



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

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

## WARM WITH NEAR AVERAGE PRECIPITATION.

Another month with above normal temperatures. According to PRESTO DCA (Washington Reagan National Airport) saw its 15th month out of the last 18 with above normal temperatures. Maximum temperatures for April were generally in the lower 80's while minimums fell slightly below freezing. Precipitation averaged close to normal with the wettest being in Western Maryland and some scattered locations of the western Washington DC suburbs. There were three significant precipitation events this month. Numerous thundershowers / thunderstorms occurred, some with hail. Snow was limited to one event.

The month began on a cloudy, warm, windy note. Temperatures were generally in the 70's. Late afternoon and evening thunderstorms, some intense, brought the first significant precipitation since the February 12th snowstorm during the late afternoon and evening of the 3rd. Quarter inch hail was reported by several ACON observers: **Jeff Stoudt** of **Laurel 2 E**, **Rob Cohen** of **Potomac 4 N**, **Rich Giannola** of **Olney 1 S**, and **Joe Terry** of **Forest Glen**.

Between 6 and 9 AM of the 5th a brief, but strong, rain and snow squall accompanied by thunder at some stations, moved across the region. A trace of snow was reported as far south as **Hollywood**. The squall was the strongest in the northern portion of Maryland and Delaware. **Herb Close** of **Manchester 1 SW** reported the following: The sky turned very dark just like an approaching thunderstorm squall in the summertime. Between around 6:53am and 6:55am, light rain and sprinkles began around 6:53 AM. At 6:55 AM, the winds picked up and became very windy. The rain quickly changed to snow with moderate flakes. I looked out the back door and saw a bright flash and then heard a loud crack of thunder. By the time it ended around 7:15 AM 0.2" of wet snow covered the ground. **Gary Gallaher** of

**Bear 2 SW DE** reported that only a few flakes were mixed in at his station but to the northeast in downtown Wilmington half an inch of wet snow covered the ground and some slush formed on streets. A funnel cloud was reported near Millsboro in Sussex County Delaware.

The cold winds of the 5th were short lived. Temperatures rebounded to the 60's under partly cloudy skies on the 6th. Temperatures further warmed on the 7th to the 70's after morning showers. Showers, some with thunder occurred during the evening. Rainfall amounts for the 7th and 8th were generally around an inch.

Minimum temperatures from the 9th to the 11th fell to near or below freezing. Light frost was reported by many observers.

The warmest period of the month occurred from the 11th to the 20th. Temperatures rose to 70 or above on nine out of 10 days at many locations. 80 degree readings were observed on the 13th at some stations around and southeast of Washington DC. 80 degree temperatures occurred again on the 15th and 20th but this time they occurred at many stations east of the mountains.

The heaviest rains of the month fell on the 22nd. Amounts were generally in the 1 inch to 1 1/2 inch rain range. The heaviest fell in Montgomery County. **Kevin Shaw** of **Gaithersburg 2 WNW** reported 4.08". Kevin reported considerable street flooding at low-lying intersections, and some brief road closures on MD 117 as it crossed Seneca Creek. **David Roth** of **Montgomery Village 1 SW** reported 3.66". Two inch amounts were reported by **Greg Latta** of **Frostburg** (2.65"), **Al Kreinik** of **Parkton 5 SW** (2.54"), and **Floyd Abell** of **Hollywood** (2.15").

Light frost and a few minimum temperatures around freezing were reported at some locations for the 28th to the 30th.

### EXTREMES REPORTED BY

#### ACON OBSERVERS

##### MAXIMUM TEMPERATURE

Frederick 3 WNW 86  
5 Stations 85

##### MINIMUM TEMPERATURE

Davis 3 SE WV 19  
Eagle Rock 22  
3 Stations 25

##### WARMEST AVG. TEMP.

Baltimore 2 SE 60.3  
Annapolis 2 N 59.5  
Ridge 59.3

##### COLDEST AVG. TEMP.

Davis 3 SE WV 48.0  
Eagle Rock 50.8  
Frostburg 51.1

##### MAXIMUM PRECIPITATION

Gaithersburg 2 WNW 5.91  
Davis 3 SE WV 5.69  
Mont Village 1 SW 5.68

##### MINIMUM PRECIPITATION

UofD Rec Ctr G'town DE 2.08  
UofD Harbeson DE 2.11  
Smithsburg 1.5 SW 2.30

##### MAXIMUM SNOWFALL

Davis 3 SE WV 6.7  
Eagle Rock 4.5  
Frostburg 0.8

### MEMBER UPDATE

**Manuel Farfan** of **Frederick 4 N** station closed effective 4/1/06. Manuel has moved to Albany, NY.

**Bryon Lawrence** of **Frederick 3WNW** Bryon has joined ACON. He also is a member of WBCR.

**Thanks and well wishes to Manuel and welcome Bryon!**

# OBSERVER COMMENTS FOR APRIL 2006

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## **Gary Gallaher of Bear 2 SW, DE**

**5th** -Windy, snow squall north of station around 8 AM., Trace here but over half inch in downtown Wilmington falling hard enough to lay on streets and whiten the ground Funnel cloud reported near Millsboro in Sussex County.

## **Greg Latta of Frostburg**

**5th** - 1" of snow on the ground.

## **Nate Mullins of LaVale**

2nd warmest April in 15 years of records.

**21st-22nd**—More than half of April's rain fell as result of a slow moving low over the Mid-Atlantic.

## **Dave Bryant of Annapolis 2 N**

**5th** - Light mix of rain and snow showers early AM.

## **Jeff Stoudt of Laurel 2 E**

One heavy, two moderate, and a few light rainfalls that totaled to the low-end the normal range brought only temporary relief from the prevailing dry condition.

**3rd** - Thunderstorm after 2230 with pea size (1/4") hail.

**23rd** - Brief late evening t-storm, with hail to grape (1/2") size

## **Al Kreinik of Parkton 5 SW**

**5th**—Early AM snow shower.

**22nd** - All day rain, heavy at times especially late afternoon.

## **Marty Sharrow of Owings Mills**

**15th** - Mix of sun & clouds, windy, & warm.

**20th** - Mostly sunny & noticeably warmer.

## **Joe Manfre of Baltimore 2SE**

**5th** - Light rain and snow showers, then PC, windy, & cold.

**20th** - Sunny, warm 83 degrees.

## **Herb Close of Manchester 1 SW**

**5th** - A brief snow squall complete with heavy snow, strong winds, thunder and lightning

## **Bobby Miller of Millers 4 NE**

Generally favorable for early planting. Still low relative humidity on many days.

**3rd** - Evening thunderstorm

**5th** - Thunder with heavy snow around 7 AM. Visibility 0.

**14th** - Thunderstorm with 1/2" diameter hail 11:21 - 11:31 PM

## **Ray Muller of Westminster City**

**5th** - Snow shower produces 0.2" of snow along with a 40 MPH wind gust.

## **Manuel Farfan of Frederick 4 N**

Station closed 3/31/06. Moved to Albany, New York

## **Rebecca Harvey of Eagle Rock**

**5th** - 4.0" of snow on the ground, max for the month.

## **Rich Giannola of JHU/APL**

**3rd, 4th, 5th, & 7th** - Windy. gusts over 40 MPH each day.

## **Rob Cohen of Potomac 4 N**

**3rd** - Thunderstorm with 1/4" hail, 7PM.

**7th** - Thunder @ 6 PM, 7 PM & 9 PM.

**8th** - Temperature fell to 39 degrees by 4 PM.

## **Rich Giannola of Olney 1 S**

**3rd** - Thunderstorm with pea sized hail at 7:18 PM.

**7th** - Rainbow, partial (right side) double rainbow at 5:59 PM.

## **Stan Rossen of Glenmont 1 NNE**

**3rd** - Cherry blossoms out.

**24th** - Dense early morning fog, visibility 1/4 mile.

## **Kevin Shaw of Gaithersburg 2 WNW**

**22nd** - 4.08" of rain not only set a record for the date but was by far my greatest for any April day. It was the 3rd heaviest for any day behind and 5.41" on 9/5/79, and 4.68" on 8/11/01.

## **Joe Terry of Forest Glen**

Fairly typical April. Quite a bit of temperature variability and frequent rain events. Many near perfect weather days, especially late in the month

**3rd** - Thunderstorm with 1/4" hail around 1930.

**17th** -Vivid lightning display very early AM south and south west followed by a cold AM rain.

## **Brian Smith of Oxon Hill**

**3rd** - +TSRA 1930 - 2050.

**16th** - Frequent distant lightning S to SW 2335.

**30th** - Bright halo in CS 0913 - 1025.

## **Floyd Abell of Hollywood**

**1st** - Variable clouds with showers at times.

**15th** - Late day thunderstorm.

**17th** - Vivid lightning before dawn, rainy morning.

## **John Zyla of Ridge**

13 thunderstorms this month (on 9 days), tied July 2004 for the most in any month.

**10th** - Last frost of the season.

## **Max Hutto of Smithsburg 1.5 SW**

**5th** - AM showers then snow squall, extremely windy.

**10th** - Cold AM with frost, slightly warmer PM, sunny.

**20th** - Mostly sunny, warmer, breezy.

**22nd** - Overnight rain continued into PM, breezy.

## **Greg Keefer of Hagerstown 1 E**

**3rd** - Quick moving intense line of thunderstorms late this afternoon around 6 PM with sharp lightning.

**4th** - Strong WNW winds all day gusting to 43 MPH.

**5th** - Strong winds this morning around 6 AM as a squall came through with rain showers and with some snow mixed in. NW winds gusted to 48 MPH. Snow accumulated in some nearby areas.

**21st** - Strong winds and a rapid pressure drop then rapid rise in a short period of time around 8:30 PM.

## **Jim Vaughn of Smithsburg 2 NE**

April ties 1977 as the fourth warmest. The 2005/2006 seasonal snowfall is the third lowest on record.

**3rd, 4th, 5th, 12th, 13th, 16th, 21st & 22nd** - Winds gusted to 40 MPH or higher each day.

**15th** - 60 degree minimum set a daily high minimum record breaking the 59 set in 2002.

## **Lance Shaffer of Sterling 4 N VA**

**9th** - Awesome frosty start.

**16th** - Cooler, rain showers at times.

## **Dave Leshner of Davis 3 SE WV**

**5th** - 5" snow cover -max for the month.

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  
APRIL 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	SEA- SON
<i>New Castle, Delaware</i>																									
Gallaher, Gary	Bear 2 SW	66.7	41.9	54.3	82	20	30	10	0	0	3	41	WNW	5	3.89	1.45	22	10.19	13	1	0.0	0.0	21.9	2400	
Gallaher, Steve	North St. Georges	68.7	46.8	57.8	84	20	34	9	0	0	0				4.07	1.52	22	9.46	10	1	0.0	0.0	___	2200	
NWS Wilmington	New Castle Co. Apt.	66.7	44.5	55.6	82	20	33	5+	0	0	0	44	NW	5	4.36	2.13	22	11.17	13	1	0.2	0.0	5	22.1	2400
U of DE DEOS	UofD AG Farm Newark, DE	67.2	44.3	55.8	82	20	33	9+	0	0	0	27		5	4.20	1.93	22	9.88	14	1				2400	
U of D Townsend Farm	Townsend 4 W	65.8	42.8	54.3	79	20	31	10	0	0	3	34		5	3.61	1.18	22	7.07	13	1				2400	
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	69.2	45.0	57.1	83	20	32	10	0	0	1	39	NW	5	2.23	0.95	22	8.25	11	0				2400	
U of D Research & Ed Ctr	Georgetown	68.0	44.0	56.0	83	15	30	10	0	0	1				2.08	0.86	22	7.39	10	0			6.7	2400	
U of D Warrington Farm	Harbeson 8 S	66.3	42.0	54.2	81	15	28	10	0	0	3				2.11	0.77	22	8.19	9	0			3.7	2400	
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	63.9	38.3	51.1	77	21	25	5	0	0	9				4.51	1.91	22	11.77	15	1	0.8	0.8	5	47.9	0700
Mullins, Nate**	LaVale	68.8	41.8	55.3	82	20	32	10+	0	0	2				3.53	1.55	22	9.74	15	1	0.3	0.3	5	27.0	2400
																						0.0	0.0	0.0	
<i>Anne Arundel, Maryland</i>																									
Bryant, Dave	Annapolis 2 N	67.8	51.2	59.5	82	20	36	9	0	0	0				3.10	1.61	22	7.82	13	1	T	T	5	6.5	2400
Hanson, Dan	Pasadena 3 SW	69.7	44.4	57.1	85	20	31	10	0	0	1	39	NNW	5	3.93	1.17	22	10.04	12	1	0.0	0.0	11.3	2400	
Jug Bay Wetlands	Lothian	71.4	44.2	57.8	84	16+	30	9+	0	0	2				3.38	1.12	23	8.71	15	1	0.0	0.0	10.8	0900	
NWS Baltimore	BWI Airport	69.1	45.8	57.5	83	20	33	10	0	0	0	46	W	5	3.28	0.73	8	9.58	13	0	T	T	5	19.6	2400
Stoudt, Jeff	Laurel 2 E	68.5	46.2	57.4	81	20	32	9	0	0	1				3.66	1.27	22	10.24	13	1	0.0	0.0	22.0	2400	
<i>Baltimore, Maryland</i>																									
Kreinik, Al	Parkton 5 SW	67.3	41.9	54.6	82	20	30	9	0	0	3				4.62	2.54	22	11.63	10	1	T	T	5+	22.3	2200
Sharrow, Marty	Owings Mills 2 SE	67.7	44.3	56.0	80	20	30	9	0	0	2				3.70	1.73	22	10.06	10	1	T	T	5	28.6	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	69.9	50.6	60.3	84	15	36	9	0	0	0				3.12	0.98	22	9.08	12	0	T	T	5	16.6	1800
Maryland Science Ctr	Baltimore Inner Harbor	69.2	50.7	60.0	83	15+	36	9	0	0	0				3.23	1.06	22	9.08	10	1				2400	
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	65.9	44.4	55.2	81	20	28	9	0	0	1				3.99	1.79	22	11.51	13	1	0.2	0.2	5	25.3	2300
Hartsock, Ralph	Westminster 4 SSE																	7.48						23.5	1800
Klein, Greg	Westminster 5 SSE	63.6	43.1	53.4	76	20	28	9	0	0	2				3.56	1.50	22	11.20	9	1	0.0	0.0	28.1	2200	
Miller, Bobby	Millers 4 NE	67.9	42.9	55.4	81	20	28	9	0	0	4	48	NW	5	4.63	1.69	22	12.82	12	1	0.3	0.3	5	28.0	1800
Muller, Ray	Westminster City	67.8	44.9	56.4	82	20	30	9	0	0	1	40	NW	3+	3.41	0.90	22	10.90	11	0	0.0	0.0	26.3	2200	
<i>Frederick, Maryland</i>																									
Lawrence, Bryon	Frederick 3 WNW	70.5	42.1	56.3	86	20	25	9	0	0	0				2.52	1.06	22	8.63	13	1	0.0	0.0	20.6	2300	
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	63.0	38.6	50.8	79	21	22	6+	0	0	7				5.22	2.00	22	10.04	16	1	4.5	4.0	5	114.4	0800
<i>Harford, Maryland</i>																									
Albright, Lynn	Fallston 2 NW																								2400
<i>Howard, Maryland</i>																									
Giannola, Rich	Laurel JHU / APL	67.5	45.9	56.7	80	20	31	9	0	0	1	54	WNW	5	3.10	1.38	22	5.29	11	1	0.0	0.0	23.2	2400	

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

OBSERVER	STATION <i>COUNTY, STATE</i>	TEMPERATURE									PEAK WIND			PRECIPITATION				SNOWFALL				OBS TIME			
		AVG MAX	AVG MIN	MEAN	MAX DAY	DAY	MIN DAY	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
<i>Montgomery, Maryland</i>																									
Cohen, Rob	Potomac 4 N	70.0	46.0	58.0	81	15	32	9	0	0	1				3.92	1.57	22	6.50	8	1	0.0	0.0	24.4	2100	
Giannola, Rich	Olney 1 S	69.9	46.0	58.0	83	15	30	9	0	0	1				3.71	1.72	20-22	5.97	8	1	T	T	5	24.2	2400
Roth, David	Montgomery Village 1SW	69.1	46.4	57.8	83	15	33	9	0	0	0				5.68	3.66	22	5.99	12	1	0.0	0.0	19.4	2400	
Rossen, Stan	Glenmont 1 NNE	70.6	44.2	57.4	85	20	32	9	0	0	1				3.54	1.32	22	5.71	10	1	0.0	0.0	21.1	2400	
Scafide, Tony	Bethesda	68.3	46.8	57.6	80	15	33	9	0	0	0	24	NW	4	2.83	0.94	22	<u>4.19</u>	11	0				2400	
Shaw, Kevin	Gaithersburg 2 WNW	70.7	43.7	57.2	85	15	29	9	0	0	3				5.91	4.08	22	5.75	9	1	T	T	5	20.1	2400
Terry, Joe	Forest Glen	71.6	45.8	58.7	85	15	31	9	0	0	1	41	SW	7	3.93	1.70	22	5.86	13	1	T	T	5	22.1	2400
Wash Gas Light	Rockville 1 NE	67.8	47.6	57.7	79	20	34	9	0	0	0				3.29	1.40	22	4.67	10	1	0.0	0.0	<u>1.0</u>	2400	
<i>Prince Georges, Maryland</i>																									
Smith, Brian	Oxon Hill	71.2	47.2	59.2	84	15	34	9	0	0	0				3.01	0.76	22	6.11	12	0	0.0	0.0	20.4	2400	
<i>St. Marys, Maryland</i>																									
Abell, Floyd	Hollywood	70.5	47.4	59.0	84	15	34	10	0	0	0	33		4	5.09	2.15	22	4.99	12	1	T	T	5	14.4	2400
Zyla, John	Ridge	69.1	49.5	59.3	85	15	39	8+	0	0	0	32	SW	15	3.07	0.96	22	5.09	12	0	0.0	0.0	10.5	2400	
<i>Washington, Maryland</i>																									
Hutto, Max	Smithsburg 1.5 SW	68.4	41.7	55.1	81	20	25	9	0	0	4				2.30	0.82	22	5.88	12	0	T	T	5	14.8	2400
Keefer, Greg	Hagerstown 1 E	67.1	42.6	54.9	80	20	28	9	0	0	3	48	NW	5	2.84	1.26	22	5.17	10	1	T	T	5	14.4	2400
Vaughn, Jim	Smithsburg 2 NE	68.0	44.1	56.1	83	20	28	9	0	0	2	62	SE	21	3.32	1.32	22	6.96	13	1	0.3	0.3	5	14.9	2400
<i>Wicomico, Maryland</i>																									
NWS Salisbury	Wicomico Co. Apt	68.0	39.8	53.9	83	15	25	10	0	0	8	45	NW	5	2.81	1.32	22	4.31	12	1	0.0	0.0	4.0	2400	
<i>York, Pennsylvania</i>																									
<i>Arlington, Virginia</i>																									
NWS Washington Nationa	National Airport	69.7	49.3	59.5	83	15	34	9	0	0	0	40	W+	3+	3.10	1.08	22	5.76	11	1	0.0	0.0	13.6	2400	
<i>Loudon, Virginia</i>																									
NWS Washington Dulles	Dulles Airport	69.6	45.1	57.4	82	15	31	10	0	0	1	49	W	3	4.86	2.88	22	4.85	13	1	0.0	0.0	14.1	2400	
Shaffer, Lance	Sterling 4 N	69.8	46.7	58.3	83	15	33	9	0	0	0				3.51	1.04	22	5.70	13	1	T	T	5	20.6	2400
<i>Tucker, West Virginia</i>																									
Lesher, Dave	Davis 3 SE WV	59.7	36.2	48.0	74	21	19	9+	0	1	10				5.69	0.99	17	13.00	18	0	6.7	5.2	5	165.9	0700
<b>SECTION AVERAGE*</b>		<b>68.4</b>	<b>44.8</b>	<b>56.6</b>											<b>3.63</b>						<b>0.2</b>				

**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 06/30/06

**ACON MD / DE / DC**  
**APRIL 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	31	AVG	OBS TIME	
BEAR 2 SW, DE GALLAHER	75	68	57	56	49	58	70	63	57	64	69	73	76	70	79	69	64	70	75	82	65	58	67	68	73	59	71	64	64	68		66.7	2400 EDT	
NORTH ST. GEORGES, DE GALLAHER	74	67	60	56	51	60	73	66	60	64	68	69	79	72	82	74	69	72	79	84	67	60	72	68	72	M	M	M	M	68		68.7	2200 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT	55	48	47	44	38	44	44	40	34	35	39	42	56	54	62	55	49	44	47	52	51	49	54	53	45	M	M	M	M	36		46.8	EDT	
NEWARK AG FARM, DE U OF DE DEOS	73	68	59	56	50	57	69	63	58	64	67	69	76	67	80	70	66	72	76	82	66	60	65	67	72	58	72	66	64	68		66.7	2400 EST	
TOWNSEND 4 W, DE U of D DE Townsend Farm	54	47	42	43	34	41	40	39	33	33	36	41	53	51	56	47	47	45	52	53	47	47	52	52	45	39	37	47	40	36		44.3	EST	
GEORGETOWN, DE NWS SUSSEX CO APT	72	67	60	55	48	57	72	62	55	62	70	73	75	72	78	68	64	68	74	79	62	59	66	67	71	58	69	63	63	67		65.8	2400 EST	
GEORGETOWN, DE UofD RESEARCH & ED CTR	50	46	44	42	32	39	39	38	32	31	35	40	54	50	59	45	46	41	45	48	49	49	51	50	44	38	37	43	37	34		42.8	EST	
HARBESON 8 S, DE UofD WARRINGTON FARM	78	69	63	58	52	63	80	71	57	66	73	76	79	76	83	73	57	70	76	83	70	64	69	73	77	57	72	64	61	65		69.2	2400 EST	
FROSTBURG LATTA	53	41	44	40	41	38	43	41	35	32	36	47	51	48	58	51	40	41	51	52	53	54	55	53	48	46	41	41	39	37		45.0	EST	
ANNAPOLIS 2 N BRYANT	76	68	63	57	52	62	78	70	56	65	70	73	77	75	83	73	56	68	74	81	69	63	69	72	75	60	70	63	60	64		68.0	2400 EST	
PASADENA 3 SW HANSON	51	41	44	38	40	40	42	39	34	30	34	47	53	47	58	51	39	36	47	49	52	54	54	53	47	45	41	41	37	35		44.0	EST	
LOTHIAN JUG BAY	75	65	60	56	50	60	78	69	54	60	69	74	77	74	81	73	55	67	73	80	64	62	69	71	71	59	68	59	57	62		66.3	2400 EST	
BALTIMORE NWS BWI APT	49	40	41	37	37	35	41	40	32	28	33	43	50	46	52	51	36	36	45	49	49	52	55	51	45	43	39	37	35	32		42.0	EST	
LAUREL 2 E STOUDT	75	58	60	65	50	38	59	72	46	52	63	72	73	73	70	71	67	59	66	72	77	71	51	68	66	70	60	66	63	65		63.9	0700 EDT	
ANNAPOLIS 2 N BRYANT	47	43	42	29	25	26	31	43	26	26	29	38	47	49	51	41	42	40	40	43	43	48	46	42	42	28	28	41	35	38		38.3	EDT	
BALTIMORE NWS BWI APT	52	72	70	55	45	71	74	59	58	74	79	74	78	72	76	69	66	70	70	82	76	59	76	72	73	61	71	68	70	72		68.8	2400 EDT	
PASADENA 3 SW HANSON	40	48	43	36	34	35	43	38	33	32	36	44	51	50	56	43	42	38	40	42	48	55	51	46	42	34	32	48	35	40		41.8	EDT	
LOTHIAN JUG BAY	71	61	67	58	54	63	70	65	58	61	67	68	78	76	82	72	67	67	72	82	64	68	64	73	73	63	71	66	66	68		67.8	2400 EDT	
BALTIMORE NWS BWI APT	55	55	54	47	41	45	50	43	36	42	48	54	58	57	64	59	54	48	54	56	57	54	55	53	53	47	47	53	48	46		51.2	EDT	
LAUREL 2 E STOUDT	76	71	67	59	53	65	75	64	58	64	70	74	80	78	83	74	64	72	77	85	66	66	67	72	78	61	73	66	66	69		69.7	2400 EDT	
BALTIMORE NWS BWI APT	57	47	47	44	40	39	41	41	34	31	34	43	54	52	60	44	46	42	44	42	51	54	52	50	45	43	36	46	38	35		44.4	EDT	
MANCHESTER 1SW CLOSE	79	78	72	72	68	57	67	81	61	59	65	76	76	M	81	84	75	61	72	78	84	68	66	68	76	80	60	73	67	66		71.4	0900 EDT	
MANCHESTER 1SW CLOSE	60	41	48	46	39	37	43	54	30	30	38	45	57	M	50	45	49	38	42	42	51	55	51	52	45	43	37	45	35	33		44.2	EDT	
MANCHESTER 1SW CLOSE	75	71	67	58	52	63	77	64	57	64	71	75	78	76	82	72	65	71	76	83	64	65	69	71	76	61	72	66	65	67		69.1	2400 EDT	
MANCHESTER 1SW CLOSE	55	48	50	44	39	38	47	40	35	33	38	46	55	52	60	48	50	45	50	48	53	53	50	50	46	42	37	46	39	36		45.8	EST	
MANCHESTER 1SW CLOSE	73	70	68	57	53	63	74	63	57	64	73	75	78	75	80	70	61	69	75	81	64	64	67	69	75	62	72	67	67	69		68.5	2400 EST	
MANCHESTER 1SW CLOSE	56	51	48	44	39	42	45	37	32	34	38	47	57	54	60	50	48	44	48	48	52	52	48	53	48	42	41	47	42	39		46.2	EST	
MANCHESTER 1SW CLOSE	75	66	62	56	49	59	71	70	53	63	71	72	76	72	78	70	65	69	74	82	64	60	67	68	73	62	73	64	66	68		67.3	2200 EDT	
MANCHESTER 1SW CLOSE	54	43	46	40	31	33	38	35	30	31	34	47	50	49	53	46	47	44	46	50	47	49	46	47	41	34	33	44	36	34		41.9	EDT	
MANCHESTER 1SW CLOSE	69	69	64	55	51	60	70	63	56	65	73	74	75	74	79	69	65	69	74	80	65	61	70	69	75	62	73	66	68	69		67.7	2400 EDT	
MANCHESTER 1SW CLOSE	56	45	49	40	35	36	52	34	30	32	36	40	53	52	58	48	48	44	49	49	49	49	50	49	49	37	38	46	39	38		44.3	EDT	
MANCHESTER 1SW CLOSE	76	73	65	58	54	64	76	65	59	64	71	74	80	77	84	73	66	73	78	83	68	64	66	72	77	62	72	68	65	70		69.9	1800 EDT	
MANCHESTER 1SW CLOSE	57	48	52	46	38	43	48	42	36	43	48	52	57	60	65	57	52	51	57	60	53	54	51	55	52	44	47	52	49	48		50.6	EDT	
MANCHESTER 1SW CLOSE	76	69	65	58	52	63	76	65	57	63	71	74	80	77	83	72	65	72	76	83	68	64	66	72	77	60	72	66	65	69		69.2	2400 EST	
MANCHESTER 1SW CLOSE	57	53	52	46	38	43	48	42	36	43	48	52	57	60	64	57	52	51	57	60	53	54	51	55	52	44	47	52	49	48		50.7	EST	
MANCHESTER 1SW CLOSE	69	66	62	53	48	60	70	61	53	62	71	70	75	72	76	69	62	68	73	81	70	59	68	66	72	60	70	62	64	65		65.9	2300 EDT	
MANCHESTER 1SW CLOSE	51	46	49	39	33	37	43	34	28	38	41	47	53	55	61	49	45	43	49	53	49	48	45	52	47	34	39	43	42	39		44.4	EDT	
MANCHESTER 1SW CLOSE																																		1800 EDT
MANCHESTER 1SW CLOSE	71	62	63	52	47	56	66	62	50	58	67	68	70	70	75	67	61	64	69	76	65	60	64	64	70	57	67	59	62	65		63.6	2200 EDT	
MANCHESTER 1SW CLOSE	51	45	47	38	31	37	42	33	28	37	39	44	52	51	57	46	46	43	46	50	49	47	44	49	46	34	38	44	41	37		43.1	EDT	
MANCHESTER 1SW CLOSE	70	67	64	61	52	59	70	70	54	63	71	70	75	71	76	73	67	69	74	81	78	58	68	68	72	68	70	65	66	68		67.9	1800 EDT	
MANCHESTER 1SW CLOSE	57	46	48	39	30	34	42	35	28	32	39	46	51	51	58	47	43	42	47	50	54	48	45	47	42	32	35	43	40	36		42.9	EDT	
MANCHESTER 1SW CLOSE	73	67	71	56	49	63	72	60	55	63	70	72	75	76	80	71	68	70	74	82	71	60	69	68	71	62	69	64	65	68		67.8	2200 EDT	
MANCHESTER 1SW CLOSE	55	47	51	40	33	39	46	37	30	33	42	48	53	56	60	45	48	45	47	49	52	50	47	50	45	37	36	45	39	41		44.9	EDT	
MANCHESTER 1SW CLOSE	74	72	71	58	53	67	73	62	58	68	75	75	79	76	82	73	67	73	78	86	68	55	71	73	78	64	75	69	71	72		70.5	2300 EDT	
MANCHESTER 1SW CLOSE	51	47	47	41	36	38	38	30	25	30	33	41	54	54	60	46	47	41	43	40	52	49	49	47	44	35	34	40	37	35		42.1	EDT	

**ACON MD / DE / DC  
APRIL 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	31	AVG	OBS TIME		
EAGLE ROCK	74	56	62	70	46	42	50	69	40	50	64	70	70	50	64	69	68	60	66	76	79	70	69	66	66	69	60	68	64	64		63.0	0800		
HARVEY	52	40	40	26	26	22	38	40	22	24	34	38	42	49	58	38	40	34	40	48	48	50	42	52	42	28	30	42	34	40		38.6	EDT		
FALLSTON 2 NW																																			2400
ALBRIGHT																																			EDT
LAUREL JHU / APL	71	67	66	55	50	62	75	62	53	64	73	71	75	74	79	70	63	67	72	80	64	63	70	69	76	62	72	64	68	68		67.5	2400		
GIANNOLA	53	49	50	41	35	39	47	36	31	35	38	47	56	54	62	52	48	46	50	55	50	51	47	51	47	40	40	48	41	39		45.9	EDT		
POTOMAC 4N	75	71	73	59	51	66	78	62	57	69	75	75	77	77	81	69	62	71	75	81	64	66	70	73	77	65	72	67	70	71		70.0	2100		
COHEN	56	50	52	48	39	43	47	39	32	33	38	49	56	54	61	46	47	44	45	43	54	53	49	51	46	41	38	48	39	39		46.0	EDT		
OLNEY 1 S	72	70	71	58	53	65	74	>	>	>	>	>	78	75	83	72	64	70	76	82	64	66	68	71	76	62	72	67	68	70		69.9	2400		
GIANNOLA	52	48	51	42	37	40	46	>	>	>	>	>	30	54	60	45	47	44	47	47	52	52	49	52	47	39	40	49	41	40		46.0	EDT		
MONTGOMERY VILLAGE	75	68	70	57	52	64	76	64	56	65	75	75	77	77	83	70	62	69	75	81	66	66	67	71	77	64	73	65	68	68		69.1	2400		
ROTH 1SW	57	51	52	43	36	44	49	35	33	34	40	51	56	55	61	48	47	48	46	47	53	49	49	54	47	41	38	48	40	41		46.4	EDT		
GLENMONT 1NNE	75	71	72	60	54	67	78	56	56	68	77	74	80	76	84	71	64	71	77	85	64	67	72	74	79	65	74	66	70	71		70.6	2400		
ROSSEN	51	47	49	43	37	43	45	35	32	33	37	46	55	53	54	43	46	44	44	43	52	51	50	52	46	40	38	43	37	37		44.2	EST		
BETHESDA	73	68	72	57	52	63	77	64	56	65	75	74	78	75	80	69	60	69	75	79	64	66	67	72	75	59	70	64	65	66		68.3	2400		
SCAFIDE	54	50	52	43	37	43	49	39	33	37	42	51	55	57	62	51	46	46	47	47	53	52	49	53	48	41	40	49	40	41		46.8	EDT		
GAITHERSBURG 2WNW	73	73	72	59	55	67	77	61	59	69	78	75	80	76	85	72	64	71	78	83	67	67	69	71	77	63	73	67	70	70		70.7	2400		
SHAW	54	48	52	41	35	42	45	32	29	30	35	47	54	53	56	45	46	45	45	43	52	50	47	51	45	37	36	45	36	36		43.7	EDT		
FOREST GLEN	76	72	74	60	56	66	80	63	59	68	77	75	81	78	85	73	64	72	78	84	65	69	72	75	78	64	74	68	71	72		71.6	2400		
TERRY	54	48	52	43	37	43	47	37	31	34	43	51	56	55	61	47	45	45	45	44	53	52	49	53	46	40	39	46	40	38		45.8	EDT		
ROCKVILLE 1NE	72	67	70	57	52	63	74	62	56	64	74	75	76	75	78	69	61	67	73	79	63	67	70	70	75	62	63	M	65	66		67.8	2400		
WASH GAS LIGHT	55	51	51	43	42	42	49	38	34	39	43	52	56	55	62	50	45	46	49	49	52	51	49	52	48	43	49	M	42	42		47.6	EDT		
OXON HILL	75	71	75	61	54	67	83	62	58	68	77	78	81	77	84	74	62	72	77	83	66	66	73	75	79	61	74	68	67	69		71.2	2300		
SMITH	59	51	53	45	40	42	51	41	34	35	41	47	56	56	60	52	46	43	45	45	55	55	50	52	48	44	41	50	40	39		47.2	EDT		
HOLLYWOOD	77	71	75	61	57	67	82	66	58	65	73	75	80	76	84	73	59	68	76	83	70	66	72	77	79	57	71	65	65	68		70.5	2359		
ABELL	60	44	51	46	41	45	50	40	36	34	44	51	57	51	60	49	47	40	45	45	55	60	52	57	49	48	43	45	40	38		47.4	EDT		
RIDGE	79	64	71	62	57	67	81	65	55	63	69	72	80	75	85	71	57	69	80	81	69	62	65	77	75	55	71	64	64	68		69.1	2400		
ZYLA	56	46	56	46	44	47	55	39	39	41	44	53	56	53	62	55	44	43	50	53	57	58	53	57	49	47	48	47	45	43		49.5	EDT		
SMITHSBURG 1.5 SW	68	68	69	54	48	63	74	62	58	65	74	75	78	73	77	69	67	72	76	81	66	53	73	70	74	61	73	67	71	72		68.4	2400		
HUTTO	55	49	48	40	34	40	41	30	25	28	33	44	55	53	60	45	46	36	41	37	49	49	47	49	41	35	32	40	35	34		41.7	EDT		
HAGERSTOWN 1E	67	66	68	56	49	62	73	62	56	63	72	72	76	72	77	68	65	71	76	80	66	53	71	69	73	59	72	65	66	67		67.1	2400		
KEEFER	54	48	48	40	34	40	42	31	28	30	35	47	53	53	56	44	48	40	44	41	52	48	47	49	43	35	33	43	38	35		42.6	EDT		
SMITHSBURG 2 NE	69	68	67	54	58	62	73	63	54	64	76	73	76	72	76	71	66	70	74	83	68	57	70	70	74	61	73	63	66	68		68.0	2400		
VAUGHN	54	50	44	38	32	35	47	33	28	33	41	52	56	54	60	47	45	42	48	45	52	51	48	46	44	35	36	43	43	40		44.1	EDT		
SALISBURY	76	68	65	59	53	62	79	66	56	64	71	73	75	76	83	73	55	67	74	80	69	64	69	74	76	58	70	64	60	62		68.0	2400		
NWS WICOMICO CO APT	49	36	38	31	32	39	39	38	28	25	26	39	47	43	58	47	33	33	45	44	47	56	54	50	42	42	37	32	31	32		39.8	EST		
WASH NATIONAL	75	68	72	59	55	65	80	65	57	64	72	73	79	76	83	72	61	70	76	82	67	67	71	73	76	59	72	66	67	68		69.7	2400		
NWS ASOS	55	53	52	45	40	46	51	41	34	39	47	51	58	58	61	57	47	47	51	52	55	53	50	55	52	44	45	50	44	45		49.3	EST		
WASH DULLES	74	68	73	59	53	66	80	61	56	65	76	76	79	75	82	71	57	69	75	81	68	71	71	73	77	60	72	65	68	68		69.6	2400		
NWS ASOS	57	53	50	43	38	43	47	37	34	31	38	50	55	53	60	47	41	46	44	43	52	52	50	48	45	41	38	41	38	38		45.1	EST		
STERLING 4 N	73	70	74	59	54	66	76	61	58	67	77	75	80	76	83	71	59	70	76	81	68	68	70	73	77	61	71	66	67	67		69.8	2400		
SHAFFER	59	52	53	44	40	44	48	37	33	35	39	51	57	55	61	48	48	44	45	45	50	54	50	53	48	42	39	48	39	41		46.7	EDT		
DAVIS 3 SE WW	69	51	63	65	42	32	52	65	45	46	61	70	72	66	62	63	66	47	61	67	74	68	58	63	64	66	53	60	58	63		59.7	0700		
LESHER	49	38	38	23	23	23	30	44	19	19	27	42	48	49	49	33	33	33	32	43	46	51	46	44	41	31	31	33	33	36		36.2	EDT		

**ACON MD / DE / DC  
APRIL 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	31	TOTAL	OBS TIME
BEAR 2 SW, DE GALLAHER	0.06		0.48		0.09		0.14	0.93						0.01	0.01						0.31	1.45	0.05	0.23	0.10	0.03					3.89	2400	
NORTH ST GEORGES, DE GALLAHER	0.02		0.56		0.09		0.03	0.94					T	0.02							0.33	1.52		0.38	0.18						4.07	2200	
WILMINGTON, DE NWS NEW CASTLE CO APT	0.03		0.63		0.03 0.2		0.08	0.76					T	0.03	0.06						0.22	2.13	0.03	0.22	0.13	0.01					4.36	2400	
NEWARK AG FARM, DE U OF DE DEOS	0.02		0.46		0.02		0.13	0.94					0.01	0.02	0.06						0.24	1.93	0.05	0.13	0.13	0.06					4.20	2400	
TOWNSEND 4 W, DE U of D DE Townsend Farm	0.11		0.22	0.01	0.01		0.08	0.99							0.06						0.22	1.18	0.26	0.36	0.05	0.06					3.61	2400	
GEORGETOWN, DE NWS SUSSEX CO APT	0.12		0.13	T	T		0.01	0.16					T	0.39	0.04	T	0.01				0.39	0.95	0.02		T	0.01					2.23	2400	
GEORGETOWN, DE UofD RESEARCH & ED CTR	0.05		0.13	0.30				0.15	0.01						0.11		0.06				0.40	0.86	0.01								2.08	2400	
HARBESON 8 S, DE UofD WARRINGTON FARM	0.10		0.09	0.12				0.17							0.48		0.01				0.35	0.77	0.02								2.11	2400	
FROSTBURG LATTA	0.20		0.07	0.20	0.15 0.8	T	T	0.09	0.19	0.15			0.18	0.10	0.06		0.09					1.91	0.74	0.12		0.26					4.51	0700	
LAVALE MULLINS**	0.03		0.20	0.06	0.04 0.3		0.21	0.27	0.01				0.13	0.03			0.11				0.41	1.55	0.22	0.01	0.25						3.53	2400	
ANNAPOLIS 2 N BRYANT	0.01		0.41		0.02 T	0.03	0.06	0.53				T		0.02		0.03	0.09				0.07	1.61	0.16		0.06						3.10	2400	
PASADENA 3 SW HANSON			0.58		0.01		0.16	0.72					0.04				0.01				0.25	1.17	0.28	0.62	0.04	0.05					3.93	2400	
LOTHIAN JUG BAY	T	0.12	T	0.53	0.03	T	0.06	0.09	0.64	0.01							0.10	0.23	0.01			0.38	1.12	0.01	T	0.04	0.01		T		3.38	0900	
BWI NWS ASOS	0.01		0.63		T T		0.20	0.73					0.04	0.01		0.01	T				0.28	0.72	0.56		0.05	0.03				0.01	3.28	2400	
LAUREL 2 E STOUDT	0.02		0.84		0.01		0.20	0.69					0.01	0.01		T	0.10				0.36	1.27	0.08		0.05	0.02					3.66	2400	
PARKTON 5SW KREINIK	T		0.01	0.59	0.04 T		0.10	0.87 T						0.04	0.15						T	2.54	0.02			0.26					4.62	2200	
OWINGS MILLS 2SE SHARROW	T		0.54	0.01	0.01 T		0.12	0.91					T	T	T						0.28	1.73	0.02		0.07	0.01					3.70	2400	
BALTIMORE 2SE MANFRE	0.01		0.64		0.02 T		0.11	0.81					0.01	0.04			T				0.25	0.98	0.17		0.04	0.04					3.12	1800	
BALT INNER HARBOR MD SCIENCE CENTER			0.71		0.02		0.10	0.78					0.01	0.01							0.33	1.06	0.17		0.04						3.23	2400	
MANCHESTER 1SW CLOSE	0.02		0.56	T	0.02 0.2		0.06	0.78 T					0.07	0.18	0.01						0.23	1.79	0.07		0.13	0.07					3.99	2300	
WESTMINSTER 4 SSE HARTSOCK																															0.00	1800	
WESTMINSTER 5 SSE KLEIN			0.55	0.04			0.17	0.89						0.05							0.17	1.50	0.03			0.16					3.56	2200	
MILLERS 4NE MILLER	0.02		0.02	0.50	0.04 0.3		0.12	0.92 T					0.13	0.04	0.28						T	1.69	0.61			0.26					4.63	1800	
WESTMINSTER CITY MULLER			0.02	0.63	0.06		0.10	0.75					0.09	0.02	0.03						T	0.90	0.65			0.16					3.41	2200	
FREDERICK 3 WNW LAWRENCE	0.01		0.30		0.02		0.16	0.42					0.07	0.02		0.05					0.23	1.06	0.05	0.01	>	0.12					2.52	2300	
																															0.0	EDT	

**ACON MD / DE / DC**  
**APRIL 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	31	TOTAL	OBS TIME
EAGLE ROCK HARVEY	0.25	T	0.05	0.25 0.5	0.23 4.0		0.30	0.32	0.07					0.05	0.25	0.01	0.35			0.18	0.01	2.00	0.62			0.28					5.22	0800	
FALLSTON 2 NW ALBRIGHT																																4.5	EDT
LAUREL JHU / APL GIANNOLA			0.47		0.01		0.18	0.63					0.01				0.03				0.20	1.38	0.11		0.05	0.03					3.10	2400	
POTOMAC 4N COHEN			0.51		T		0.40	0.76						T		T	0.27				0.06	1.57	0.25			0.10					3.92	2100	
OLNEY 1 S GIANNOLA			0.53		0.02 T		0.37	>	>	>	>	>	0.79	0.01		>	0.14				>	>	1.72		>	0.13		T			3.71	2400	
MONTGOMERY VILLAGE ROTH 1SW	0.05		0.49		0.02		0.20	0.68					0.04	0.01			0.16				0.12	3.66	0.14		0.11						5.68	2400	
GLENMONT 1NNE ROSSEN	T		0.61		T		0.33	0.74					0.03	T		T	0.18				0.21	1.32	0.04		0.07	0.01					3.54	2400	
BETHESDA SCAFIDE			0.53				0.27	0.54					0.04			0.03	0.20				0.19	0.94	0.03		0.04	0.02					2.83	2400	
GAITHERSBURG 2WNW SHAW	T		0.45		T T		0.15	0.67					T				0.13				0.15	4.08	0.16		0.10	0.02					5.91	2400	
FOREST GLEN TERRY	0.02		0.55		0.01 T		0.35	0.69					0.04	T		0.02	0.23				0.24	1.70	0.02		0.04	0.02					3.93	2400	
ROCKVILLE 1NE WASH GAS LIGHT	T		0.47		T		0.30	0.60					0.02			T	0.21				0.10	1.40	0.08		0.09	0.02		M			3.29	2400	
OXON HILL SMITH	0.03		0.42		0.02		0.23	0.56					0.01	T	T	T	0.48				0.39	0.76	0.06		0.02	0.03					3.01	2300	
HOLLYWOOD ABELL	0.05		0.49		T T		0.04	0.43							0.14	0.01	0.96				0.36	2.15	0.19		0.25	0.02					5.09	2359	
RIDGE ZYLA		T	0.31	T	T	0.06	0.05	0.27					0.01	T	0.01	0.01	0.64				0.21	0.96	0.07		0.47						3.07	2400	
SMITHSBURG 1.5 SW HUTTO			0.30		0.06 T		0.14	0.36					0.15	0.07							0.11	0.82	0.11	0.01	0.16	0.01					2.30	2400	
HAGERSTOWN 1E KEEFER			0.32		0.04 T		0.12	0.31					0.13	0.12							0.23	1.26	0.09		0.22						2.84	2400	
SMITHSBURG 2 NE VAUGHN	0.01		0.37	T	0.03 0.3		0.22	0.44					0.23	0.11							0.15	1.32	0.15	0.01	0.16	0.12					3.32	2400	
SALISBURY NWS WICOMICO CO APT	0.19		0.21	0.01	T		0.01	0.15	0.06					T	0.01	T	0.41				0.35	1.32	0.01		0.08	T					2.81	2400	
WASH NATIONAL NWS ASOS	0.01		0.56		0.02		0.18	0.49					T	T	T	0.01	0.35				0.37	1.08	T		0.01	0.02					3.10	2400	
WASH DULLES NWS ASOS	T		0.31		0.01		0.26	0.53					0.07	0.01		0.02	0.40				0.20	2.88	0.11		0.04	0.02		T			4.86	2400	
STERLING 4 N SHAFFER	0.04		0.28		0.01 T		0.48	0.80					0.08	0.03		0.33					0.16	1.04	0.10		0.13	0.03					3.51	2400	
DAVIS 3 SE WV LESHAR	0.31	T	0.15	0.51 0.9	0.34 5.2	0.07 0.6	0.08	0.39	0.10				0.30		0.32	0.01	0.99 T	0.52			0.01	0.81	0.51	0.03 T		0.24					5.69	0700	
																															6.7	EDT	