO AREA. THE LOWEST AMOUNTS WERE OVER THE EASTERN SUBURBS AROUND CROFTON... BOWIE... LARGO... AND UPPER MARLBORO. THE HIGHEST AMOUNTS WERE OVER EASTERN MONTGOMERY... THE CITY AND IMMEDIATE WESTERN SUBURBS... FAIRFAX. AND MANASSAS.

BALTIMORE...

WHILE BWI AIRPORT AND THE INNER HARBOR DID NOT HAVE QUITE AS MUCH RAIN AS WASHINGTON... IT STILL WAS EXCESSIVE. AND IN FACT MANY OF THE SUBURBS HAD MORE RAIN THAN EITHER THE INNER HARBOR OR BWI AIRPORT... WHICH BOTH HAD A LITTLE OVER FIVE INCHES OF RAIN OVER THE WEEKEND AND EARLY THIS WEEK. EAST OF THE CITY HAD OVER 10 INCHES OF RAIN FOR THE WEEK...AND NORTH BEL AIR HAD NEARLY TWELVE INCHES. FIVE TO TEN INCHES WAS FAIRLY COMMON ACROSS THE BALTIMORE METRO AREA. THE LOWEST AMOUNTS WERE OVER THE SOUTHERN CITY AND MUCH OF WESTERN ANNE ARUNDEL COUNTY. THE HIGHEST AMOUNTS WERE OVER EASTERN BALTIMORE COUNTY AND HARFORD COUNTY... WITH ANOTHER MAXIMUM AROUND LAUREL WESTERN HOWARD AND MOUNT AIRY.RECORDS AT BWI AIRPORT...DAILY RAINFALL RECORD FOR SUNDAY THE 25TH...2.75 INCHESMANY OF THE BALTIMORE EXCESSIVE PRECIPITATION RECORDS WERE SET IN AUGUST 1955 WHICH INCLUDED THE REMNANTS OF HURRICANES CONNIE AND DIANE.THE PREVIOUS VERSION OF THIS PUBLIC INFORMATION STATEMENT HAS STORM TOTAL PRECIPITATION FROM ACROSS THE REGION.



On Friday, June 23 at 8:00 PM, there was a thunderstorm just north of Washington, DC. From my vantage point in Olney, I pointed the camera to the south and snapped this photo of the CB clouds associated with that thunderstorm. What prompted me to take the photos was the thin, ice crystal cap draped across the top of the CB cloud. I don't often see that. Enjoy!

Photo by **Rich Giannola** of **Olney 1 S**

**ACON MD / DE / DC
JUNE 2006 SUMMARY**

OBSERVER	STATION COUNTY, STATE	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
<u>New Castle, Delaware</u>																								
Gallaher, Gary	Bear 2 SW	80.3	60.3	70.3	91	1	49	11+	2	0	0	49	NW	1	8.54	2.53	26	19.95	16	3	0.0	0.0	21.9	2400
Gallaher, Steven	North St. Georges	81.3	63.5	72.4	94	18	50	11	3	0	0				9.24	3.82	26	19.80	13	3	0.0	0.0		2200
NWS Wilmington	New Castle Co. Apt.	80.0	62.6	71.3	90	18	51	11	1	0	0	40	WSW	29	9.40	3.27	26	22.79	14	3	0.0	0.0	22.1	2400
U of DE DEOS	UofD AG Farm Newark, DE	80.7	61.7	71.2	92	1	49	11	3	0	0	20		23	9.95	2.51	26	21.66	16	4				2400
U of D Townsend Farm	Townsend 4 W	80.0	61.3	70.7	91	18	50	11	2	0	0	27		10	11.04	3.29	26	19.26	18	5				2400
<u>Sussex, Delaware</u>																								
NWS Georgetown	Sussex Co. Airport	81.6	63.7	72.7	92	1	51	11	3	0	0	43	SSE	28	14.07	7.59	25	23.49	17	2				2400
U of D Research & Ed Ctr	Georgetown	80.6	63.2	71.9	90	1+	51	11	2	0	0				13.38	5.26	25	22.00	14	4		6.7	2400	
U of D Warrington Farm	Harbeson 8 S	80.5	61.8	71.2	92	22	49	11	2	0	0				7.03	2.57	25	16.78	14	2		3.7	2400	
<u>Allegany, Maryland</u>																								
Latta, Greg	Frostburg	74.7	54.1	64.4	88	1	43	11	0	0	0				3.45	0.84	23	18.73	14	0	0.0	0.0	47.9	0700
Mullins, Nate**	LaVale	79.9	58.5	69.2	93	18	42	11	3	0	0				5.06	1.48	1	17.43	14	1	0.0	0.0	27.0	2400
<u>Anne Arundel, Maryland</u>																								
Bryant, Dave	Annapolis 2 N	80.6	67.5	74.1	91	22	59	11	2	0	0				12.71	3.03	27	22.43	9	4		6.5	2400	
Hanson, Dan	Pasadena 3 SW	83.7	62.3	73.0	95	18	47	11	5	0	0	27	ESE	27	9.31	3.67	27	21.06	15	2	0.0	0.0	11.3	2400
Jug Bay Wetlands	Lothian	84.7	61.7	73.2	94	19	44	11	5	0	0				8.15	1.88	26	19.58	14	3	0.0	0.0	10.8	0900
NWS Baltimore	BWI Airport	83.7	62.4	73.1	95	18	49	11	6	0	0	30	WNW	28	7.32	2.75	25	18.50	15	2	0.0	0.0	19.6	2400
Stoudt, Jeff	Laurel 2 E	83.0	63.1	73.1	94	18	52	11	5	0	0				11.86	4.66	25	24.28	13	4	0.0	0.0	22.0	2400
<u>Baltimore, Maryland</u>																								
Kreinik, Al	Parkton 5 SW	80.5	59.4	70.0	91	18	49	16	3	0	0				7.85	3.50	25	21.66	12	2	0.0	0.0	22.3	2200
Sharrow, Marty	Owings Mills 2 SE	81.2	60.6	70.9	92	1+	48	11	2	0	0				10.40	2.76	25	22.99	15	5	0.0	0.0	28.6	2400
<u>Baltimore City, Maryland</u>																								
Manfre, Joe	Baltimore 2 SE	85.1	66.9	76.0	98	18	55	11	11	0	0				7.22	1.88	27	17.96	15	2	0.0	0.0	16.6	1800
Maryland Science Ctr	Baltimore Inner Harbor	84.5	66.9	75.7	97	18	55	11	9	0	0				7.30	2.08	25	18.42	12	2				2400
<u>Carroll, Maryland</u>																								
Close Jr, Herb	Manchester 1 SW	80.1	61.1	70.6	92	18	48	11	2	0	0				6.12	2.31	26	19.63	14	1	0.0	0.0	25.3	2300
Hartsock, Ralph	Westminster 4 SSE																	7.48					23.5	1800
Klein, Greg	Westminster 5 SSE	79.4	59.8	69.6	90	1	48	11	1	0	0				10.92	2.51	25	24.58	14	3	0.0	0.0	28.1	2200
Miller, Bobby	Millers 4 NE	79.3	59.6	69.5	89	18	48	11	0	0	0	36	W	20	5.86	2.42	26	20.95	14	2	0.0	0.0	28.0	1800
Muller, Ray	Westminster City	81.8	61.8	71.8	94	22	49	11	3	0	0				10.66	2.24	28	23.61	15	3	0.0	0.0	26.3	1900
<u>Frederick, Maryland</u>																								
Lawrence, Bryon	Frederick 3 WNW	85.3	61.6	73.5	100	18	51	16	7	0	0				6.15	1.90	27	17.93	16	2	0.0	0.0	20.6	2300
<u>Garrett, Maryland</u>																								
Harvey, Rebecca	Eagle Rock	73.7	53.1	63.4	89	18	40	11	0	0	0				5.07	1.13	26	17.41	17	1	0.0	0.0	114.4	0800
<u>Harford, Maryland</u>																								
Albright, Lynn	Fallston 2 NW																							2400
<u>Howard, Maryland</u>																								
Giannola, Rich	Laurel JHU / APL	82.3	63.5	72.9	94	22	53	11	4	0	0	50	SSW	1	11.35	6.38	25	18.29	14	2	0.0	0.0	23.2	2400
<u>Montgomery, Maryland</u>																								

**ACON MD /DE / DC
JUNE 2006 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	SEA- SON
Cohen, Rob	Potomac 4 N	80.1	61.8	71.0	91	18	51	11	3	0	0				<i>12.81</i>	<i>5.40</i>	25	21.16	13	3	0.0	0.0		24.4	2100
Giannola, Rich	Olney 1 S	80.8	62.3	71.6	93	22	49	11	2	0	0				11.90	9.03	25-26	19.64	12	2	0.0	0.0		24.2	2400
Roth, David	Montgomery Village 1SW	83.6	63.1	73.4	96	18	55	11+	7	0	0	14		7	12.58	3.55	25	20.15	14	4	0.0	0.0		19.4	2400
Rossen, Stan	Glenmont 1 NNE	82.6	61.8	72.2	94	18+	48	11	6	0	0				13.85	7.88	25	21.17	15	3	0.0	0.0		21.1	2400
Scafide, Tony	Bethesda	79.9	62.8	71.4	91	22	52	11	2	0	0				13.54	4.68	25	19.19	15	4					2400
Shaw, Kevin	Gaithersburg 2 WNW	83.2	60.9	72.1	96	22	51	11	6	0	0				15.15	4.09	25	22.11	17	5	0.0	0.0		20.1	2400
Terry, Joe	Forest Glen	84.2	61.8	73.0	96	22	45	11	7	0	0	31	W	9	12.33	5.59	25	19.96	14	3	0.0	0.0		22.1	2400
Wash Gas Light	Rockville 1 NE	82.3	63.1	72.7	96	18	53	11	5	0	0				13.30	5.15	26	19.21	11	3	0.0	0.0	<u>1.0</u>	2400	
	<i>Prince Georges, Maryland</i>																								
Smith, Brian	Oxon Hill	83.9	64.5	74.2	94	22	55	11	5	0	0				12.28	3.79	25	21.47	12	3	0.0	0.0		20.4	2400
	<i>St. Marys, Maryland</i>																								
Abell, Floyd	Hollywood	82.8	64.0	73.4	94	22	51	11	4	0	0	32		23	7.19	2.41	23	14.14	16	2	0.0	0.0		14.4	2400
Zyla, John	Ridge	81.6	66.0	73.8	92	22	54	12	2	0	0	18	N+	3+	7.41	1.51	23	15.09	14	3	0.0	0.0		10.5	2400
	<i>Washington, Maryland</i>																								
Hutto, Max	Smithsburg 1.5 SW	81.8	59.5	70.7	92	18	48	16	2	0	0	26	NW	10	11.10	4.46	27	19.45	17	3	0.0	0.0		14.8	2400
Keefer, Greg	Hagerstown 1 E	81.9	60.8	71.4	93	18	47	11	2	0	0	48	SW	9	10.69	3.15	27	17.65	14	3	0.0	0.0		14.4	2400
Vaughn, Jim	Smithsburg 2 NE	84.9	61.0	73.0	96	1+	47	11	6	0	0	42	WNW	19	11.14	4.08	27	20.07	17	3	0.0	0.0		14.9	2400
	<i>Wicomico, Maryland</i>																								
NWS Salisbury	Wicomico Co. Apt	80.6	59.4	70.0	91	22	39	11	1	0	0	45	WNW	9	8.21	2.81	23	15.54	17	2	0.0	0.0		4.0	2400
	<i>Arlington, Virginia</i>																								
NWS Washington Nationa	National Airport	83.3	65.7	74.5	93	18	54	11	5	0	0	46	WNW	23	14.02	5.19	25	21.99	13	3	0.0	0.0		13.6	2400
	<i>Loudon, Virginia</i>																								
NWS Washington Dulles	Dulles Airport	83.5	61.6	72.6	95	22	49	11	6	0	0	M		M	11.79	5.94	25	18.44	13	4	0.0	0.0		14.1	2400
Shaffer, Lance	Sterling 4 N	81.3	63.8	72.6	93	18+	54	11	5	0	0				12.40	3.50	25	20.57	17	5	0.0	0.0		20.6	2400
	<i>Tucker, West Virginia</i>																								
Lesher, Dave	Davis 3 SE WV	69.4	51.3	60.4	82	1+	37	11	0	0	0				8.32	2.83	26	25.51	16	2	0.0	0.0		166.2	0700
SECTION AVERAGE*		81.6	62.0	71.8											10.03						0.0				

NOTES:

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

**OBSERVERS FOR LAVALLE 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 09/17/06

**ACON MD / DE / DC
JUNE 2006 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	AVG	OBS TIME		
BEAR 2 SW, DE	91	83	72	75	71	76	72	77	77	70	72	71	82	75	80	84	85	90	87	85	87	89	86	82	75	80	81	86	86	81		80.3	2400	
GALLAHER, GARY	63	68	60	55	57	56	58	54	58	55	49	50	53	58	56	49	54	58	65	65	59	64	69	70	68	68	73	70	67	59		60.3	EDT	
NORTH ST. GEORGES, DE	87	84	74	80	73	75	72	76	77	71	70	70	81	75	79	87	87	94	90	86	87	91	89	86	76	81	83	88	87	82		81.3	2400	
GALLAHER, STEVEN	69	69	64	59	58	56	58	56	58	55	50	55	60	52	62	62	69	70	64	68	71	72	70	70	71	74	72	68	62		63.5	EDT		
WILMINGTON, DE	88	81	72	74	72	76	71	76	78	70	71	71	80	74	82	85	85	90	87	85	87	89	86	83	75	79	81	85	85	81		80.0	2400	
NWS NEW CASTLE CO APT	68	68	66	60	58	57	58	56	58	55	51	52	55	62	59	54	58	66	70	67	63	69	70	70	70	69	73	69	65	63		62.6	EST	
NEWARK AG FARM, DE	92	84	72	75	71	76	72	77	77	69	71	72	81	76	80	84	86	91	88	86	86	91	86	84	76	81	81	87	87	81		80.7	2400	
U OF DE DEOS	65	68	59	55	57	56	60	56	59	55	49	53	56	60	54	57	62	67	69	64	67	69	71	69	68	73	69	64	61		61.7	EST		
TOWNSEND 4 W, DE	90	82	72	74	72	74	72	77	79	72	70	69	79	72	80	83	85	91	87	85	86	89	85	84	75	78	82	89	86	81		80.0	2400	
U of D DE Townsend Farm	64	67	59	56	55	57	57	57	60	56	50	52	55	61	58	50	55	60	68	66	61	70	69	69	68	68	72	70	67	62		61.3	EST	
GEORGETOWN, DE	92	86	75	78	75	72	76	81	81	73	72	68	81	68	83	85	87	90	88	86	88	91	83	84	83	84	83	87	87	82		81.6	2400	
NWS SUSSEX CO APT	68	68	62	57	60	58	61	59	62	54	51	56	57	62	59	54	61	65	69	69	66	69	69	71	69	73	74	73	71	65		63.7	EST	
GEORGETOWN, DE	90	85	74	77	74	71	77	81	80	72	72	68	80	67	81	84	85	88	86	85	88	90	80	83	82	83	82	85	87	82		80.6	2400	
UofD RESEARCH & ED CTR	68	67	62	56	60	58	59	60	62	57	51	56	54	61	60	54	57	65	69	68	65	68	69	70	68	72	73	73	70	64		63.2	EST	
HARBESON 8 S, DE	89	86	73	76	71	69	74	77	80	71	71	67	80	67	80	84	87	90	88	86	89	92	83	83	83	82	82	88	87	83		80.5	2400	
UofD WARRINGTON FARM	67	66	59	55	58	55	61	57	60	52	49	53	54	59	58	51	57	65	67	66	65	66	68	70	67	71	72	72	69	63		61.8	EST	
FROSTBURG	88	81	75	65	64	69	74	76	75	69	63	67	67	77	72	72	79	85	87	76	76	81	84	75	73	67	82	69	78	74		74.7	0700	
LATTA	59	63	52	51	46	46	47	51	55	48	43	44	48	48	54	49	49	59	61	61	53	54	62	63	63	63	64	59	55	52		54.1	EDT	
LAVALE	83	86	66	70	72	74	80	82	79	70	73	73	75	77	82	84	92	93	80	85	87	92	81	80	82	85	74	80	80	80		79.9	2400	
MULLINS**	64	61	63	52	54	52	42	57	57	55	46	54	54	57	57	50	55	59	65	63	58	66	66	65	66	67	68	64	62	55		58.5	EDT	
ANNAPOLIS 2 N	86	81	77	76	75	77	79	76	80	73	71	72	79	70	82	83	86	90	89	86	85	91	86	84	74	76	80	84	86	84		80.6	2400	
BRYANT	71	69	69	62	64	63	65	66	63	59	61	61	65	65	63	66	71	72	69	69	73	73	74	71	70	74	72	71	68		67.5	EDT		
PASADENA 3 SW	92	84	76	80	76	80	81	79	85	75	77	76	84	73	84	87	88	95	92	89	89	93	90	87	77	80	83	88	89	85		83.7	2400	
HANSON	66	70	60	54	57	55	59	60	61	55	47	58	54	61	58	52	57	62	70	67	62	69	71	72	71	70	73	72	68	60		62.3	EDT	
LOTHIAN	89	93	88	77	81	76	79	86	86	87	77	80	M	85	72	85	86	M	94	92	88	90	94	89	83	79	80	82	88	M		84.7	0900	
JUG BAY	66	69	69	52	55	54	56	59	60	52	44	55	52	M	58	50	50	M	77	67	62	68	69	70	70	70	73	71	67	M		61.7	EDT	
BALTIMORE	93	85	76	78	74	79	83	82	85	73	76	74	83	73	85	87	90	95	92	88	91	94	87	87	78	80	83	89	87	83		83.7	2400	
NWS BWI APT	66	69	60	55	56	55	57	61	59	53	49	58	55	61	62	55	60	63	70	67	64	69	70	71	69	69	73	69	66	62		62.4	EST	
LAUREL 2 E	92	84	74	77	73	80	82	82	83	73	74	73	82	74	83	86	90	94	92	87	89	93	87	87	77	81	83	87	86	84		83.0	2400	
STOUDT	67	69	62	55	57	56	58	63	62	58	52	56	57	60	59	56	60	65	69	65	64	70	70	71	69	69	72	71	66	64		63.1	EST	
PARKTON 5SW	90	84	71	75	74	77	78	80	77	70	71	75	80	77	80	84	87	91	80	85	86	90	85	84	75	81	80	86	83	80		80.5	2200	
KREINIK	63	67	61	51	56	52	55	59	55	52	50	50	55	55	59	49	55	59	63	63	54	63	66	68	66	70	72	70	62	62		59.4	EDT	
OWINGS MILLS 2SE	92	83	71	74	76	81	79	80	81	70	71	71	80	75	81	87	87	92	89	84	88	89	86	82	75	81	79	85	86	81		81.2	2400	
SHARROW	66	67	61	53	54	53	57	59	58	57	48	54	55	58	57	54	60	62	66	63	62	67	67	67	65	65	70	68	64	60		60.6	EDT	
BALTIMORE 2SE	94	85	75	79	76	81	84	83	83	72	77	75	84	78	84	89	92	98	94	90	91	96	91	91	91	79	82	85	90	86		85.1	1800	
MANFRE	73	70	65	60	60	62	64	66	65	61	55	58	63	67	65	65	68	70	71	70	73	74	72	71	68	69	72	73	70	68		66.9	EDT	
BALT INNER HARBOR	92	85	75	79	75	80	81	83	83	72	76	75	84	76	84	88	91	97	94	90	91	96	90	90	78	82	85	89	89	85		84.5	2400	
MD SCIENCE CENTER	72	70	65	60	60	62	64	66	65	61	55	58	63	67	65	65	68	70	71	70	73	74	72	71	68	69	72	73	70	67		66.9	EST	
MANCHESTER 1SW	91	84	70	71	74	78	77	78	79	68	70	74	79	75	80	83	86	92	89	83	85	89	84	84	75	81	78	85	83	79		80.1	2300	
CLOSE	67	67	58	52	54	53	55	59	56	53	48	55	57	61	56	60	65	67	68	63	61	67	68	68	67	67	70	68	64	59		61.1	EDT	
WESTMINSTER 4 SSE																																		1800
HARTSOCK																																		EDT
WESTMINSTER 5 SSE	90	82	71	74	71	76	76	80	78	M	M	72	76	77	77	80	84	88	87	81	85	87	81	83	74	79	78	81	79	77		79.4	2200	
KLEIN	64	65	61	53	52	53	55	58	M	M	48	53	54	57	57	62	61	66	60	60	65	65	64	65	65	68	67	61	59		59.8	EDT		
MILLERS 4NE	87	83	75	72	72	76	75	77	76	68	68	72	78	78	78	82	84	88	88	82	84	88	87	81	74	80	80	84	82	80		79.3	1800	
MILLER	65	67	60	52	52	51	55	58	54	53	48	54	55	56	58	50	59	62	66	63	58	66	67	68	67	66	70	68	62	59		59.6	EDT	
WESTMINSTER CITY	89	84	73	74	75	76	78	80	78	70	74	72	81	82	80	85	86	92	90	88	89	94	88	85	78	79	80	88	85	82		81.8	1900	
MULLER	68	68	62	54	54	55	56	60	56	55	49	57	55	61	58	56	64	66	69	64	62	68	67	68	68	67	70	69	65	62		61.8	EDT	
FREDERICK 3 WNW	94	90	78	77	81	83	85	85	M	M	M	75	79	86	85	90	94	100	91	86	88	92	85	85	75	85	77	88	87	82		85.3	2300	
LAWRENCE	68	68	60	59	58	52	56	60	57	M	M																							

**ACON MD / DE / DC
JUNE 2006 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	TOTAL	OBS TIME		
BEAR 2 SW, DE GALLAHER, GARY	1.26	0.77	0.18	T	0.01		0.02	0.29	0.09			0.13		T					0.07			T	0.43	0.31	0.39	2.53	0.08	1.69	0.29		8.54	2400		
NORTH ST GEORGES, DE GALLAHER, STEVEN	1.06	0.20	0.21		0.01		T	0.50						T					0.05				0.10	0.46	0.28	3.82	0.11	1.97	0.47		9.24	2200		
WILMINGTON, DE NWS NEW CASTLE CO APT	0.35	1.10	0.41		0.01		T	0.53	T			0.02		T					0.07	T			0.39	0.37	0.20	3.27	0.38	1.85	0.45		9.40	2400		
NEWARK AG FARM, DE U OF DE DEOS	0.43	1.37	0.58		0.06			0.46	0.10			0.02		0.04					0.08				1.24	0.39	0.22	2.51	0.20	1.95	0.30		9.95	2400		
TOWNSEND 4 W, DE U of D DE Townsend Farm	1.25	0.40	0.26	0.39			0.05	0.43	0.22			0.30							0.31	0.01		0.01	0.10	1.24	1.17	3.29	0.10	1.39	0.12		11.04	2400		
GEORGETOWN, DE NWS SUSSEX CO APT	0.06	2.28	0.27		0.16	0.02		T	0.08			0.20		0.30	0.01				0.61	0.08			0.99	0.01	7.59	0.04	0.62	0.75	T		14.07	2400		
GEORGETOWN, DE UofD RESEARCH & ED CTR		3.96	0.02		0.10				0.07			0.18		0.29					0.28	0.29			0.58	0.02	5.26	0.07	1.20	1.06			13.38	2400		
HARBESON 8 S, DE UofD WARRINGTON FARM		1.43	0.59		0.10	0.04		0.01	0.12			0.20		0.35					0.31	0.32			0.45		2.57		0.02	0.52			7.03	2400		
FROSTBURG LATTA	T	0.35	0.34	T	T	0.03	T	T		0.07					0.06								0.15	0.22	0.84	0.07	0.05	0.73	0.10	0.40	0.04	T	3.45	0700
LAVALE MULLINS**	1.48	0.30	T	T	0.10									0.17					0.09	0.01		0.85	0.15	0.15	0.65	0.49	0.58	0.01	0.03			5.06	2400	
ANNAPOLIS 2 N BRYANT	2.23							0.52				0.41							0.87			0.33		0.36	2.34	2.62	3.03					12.71	2400	
PASADENA 3 SW HANSON	0.37	0.10	0.02				0.01	0.04	0.08			0.34							0.41	0.06			0.15	0.95	1.91	0.93	3.67	0.27			9.31	2400		
LOTHIAN JUG BAY		0.39	T	T	0.01					0.18		0.29	0.20	0.00	0.02	T		M		1.81	0.01		0.48	T	1.68	1.88	0.65	0.51	0.04	M		8.15	0900	
BWI NWS ASOS	0.24	0.22	0.01					0.26	0.08			0.31		0.01					0.22	T		T	0.10	0.53	2.75	0.83	1.17	0.57	0.02			7.32	2400	
LAUREL 2 E STOUDT	0.45	0.20	0.03					>	>	>	>	>	0.50	0.01					1.10	T			0.08	0.93	4.66	2.66	1.09	0.04	0.11			11.86	2400	
PARKTON 5SW KREINIK		0.03	1.47					T	0.34	T									0.10	0.12			0.03	0.16	3.50	0.95	0.55	0.50	0.10	T		7.85	2200	
OWINGS MILLS 2SE SHARROW	1.50	0.94	T				T	0.04	0.12			0.16		0.20					0.04	0.16		1.06	0.12	1.02	2.76	1.38	0.86	0.04	T		10.40	2400		
BALTIMORE 2SE MANFRE	0.18	0.78	0.24					T	0.17			0.20		0.08					0.36	0.02		T	0.08	0.40	1.64	0.86	1.88	0.25	0.08			7.22	1800	
BALT INNER HARBOR MD SCIENCE CENTER	0.05	0.90						0.10				0.19							0.26				0.05	0.40	2.08	0.90	1.89	0.19	0.29			7.30	2400	
MANCHESTER 1SW CLOSE	0.01	0.60	0.32					0.01	0.16			T							0.15	0.35		0.05		0.10	0.83	2.31	0.66	0.33	0.24			6.12	2300	
WESTMINSTER 4 SSE HARTSOCK																																		1800
WESTMINSTER 5 SSE KLEIN	0.44	0.05	0.23						0.05			0.04							0.38	0.45			0.53	2.12	2.51	2.50	0.61	0.89	0.12			10.92	2200	
MILLERS 4NE MILLER		0.02	1.50		0.01			T	0.40	T					T				0.07	0.21		0.07	0.02	T	0.10	2.42	0.38	0.43	0.13	0.10			5.86	1800
WESTMINSTER CITY MULLER	0.28	0.55	0.31					0.14	0.02			0.10							0.10	0.58			0.21	0.98	0.86	2.11	1.89	2.24	0.29			10.66	1900	
FREDERICK 3 WNW LAWRENCE	0.01	0.14			T			0.13	0.20			0.06		0.05					0.10	0.57		0.04	0.07	0.01	1.83	0.72	1.90	0.05	0.27			6.15	2300	
EAGLE ROCK HARVEY	0.31	0.15	0.25	0.10	0.01	0.41			0.12	0.02										0.21		0.19	0.40		0.71	1.13	0.25	0.76	0.03	0.02		5.07	0800	
																																0.0	EST	

**ACON MD / DE / DC
JUNE 2006 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	TOTAL	OBS TIME	
FALLSTON 2 NW ALBRIGHT																																2400 EDT	
LAUREL JHU / APL GIANNOLA	0.70	0.34	0.06						0.04			0.25	0.20						0.02	T			0.04	0.85	6.38	1.83	0.39	0.09	0.16			11.35 0.0	2400 EDT
POTOMAC 4N COHEN	0.36	0.10	0.12				T		0.97			0.34	0.10						0.02		T	0.05	0.05	5.40	3.80	1.30	0.20				12.81 0.0	2100 EDT	
OLNEY 1 S GIANNOLA	0.03	>	0.43						0.08			0.34	0.03						0.14	0.01		T	0.04	0.06	>	9.03	>	1.66	0.05			11.90 0.0	2400 EDT
MONTGOMERY VILLAGE ROTH 1SW	0.91	1.73						0.02	0.02			0.28							0.21			0.01	0.09	0.16	3.55	2.48	2.13	0.52	0.47			12.58 0.0	2400 EDT
GLENMONT 1NNE ROSSEN	0.33	0.09	0.01						0.16			0.34	0.02						0.22	0.01		0.03	0.05	0.48	7.88	2.52	1.22	0.49	T			13.85 0.0	2400 EST
BETHESDA SCAFIDE	0.06	0.06	0.01						0.35			0.30							0.17	0.01		0.01	0.20	0.09	4.68	3.74	2.54	1.31	0.01			13.54 -	2400 EDT
GAITHERSBURG 2W SHAW	1.39	1.45	0.01					0.17	0.67			0.57	0.01						0.34	0.01		0.01	0.50	0.83	4.09	2.71	0.84	1.30	0.25			15.15 0.0	2400 EDT
FOREST GLEN TERRY	0.08	0.01	0.02				T		0.27			0.32	0.01						0.19		T	0.12	0.16	5.59	3.46	1.18	0.61	0.31				12.33 0.0	2400 EDT
ROCKVILLE 1NE WASH GAS LIGHT	0.17	0.30	0.10						0.20			0.26							T	M			0.05	0.27	4.33	5.15	2.30	0.17				13.30 0.0	2400 EDT
OXON HILL SMITH	0.40	T	0.01	T			T	T	0.38			0.46	T						2.49	T		T	0.76	0.11	3.79	2.93	0.75	0.17	0.03			12.28 0.0	2300 EDT
HOLLYWOOD ABELL	T	0.19	0.03	0.20			0.01	0.13				0.44	0.55						0.41	0.03			2.41	0.09	1.16	0.76	0.58	0.02	0.18			7.19 0.0	2359 EDT
RIDGE ZYLA		0.73	0.01	0.38	0.03		0.11	T	T			0.89	0.83						T	0.07			1.51	0.06		1.39	1.19	0.17	0.04			7.41 0.0	2400 EDT
SMITHSBURG 1.5 SW HUTTO	0.17	0.43	0.04		0.02			0.34	0.15					0.04					0.19	0.53		0.13	0.02	0.01	1.88	2.41	4.46	0.18	0.10			11.10 0.0	2400 EDT
HAGERSTOWN 1E KEEFER	0.68	0.42	0.06		0.01								0.10						0.05	0.54		0.13	0.02	T	3.02	2.39	3.15	0.06	0.06			10.69 0.0	2400 EDT
SMITHSBURG 2 NE VAUGHN	0.05	0.85	0.03		0.01	0.02		0.12	0.06					0.12					0.36	0.71		0.17	0.18		2.36	1.60	4.08	0.28	0.14			11.14 0.0	2400 EDT
SALISBURY NWS WICOMICO CO APT		0.20	0.27	0.02	0.23	0.28			0.17		T	0.66	0.87						0.02	0.11			2.81	0.02	0.04	0.02	2.12	0.36	0.01			8.21 0.0	2400 EST
WASH NATIONAL NWS ASOS	T	T	0.05		T		0.01	T	0.18			0.39	T						1.99	0.03		0.04	0.68	0.14	5.19	4.22	0.93	0.17	T			14.02 0.0	2400 EST
WASH DULLES NWS ASOS	0.02	T	0.01	T			0.15	T	0.02			0.28							0.37	0.02		1.47	0.04	T	5.94	1.92	1.47	T	0.08			11.79 0.0	2400 EST
STERLING 4 N SHAFFER	0.26	2.32	0.04	0.01			0.09	0.03	0.36			0.31							0.04			0.28	0.17	1.42	3.50	1.01	1.55	0.53	0.48			12.40 0.0	2400 EDT
DAVIS 3 SE WV LESHER	0.11	0.09	0.21	0.03	0.07	0.99	T	T	0.30	0.13		0.25								0.39			0.38	0.10	1.08	2.83	0.44	0.92	T			8.32 0.0	0700 EDT