



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

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

WINDY MONTH WITH ABOVE NORMAL TEMPERATURES AND BELOW NORMAL SNOWFALL

February was a windy month. Winds of 40 mph or higher occurred on a quarter of the days. Winds felled the National Christmas Tree on the 19th. The strongest winds occurred on the 25th across the region as gusts over 50 mph were common resulting in power outages at some ACON locations. Temperatures that averaged 20 to 29 degrees above normal at the regional NWS sites on the 17th and 18th contributed to the months above normal temperatures. Precipitation averaged around normal but snowfall was below normal.

The first eight days saw seasonal temperatures. The month began wet with some sleet and freezing rain at colder locations that changed to a cold rain. Rainfall amounts on the 1st and 2nd ranged from a half inch in the southeastern areas to over an inch in Carroll and Washington Counties. **Jim Vaughn** of **Smithsburg 3 NE** reported 1.39" and **Eric Glass** of **Emmitsburg 2 SE** 1.22". Strong winds upwards of 50 plus mph followed the storm. Temperatures on the 3rd failed to rise above the mid 30's. The next event occurred on the 5th. Some light sleet and freezing rain fell in colder locations. Precipitation amounts averaged around a quarter of an inch. More light precipitation, mostly liquid, fell on the 7th and 9th. Measurable snow of a few tenths of an inch fell on the 9th. **Brian Smith** of **Oxon Hill** and **Greg Latta** of **Frostburg** each reported 0.5", the greatest amounts in Maryland/Delaware. Just west of Western Maryland in West Virginia **Dave Leshner** of **Davis 3 SE WV** measured 10.9" from the 8th to the 10th.

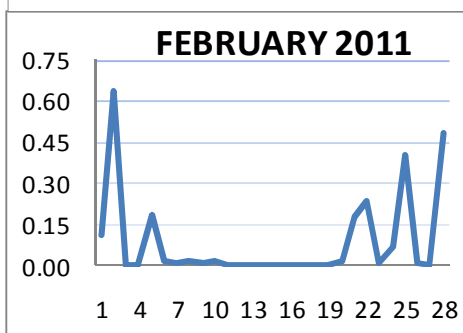
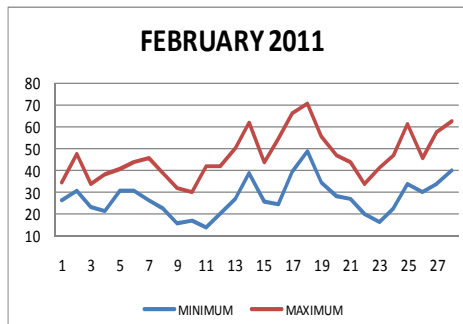
The 9th and 10th were the coldest, average wise, of the month. Temperatures failed to rise above freezing at many locations and at others no higher than the mid 30's.

Little or no precipitation fell from the 11th to the 20th. During this period the first "warm spell" of 2011 occurred from the 13th to the 19th. Temperatures peaked in

the 70's at all but three ACON stations. Record high temperatures in the low to mid 70's occurred on the 18th. **Joe Terry** of **Forest Glen** reported 77°. Minimum temperatures on the 14th failed to fall to 32° or lower for the first time in 77 days at **Smithsburg 3 NE** and 75 days at **Hagerstown 1 E**.

Strong gusty winds ushered in cooler temperatures on the 19th. Winds, which gusted to over 50 MPH, blew over the National Christmas Tree in Washington D.C.

Temperatures fell to near normal on the 20th and to below normal on the 22nd and 23rd. The only general winter precipitation event of the month occurred on the 21st and 22nd. The event was a mixture of liquid and frozen precipitation.



ACON MD/DE Network
Daily average temperatures and precipitation
based on observation times, not calendar days.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Forest Glen 77
Oxon Hill 76

MINIMUM TEMPERATURE

Emmitsburg 2 SE 2
Smithsburg 1.5 SW 2
Davis 3 SE WV 3

WARMEST AVG. TEMP.

Hollywood 3 ENE 42.8
Ridge 42.0

COLDEST AVG. TEMP.

Davis 3 SE WV 29.4
Frostburg 29.6
Emmitsburg 2 SE 32.9

MAXIMUM PRECIPITATION

Davis 3 SE WV 5.11
Smithsburg 3 NE 3.89
Frostburg 3.58

MINIMUM PRECIPITATION

Hollywood 3 ENE 1.00
Ridge 1.63

MAXIMUM SNOWFALL

Davis 3 SE WV 24.9
Manchester 1 SW 8.1
Smithsburg 3 NE 7.1

MINIMUM SNOWFALL

Bryans Road 2 ESE 0.4
Hollywood 3 ENE 0.4
Jug Bay Wetlands 0.8

Temperatures fell during the evening of the 21st changing any liquid to snow. Snowfall ended during the pre-dawn hours of the 22nd. The heaviest snow reported by ACON observers was 6.8" by **Bobby Miller** of **Millers 4 NE**, 6.1" by **Jim Vaughn** of

CONTINUED ON PAGE 3

OBSERVER COMMENTS FOR FEBRUARY 2011

Gary Gallaher of Bear 2 SW, DE

Above normal temperatures, near normal precipitation and below normal snowfall.

18th - Tied record monthly minimum of 52° set 2/24/1973. Average temperature of 61° was one degree shy of the monthly record of 62° set 2/24/1985.

19th - Monthly record high daily average wind speed of 18.4 mph. Old record 17.0 mph was set 2/4/1978.

25th - Monthly record peak wind gust 56 mph NW. Old record 55 mph W set 2/24/1996. (Period of records 1990-2011)

Nate Mullins of LaVale

Changeable weather month. First time in the past six winter months with above average temperatures.

1st-2nd - Overnight freezing rain with 1/8" glaze.

20th-22nd - Sleet began on the 20th and continued overnight into the 21st changing to rain. Precipitation changed to heavy wet snow during late PM hours of the 21st and continued into early of the 22nd.

28th - AM rain and thunder.

Jeff Stoudt of Laurel 2 E

February was a very windy month with several days in which there was minimal to minor wind damage.

1st - -SN, -PL, -FZRA before dawn then occasional -RA/DZ.

9th - Light coating of -SN during the evening.

25th - Brief thunder ~ 1300.

Marty Sharrow of Owings Mills

5th - FZRA to RA/DZ, fog, chilly.

8th - Variable clouds, breezy, colder, scattered PM flurries.

12th - Frigid start, milder PM.

Joe Manfre of Baltimore 2SE

5th - Light rain and drizzle until mid evening.

15th - Very windy beginning in the early afternoon.

20th - Mostly cloudy, very windy, colder.

Ralph Hartsock of Westminster 4 SSE

9th - Sunny, very cold.

14th - Much warmer, very windy.

19th - Very windy, 52 MPH WNW, high wind warning issued by NWS.

23rd - Very cold start, sunny and a tad milder.

25th - Rain ending, very high winds again late.

Bobby Miller of Millers 4 NE

5th - 1/8" AM glaze. 6 PM heavy fog.

18th - Double rainbow 5:05-5:10 PM.

25th - Wind gust 60 mph @ 1:40 PM. Power out for 21 hours 2 minutes beginning at 2:08PM.

28th - Thunder @ 1 AM, heavy fog @ 5 AM.

Ray Muller of Reisterstown

18th - Spring-like day.

25th - Thunder, windy, some gutters and downspouts blown down.

Eric Glass of Emmitsburg 2 SE

1st - Freezing rain and drizzle on and off.

23rd - Clear, sunny, calm, and very cold at obs time.

Richard Giannola of JHU/APL Laurel

PWG of 40 mph or higher on the 2nd (40 W), 14th (47 WNW), 19th (55 WNW), 25th (60 WNW—station record wind gust), & 28th (48 W).

Barometer extremes: 30.43" on 15th, 29.34" on 25th.

Ron Berger of Norbeck 1 SE

25th - Brief small hail mostly 1/8" diameter (rice size) with few 1/4" diameter (pea size) from 1:18 PM—1:19 PM. Estimated wind gust of 60 mph at about 3:05 PM took down tree branches and power lines.

Rob Cohen of Potomac 4 N

17th - Record maximum temperature of 68.

18th - Record maximum temperature of 73.

Rich Giannola of Olney 1 S

9th - Snow flurry 7 PM.

21st—22nd - -RA changed to PL ~ 7 PM on the 21st, and changed to SN ~ 11 PM. SN ended early morning on the 22nd.

Richard Holden of Clarksburg 2 ENE

PWG of 40 mph or higher on the 2nd (46 W), 5th (41 WNW), 8th (43 WNW), 12th (40 WNW), 14th (48 W), 15th (44 W), 18th (41 W), 19th (52 WNW), 25th (58 WNW), & 28th (44 W).

Stan Rossen of Glenmont 1 NNE

28th - A dry line of dark clouds before 11 A.M. caused the barometer to shoot up from 29.66" at 10:55 A.M. to 29.73" just two minutes later. It also dropped the temperature quickly from the day's high of 69° to 60°. There were two distant rumbles of thunder at 12:30 P.M. & 12:33 P.M. while the rain was light.

Kevin Shaw of Gaithersburg 2 WNW

1st - Maximum snow depth of the month: 5"

17th - Record daily maximum temperature of 70°.

18th - Record daily maximum of temperature 74°, record maximum daily minimum temperature of 50°.

26th - Mostly sunny, seasonable, increasing evening clouds.

Joe Terry of Forest Glen

This month was the windiest February and the 5th windiest month in station history.

18th - Maximum temperature of 77° was the warmest in 16 year station history so early in the year and the second highest temperature ever observed in the month of February. Cold FROPA 1830 followed by rapidly falling humidity, RH fell to only 14% very late.

19th - Clear and extremely windy, second windiest day ever.

28th - Warm maximum of 71° reached at 1100 as a dense deck of stratocumulus with mammatus features arrived. It was accompanied by very gusty winds, a SLP jump of 0.09" and eerily dark conditions.

Brian Smith of Oxon Hill

9th - 1249-1326 upper portions halo, upper tangent arc, perihelia. -SN 1900-2300; SD T.

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.

FEBRUARY 2011 ACON

REPORT CONTINUED FROM PAGE 1

Smithsburg 3 NE, and 6.0" by **Max Hutto** of **Smithsburg 1.5 SW**.

The snow cover, clear skies, and calm winds during the night of the 22nd-23rd generated ideal for conditions for low minimum temperatures. **Eric Glass** of **Emmitsburg 2 SE** and **Max Hutto** of **Smithsburg 1.5 SW** each reported **2°**, the coldest temperature of the month. This was one of the few nights these conditions existed this winter.

Morning rains fell and the temperatures rose into the 60's and lower 70's on the 25th before a cold front ushered in strong damaging winds. Winds gusted to over 50 mph at many locations across the region. Over 100,000 customers were without power in the metropolitan Washington DC region.

Much above normal temperatures again returned for the last 2 days of the month. The 28th, the last day of meteorological winter, saw maximum temperatures in the 60's just as the first day of meteorological winter, December 1st, did.



National Christmas Tree blown over on February 19.
From msnbc.com ©Jonathan Ernst / Reuters



OBSERVER COMMENTS CONTINUED FROM PAGE 2

John Zyla of Ridge

2nd - Dense AM fog, Rain MID-7 AM, Warm PM

5th - Cloudy skies and foggy, drizzle during the day.

10th - Snow midnight to 2:30 AM, then clear.

Max Hutto of Smithsburg 1.5 SW

1st & 22nd - Max snow depth for the month: 6"

5th - Overnight fog/freezing rain and PM sleet/snow (Trace) (0.31" liquid), Very windy.

22nd - Extremely cold AM, not so cold PM, sunny.

Greg Keefer of Hagerstown 1 E

Winter 2010-2011 avg. temp 30.5°, normal 33.0°.

14th - 75 days in a row with low temperatures 32° or lower string ends today with a low of 37°.

17th - Record high of 73°. Old record 69° set in 1976.

18th - 73° one degree shy of the record of 74° set 1981. Became very windy this afternoon and evening (49 mph W). Also very low humidity this evening down to 13%, dew point to 9°.

Jim Vaughn of Smithsburg 2 NE

Winter 2010-2011: Avg. temperature 29.0° 4th coldest, normal 31.9°, Precip 7.69", normal 9.15", Snowfall 25.2", normal 23.1".

PWG of 40 miles or greater on 11 days with 3 days greater than 50 MPH (2nd 51 mph, 18th 57 mph and 25th 65 mph).

17th - Minimum temperature of 42° breaks a streak of 77 consecutive days with minimum temperatures 32° or less smashing the previous record of 63 days set January—March 1978.

23rd - Record minimum temperature of 7°, old record 9° set on several occasions and last set in 1999..

Lance Shaffer of Sterling 4 N VA

18th - Observation temperature 54°.

Dave Leshner of Davis 3 SE WV

Maximum snow depth 18" on the 1st and 9th.

Left: Courtesy of **Ron Berger** of **Norbeck 1 SE**

Tree branches on power lines 1 mile from his station.
Power was out for 10 hours.

ACON MD /DE / DC
FEBRUARY 2011 SUMMARY

OBSERVER	STATION	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
<u>New Castle, Delaware</u>																									
Gallaher, Gary	Bear 2 SW	46.5	25.9	36.2	70	18	9	23	0	2	21	58	W	25	2.83	0.90	25	5.88	10	0	5.0	2.6	22	27.0	2400
Legates, David	Middletown 6 N	47.2	26.2	36.7	72	18	11	11	0	2	21	39		19	2.82	1.00	25	5.08	10	1					2400
NWS Wilmington	New Castle Co. Apt.	45.5	26.3	35.9	70	18	11	11	0	4	21	58	W	25	2.90	0.89	25	6.12	10	0	5.0	2.6	22	27.0	2400
UofDE AG FARM DEOS***	Newark	45.3	25.7	35.5	70	18	11	11	0	3	21	37		19	1.83	0.83	25	1.87	8	0					2400
U of D REC DEOS***	Townsend 4 W	45.7	27.1	36.4	70	28	9	23	0	4	20	42		25	2.64	0.81	25	5.12	9	0					2400
<u>Sussex, Delaware</u>																									
NWS Georgetown	Sussex Co. Airport	51.5	29.0	40.3	73	18	11	11	0	0	19	51	NNW	25	2.20	0.82	28	5.19	11	0					2400
U of D REC DEOS***	Georgetown 5 SW	49.9	28.7	39.3	72	18	10	11	0	1	18	40		25	2.07	0.80	28	4.86	10	0					2400
U of D REC DEOS***	Harbeson 8 S	49.9	28.4	39.2	72	18	10	11	0	1	18	39		25	2.29	0.76	28	5.51	10	0					2400
U of D DEOS***	Rehoboth Beach Bwk	48.6	30.9	39.8	73	18	18	9+	0	1	17	28		25	1.97	0.78	28	5.02	11	0					2400
<u>Allegany, Maryland</u>																									
Latta, Greg	Frostburg	39.1	20.0	29.6	63	19	7	9+	0	8	26				3.58	1.10	22	5.02	10	1	5.6	4.1	22	43.1	0700
Mullins, Nate**	LaVale	42.5	26.1	34.3	70	18	14	9+	0	6	25				3.27	0.87	21	4.40	12	0	4.7	3.0	21	23.2	2400
<u>Anne Arundel, Maryland</u>																									
Hanson, Dan	Pasadena 2 N	48.7	26.5	37.6	74	18	12	11	0	1	22	51	W	25	2.51	0.68	2	4.93	10	0	3.0	3.0	22	12.3	2400
Jug Bay Wetlands	Lothian	52.0	28.7	40.4	75	18	12	11	0	0	20				2.32	0.68	2	4.64	9	0	0.8	0.8	21	6.8	1500
NWS Baltimore	BWI Airport	49.1	27.8	38.5	74	18	13	11	0	1	21	60	W	25	2.69	0.69	2	5.35	9	0	2.5	1.8	22	14.4	2400
Stoudt, Jeff	Laurel 2 E	49.1	28.9	39.0	73	18	13	11	0	1	19				2.66	0.71	2	4.94	10	0	1.8	1.1	22	13.7	2400
<u>Baltimore, Maryland</u>																									
Muller, Ray	Reisterstown	PRECIPITATION ONLY STATION FOR FEBRUARY													2.82	0.89	2	5.53	10	0	4.6	4.6	22	4.6	0700
Sharrow, Marty	Owings Mills 2 SE	45.4	25.9	35.7	69	18	11	11	0	1	22	48		19	2.68	0.71	2	5.51	8	0	6.1	5.0	22	27.9	2400
<u>Baltimore City, Maryland</u>																									
Manfre, Joe	Baltimore 2 SE	49.9	32.6	41.3	75	18	19	9	0	1	14				2.47	0.74	2	4.47	10	0	4.0	3.0	22	13.9	2400
Maryland Science Ctr	Baltimore Inner Harbor	49.5	32.8	41.2	75	18	20	9	0	1	13				2.58	0.74	2	4.64	10	0					2400
<u>Carroll, Maryland</u>																									
Close Jr, Herb	Manchester 1 SW	43.8	24.1	34.0	70	18	8	9	0	3	24				2.97	0.91	2	5.07	9	0	8.1	4.0	22	30.6	2300
Hartsock, Ralph	Westminster 4 SSE	45.6	26.5	36.1	70	18	10	11	0	3	22	56	WNW	25	3.10	1.10	2	5.11	8	1	5.5	5.0	22	26.8	1900
Miller, Bobby	Millers 4 NE	44.5	25.8	35.2	70	18	8	11	0	3	21	60	WSW	25	3.00	1.06	2	5.77	9	1	6.8	5.8	22	32.0	1800
<u>Charles, Maryland</u>																									
Brumback, Marty	Bryans Road 2 ESE	PRECIPITATION ONLY STATION FOR FEBRUARY													2.05	0.71	28	4.97	10	0	0.4	0.4	22	10.7	2400
<u>Frederick, Maryland</u>																									
Glass, Eric	Emmitsburg 2 SE	43.1	22.6	32.9	73	19	2	23	0	4	25				2.74	1.12	2	5.47	9	1	4.5	4.5	22	23.5	0700

**ACON MD / DE / DC
FEBRUARY 2011 SUMMARY**

OBSERVER COUNTY, STATE	STATION	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
<u>Howard, Maryland</u>																									
Giannola, Rich	Laurel JHU / APL	47.2	27.9	37.6	73	18	11	11	0	3	22	60	WNW	25	2.60	0.66	2	5.15	11	0	2.6	2.5	22	18.7	2400
<u>Montgomery, Maryland</u>																									
Berger, Ron	Norbeck 1 SE	47.8	28.8	38.3	73	18	12	11	0	2	19				2.44	0.76	2	4.60	11	0	1.6	1.4	22	15.0	2200
Cohen, Rob	Potomac 4 N	47.9	29.7	38.8	73	18	15	11	0	2	19				2.50	0.84	2	4.82	7	0	0.9	0.9	22	13.8	2100
Giannola, Rich	Olney 1 S	46.7	27.5	37.1	72	18	13	11	0	1	21				2.44	0.78	1-2	4.52	8	0	2.1	2.0	21-22	17.1	2400
Holden, Richard	Clarksburg 2 ENE	45.9	28.0	37.0	73	18	14	23	0	4	22				2.78	0.68	2	5.46	9	0	4.5	3.0	22	26.5	2400
Roth, David	Montgomery Village 1SW	46.9	25.3	36.1	71	18	8	11	0	2	23				1.38	0.43	28	3.16			1.8	1.0	22	1.8	2400
Rossen, Stan	Glenmont 1 NNE	49.5	27.8	38.7	75	18	13	11	0	0	20	27	NNE	25	2.45	0.66	28	4.61	10	0	1.0	0.7	22	13.5	2400
Scafide, Tony	Bethesda	48.5	29.5	39.0	74	18	17	9+	0	1	18	37		25	2.85	0.96	2	4.22	10	0					2400
Shaw, Kevin	Gaithersburg 2 WNW	48.1	28.1	38.1	74	18	13	11	0	1	20	31	NW	19	2.37	0.65	2	4.60	8	0	2.1	1.4	22	17.9	2400
Terry, Joe	Forest Glen	51.4	29.3	40.4	77	18	16	11	0	0	18	48	W	25	2.59	0.77	28	5.12	11	0	1.1	0.8	22	15.4	2400
<u>Prince Georges, Maryland</u>																									
Smith, Brian	Oxon Hill	51.5	30.3	40.9	75	18	17	11	0	0	19				2.16	0.70	28	4.88	10	0	1.0	0.5	22	14.0	2300
<u>St. Marys, Maryland</u>																									
Gleason, Wes	Hollywood 3 ENE	54.0	31.5	42.8	74	18	19	11	0	0	16	16		14+	1.00	0.67	2	2.83	5	0	0.4	0.2	10+	3.5	0700/2400
Zyla, John	Ridge	51.1	32.9	42.0	74	18	20	9	0	0	16	37	SW	25	1.63	0.66	28	3.99	9	0	1.0	0.8	10	12.2	2400
<u>Washington, Maryland</u>																									
Hutto, Max	Smithsburg 1.5 SW	45.4	24.1	34.8	72	18	2	23	0	3	23	43		25	3.30	0.80	2	4.59	11	0	6.1	4.0	21	24.0	2400
Keefer, Greg	Hagerstown 1 E	45.4	25.1	35.3	73	18	5	23	0	3	23	59	NW	25	3.01	0.71	2	4.42	10	0	4.5	3.5	21	21.4	2400
Vaughn, Jim	Smithsburg 3 NE	44.1	23.5	33.8	70	18	7	23	0	4	24	65	SW	25	3.89	0.89	2	5.76	12	0	7.1	5.0	21	25.4	2400
<u>Wicomico, Maryland</u>																									
NWS Salisbury	Wicomico Co. Apt	52.0	28.8	40.4	73	28	12	11	0	0	18	59	NW	25	1.71	0.67	28	4.72	9	0					2400
<u>Arlington, Virginia</u>																									
NWS Washington Nationa	National Airport	51.3	32.2	41.8	77	18	19	9	0	0	16	58	WNW	25	2.12	0.66	2+	4.37	10	0	0.5	0.2	21+	9.9	2400
<u>Loudon, Virginia</u>																									
NWS Washington Dulles	Dulles Airport	48.7	27.5	38.1	75	18	11	11	0	1	21	59	WNW	25	2.21	0.71	28	4.08	9	0	0.7	0.4	21	12.5	2400
Shaffer, Lance	Sterling 4 N	48.3	31.0	39.7	75	18	14	11	0	0	17				2.02	0.85	1-2	4.24	6	0	1.2	1.2	21-22	13.2	2400
<u>Tucker, West Virginia</u>																									
Lesh, Dave	Davis 3 SE WV	39.3	19.4	29.4	57	18	3	9+	0	8	24				5.11	1.10	22	9.65	19	1	24.9	6.6	9	174.1	0700
SECTION AVERAGE*		47.2	27.1	37.2											2.59		5.31				3.1		18.2		

NOTES:

M OR UNDERLINE= MISSING DATA

> = INCLUDED IN NEXT DAYS DATA

ITALIC = ESTIMATED DATA

+ = FIRST OF SEVERAL OCCURANCES

WINTER TYPE PRECIPITATION FROM STATIONS WITH

TIPPING BUCKET RAIN GAUGE MAY SHOW UNDER CATCH.

ALSO AMOUNTS CAUGHT MAY BE NOTED IN THE FOLLOWING

DAYS AS IT MELTS.

*SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

**OBSERVER FOR LAVALE IS SCOTT LOHR. DATA COMPILED BY NATE MULLINS.

*** DATA FROM DEOS (DELAWARE ENVIROMENTAL OBSERVING SYSTEM) PERMISSION GRANTED FOR USE OF DATA

*** REC= UNIVERSITY OF DELAWARE RESEARCH AND EDUCATION CENTER

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 1/27/12 Rev 1

ACON MD / DE / DC
FEBRUARY 2011 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	AVG	OBS TIME
BEAR 2 SW, DE GALLAHER	34 28	46 32	33 18	36 18	40 28	44 27	45 24	40 22	31 15	29 13	41 11	42 17	50 22	64 41	41 22	52 20	67 40	70 52	55 34	45 30	41 25	34 15	42 9	46 18	64 35	44 31	58 34	67 43	46.5 25.9	2400 EST
MIDDLETOWN 6 N LEGATES	34 28	45 32	35 19	37 18	41 28	45 28	45 25	39 22	31 14	29 13	42 19	43 11	51 17	64 23	41 22	53 20	69 41	72 50	55 34	45 30	41 26	36 19	43 12	46 19	65 34	45 31	59 35	69 43	47.2 26.2	2400 EST
WILMINGTON , DE NWS NEW CASTLE CO APT	32 27	43 30	32 22	35 19	39 29	41 29	43 26	39 20	30 14	28 16	40 11	42 17	50 25	62 40	40 24	52 23	66 42	70 44	54 33	45 25	41 24	34 21	42 14	43 20	64 33	43 32	58 35	66 42	45.5 26.3	2400 EST
NEWARK AG FARM, DE U OF DE DEOS	32 27	45 30	33 19	35 18	39 25	42 26	51 24	39 20	30 15	28 14	40 11	41 17	48 23	61 40	40 25	51 23	66 39	70 44	54 33	44 29	40 23	33 20	41 14	45 20	61 34	43 32	58 34	62 42	45.3 25.7	2400 EST
TOWNSEND 4 W, DE U of D REC DEOS	33 27	44 32	32 22	35 21	42 31	39 38	47 26	39 22	30 17	28 17	41 14	41 22	50 25	62 40	40 24	52 22	68 41	69 50	55 34	43 29	41 24	29 12	37 9	48 17	65 34	45 32	57 35	70 42	45.7 27.1	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	37 31	63 34	36 26	40 24	56 36	48 29	53 25	43 26	34 17	33 15	44 11	46 21	53 25	67 43	45 21	55 20	68 41	73 52	61 35	47 30	55 30	36 25	45 21	54 23	68 37	48 29	60 38	73 46	51.5 29.0	2400 EST
GEORGETOWN, DE U of D REC DEOS	36 31	62 33	35 27	39 23	55 35	42 39	52 27	42 26	33 15	30 13	43 9.6	46 22	51 28	66 42	43 21	53 19	66 41	72 51	60 34	46 29	54 29	35 23	44 18	52 22	66 36	47 29	58 38	70 46	49.9 28.7	2400 EST
HARBESON 8 S, DE U of D REC DEOS	37 31	63 33	34 26	39 23	55 35	42 35	51 25	42 26	33 16	31 13	43 10	45 20	52 26	66 43	43 21	54 18	67 41	72 53	61 34	46 30	54 29	33 23	43 16	52 22	67 36	46 28	57 37	71 46	49.9 28.4	2400 EST
REHOBOTH BEACH BWK U of D DEOS	37 33	63 34	35 29	39 26	54 35	47 33	41 30	42 26	33 18	31 19	43 18	46 27	53 29	63 45	43 29	54 27	61 42	73 44	60 35	44 31	53 31	33 25	36 24	46 28	67 38	43 32	49 39	72 42	48.6 30.9	2400 EST
FROSTBURG LATTA	23 15	33 22	38 14	24 13	40 15	35 26	31 24	41 20	23 7	23 8	21 7	33 12	31 21	47 29	47 19	40 18	54 25	61 41	63 32	42 19	47 14	48 15	26 23	39 25	41 21	46 23	59 33	59 33	39.1 20.0	0700 EST
LAVALE MULLINS**	32 24	39 31	32 18	38 16	37 29	35 31	37 29	29 15	28 14	29 14	39 19	35 27	53 27	53 35	45 31	58 25	67 37	70 37	48 31	44 27	35 27	31 20	39 25	35 25	48 30	42 26	60 29	53 31	42.5 26.1	2400 EST
PASADENA 2 N HANSON	35 28	48 32	35 22	41 20	39 32	47 28	46 24	39 23	34 14	32 14	43 12	44 18	53 26	67 40	45 24	57 23	69 38	74 43	56 35	49 31	42 27	37 13	43 20	46 35	67 29	45 31	59 41	72 41	48.7 26.5	2400 EST
LOTHIAN JUG BAY	37 27	58 34	36 28	42 22	38 32	49 27	50 24	40 34	36 16	33 24	68 12	46 17	55 26	67 41	57 27	72 41	75 55	57 37	51 23	53 28	38 25	47 17	53 22	69 37	48 30	58 31	75 44	52.0 28.7	1500 EST	
BALTIMORE NWS BWI APT	34 28	46 31	34 23	41 22	40 33	47 30	48 26	39 22	34 16	32 16	45 13	45 18	53 25	67 41	46 24	57 24	71 41	74 51	56 35	51 29	42 27	37 23	45 18	50 23	67 34	46 32	61 32	68 42	49.1 27.8	2400 EST
LAUREL 2 E STOUDT	34 28	47 31	34 26	43 23	40 30	47 30	49 27	39 23	34 16	31 18	46 13	45 19	52 31	65 40	45 27	58 26	72 43	73 54	56 34	52 30	42 27	35 22	44 18	50 24	63 35	52 33	63 34	65 43	49.1 28.9	2400 EST
REISTERSTOWN MULLER																														0700 EST
OWINGS MILLS 2SE SHARROW	35 25	43 30	34 21	39 18	35 28	45 31	44 23	37 19	33 19	29 17	44 11	41 17	46 23	60 38	43 25	55 22	67 44	69 44	51 33	49 27	37 28	33 17	42 13	43 19	54 34	46 28	59 32	59 39	45.4 25.9	2400 EST
BALTIMORE 2SE MANFRE	35 30	48 34	36 28	43 27	42 34	48 37	48 33	41 25	36 19	32 25	44 24	54 26	68 34	48 44	60 30	69 32	75 43	58 50	53 37	44 34	37 28	44 24	51 25	68 31	46 39	59 40	69 44	49.9 32.6	2400 EST	
BALT INNER HARBOR MD SCIENCE CENTER	35 30	49 34	36 29	43 28	42 34	48 37	47 34	43 25	36 20	32 26	43 24	44 27	54 34	67 43	45 33	58 32	67 42	75 48	58 37	50 34	43 28	37 24	44 25	49 31	67 39	46 36	58 40	69 44	49.5 32.8	2400 EST
MANCHESTER 1SW CLOSE	34 21	41 26	33 17	38 17	45 27	43 29	35 27	35 14	29 8	28 14	40 12	38 24	46 33	58 23	39 23	51 23	67 44	70 49	49 46	34 34	43 32	43 20	41 12	54 15	43 22	57 29	56 32	43.8 24.1	2300 EST	
WESTMINSTER 4 SSE HARTSOCK	35 26	47 29	32 22	36 20	37 27	43 29	50 26	35 27	31 14	28 18	38 10	38 18	49 26	57 41	39 26	51 25	64 36	70 48	58 34	49 27	40 32	34 18	41 13	51 22	57 36	46 29	59 34	61 29	45.6 26.5	1900 EST
MILLERS 4NE MILLER	33 23	44 30	36 21	36 16	34 28	41 31	45 25	37 24	27 11	27 17	37 8	37 17	47 23	57 41	43 26	53 24	67 39	70 48	66 35	45 27	40 29	30 14	41 10	42 21	56 36	44 26	55 33	57 39	44.5 25.8	1800 EST
BRYANS ROAD 2 ESE BRUMBACK																														2400 EST
EMMITSBURG 2 SE GLASS	29 11	33 26	44 24	33 18	36 24	40 31	41 26	42 25	35 16	30 17	28 9	39 10	39 26	48 30	60 26	42 23	54 26	68 39	73 42	47 27	46 29	37 15	30 2	37 3	41 11	53 29	45 31	58 36	43.1 22.6	0700 EST

ACON MD / DE / DC
FEBRUARY 2011 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	AVG	OBS TIME
LAUREL JHU / APL	34	45	32	42	38	44	47	38	32	29	43	41	51	63	41	56	68	73	53	47	39	33	44	49	65	45	61	68	47.2	2400
GIANNOLA	26	30	24	24	32	32	26	19	16	17	11	20	30	38	27	28	41	53	32	29	24	20	19	24	34	32	33	41	27.9	EST
NORBECK 1 SE	33	42	33	39	38	44	47	40	32	31	44	43	52	64	44	58	69	73	61	48	40	34	41	49	64	47	60	67	47.8	2200
BERGER	26	31	24	20	33	34	26	23	15	17	12	20	28	42	27	26	41	56	36	28	30	22	18	25	36	32	33	44	28.8	EST
POTOMAC 4N	36	47	31	41	38	44	47	38	34	31	42	43	51	64	45	57	68	73	60	49	42	34	42	50	62	48	60	63	47.9	2100
COHEN	28	31	23	31	34	34	26	26	18	20	15	20	28	43	29	27	39	54	38	29	31	24	19	25	34	29	33	44	29.7	EST
OLNEY 1 S	35	42	33	40	36	43	46	38	34	30	42	41	50	62	43	57	68	72	53	48	39	35	41	46	63	47	60	64	46.7	2400
GIANNOLA	25	30	22	20	32	33	26	21	15	17	13	19	27	37	26	27	39	52	35	27	28	20	15	25	34	31	32	43	27.5	EST
CLARKSBURG 2ENE	34	45	32	38	39	42	44	37	30	29	41	41	50	61	42	56	70	73	52	46	37	30	40	47	62	46	61	60	45.9	2400
HOLDEN	24	29	23	22	31	33	30	18	15	19	20	24	30	37	27	28	42	52	32	27	25	17	14	28	32	30	36	38	28.0	EST
MONTGOMERY VILLAGE	41	46	32	44	38	44	51	39	38	29	41	43	51	61	41	55	67	71	53	48	39	38	41	51	64	49	35	63	46.9	2400
ROTH 1SW	26	28	21	18	32	30	23	20	14	13	8	15	24	37	23	22	36	50	34	26	27	19	13	20	32	29	30	39	25.3	EST
GLENMONT 1NNE	35	45	35	43	39	47	48	38	35	33	46	44	54	67	44	60	73	75	55	49	41	35	46	51	66	50	63	69	49.5	2400
ROSSEN	27	31	24	21	33	31	26	22	18	17	13	19	28	38	26	24	36	47	35	29	27	22	18	23	35	33	32	42	27.8	EST
BETHESDA	36	45	33	42	39	45	48	40	34	32	44	44	52	65	43	59	69	74	55	47	44	33	44	51	65	47	60	69	48.5	2400
SCAFIDE	26	30	25	23	33	34	29	22	17	19	17	22	29	39	29	29	42	55	35	29	27	22	20	29	35	33	34	40	29.5	EST
GAITHERSBURG 2WNW	37	45	35	42	39	45	47	37	33	32	45	44	52	64	44	58	70	74	55	48	40	33	44	49	63	49	62	63	48.1	2400
SHAW	27	31	24	21	34	31	27	22	18	17	13	19	29	39	27	26	38	50	35	30	27	21	18	24	35	32	33	41	28.1	EST
FOREST GLEN	37	48	39	44	40	51	50	41	36	36	47	46	53	68	48	61	72	77	57	52	44	38	49	52	67	50	64	71	51.4	2400
TERRY	27	31	25	22	33	33	28	22	18	19	16	21	29	40	29	28	40	54	36	29	28	23	19	27	35	33	34	42	29.3	EST
OXON HILL	38	56	36	40	42	50	51	42	33	33	46	47	54	68	47	59	72	75	63	51	52	36	48	52	67	51	62	71	51.5	2300
SMITH	27	32	27	24	33	32	27	24	19	19	17	21	30	40	31	29	42	55	40	31	28	25	22	27	36	33	34	42	30.3	EST
HOLLYWOOD	37	64	42	42	46	52	48	48	35	39	46	52	56	69	57	61	70	74	61	59	59	M	M	54	70	52	56	M	54.0	2400
GLEASON	29	36	28	25	34	28	27	27	20	21	19	24	28	43	27	26	41	57	39	33	39	M	24	25	39	29	40	45	31.5	EST
RIDGE	36	62	37	39	46	48	47	43	34	37	43	51	56	68	46	58	68	74	61	49	62	37	43	51	69	44	55	71	51.1	2400
ZYLA	30	34	29	28	34	33	31	27	20	24	24	28	33	44	31	31	44	54	41	32	36	28	26	31	37	31	40	44	32.9	EST
SMITHSBURG 1.5 SW	36	45	33	39	38	42	43	36	29	28	43	39	52	58	41	57	70	72	51	45	39	31	41	43	54	46	62	58	45.4	2400
HUTTO	26	28	19	17	26	28	25	17	13	12	6	15	25	36	23	23	41	51	31	27	21	11	2	15	32	29	39	36	24.1	EST
HAGERSTOWN 1E	35	46	33	38	38	43	43	36	29	28	41	40	54	59	43	58	71	73	51	44	38	30	39	41	55	47	61	58	45.4	2400
KEEFER	25	29	20	20	29	29	26	17	14	14	8	17	24	37	25	25	42	51	31	27	21	14	5	17	32	29	39	36	25.1	EST
SMITHSBURG 3 NE	35	44	31	37	39	42	42	36	28	26	40	38	50	57	40	54	66	70	50	42	40	31	41	42	54	43	58	60	44.1	2400
VAUGHN	22	21	27	17	29	27	28	9	9	12	13	24	26	30	20	27	42	46	25	22	16	10	7	26	29	26	36	33	23.5	EST
SALISBURY	40	64	36	40	56	48	53	43	34	33	44	48	53	67	45	54	68	72	62	49	58	38	48	55	69	49	58	73	52.0	2400
NWS WICOMICO CO APT	33	34	28	24	36	29	25	27	17	15	12	19	25	39	22	20	38	53	36	30	32	24	20	21	37	26	37	47	28.8	EST
WASH NATIONAL	38	52	37	42	42	49	50	41	33	34	44	47	54	70	47	58	72	77	59	50	55	37	46	53	67	49	60	72	51.3	2400
NWS ASOS	29	34	29	28	34	36	30	25	19	24	22	23	32	43	33	32	43	52	39	32	30	27	25	31	37	35	36	42	32.2	EST
WASH DULLES	36	48	33	39	39	45	46	38	33	33	44	44	53	66	46	59	72	75	55	48	44	32	44	50	64	49	62	67	48.7	2400
NWS ASOS	26	30	23	20	33	29	24	22	16	15	11	16	26	40	26	25	39	53	36	30	28	22	24	22	34	30	30	39	27.5	EST
STERLING 4 N	35	47	34	39	39	46	46	38	33	34	45	44	M	66	45	60	69	75	56	49	44	33	44	48	65	49	63	57	48.3	2400
SHAFFER	28	33	26	23	34	35	28	32	19	22	14	20	28	42	31	27	39	54	46	31	35	24	22	25	40	32	33	44	31.0	EST
DAVIS 3 SE WV	41	46	44	23	40	48	28	37	17	17	21	29	25	44	44	39	51	57	55	39	48	47	27	36	47	48	46	55	39.3	0700
LESHER	21	36	8	8	19	21	20	16	3	3	3	10	16	25	15	14	37	42	27	14	20	17	22	22	33	20	20	31	19.4	EST

ACON MD / DE / DC
FEBRUARY 2011 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	TOTAL	OBS TIME
BEAR 2 SW, DE GALLAHER	0.03 T	0.77			0.20		0.01		0.02 0.3	T								T		T	0.18 T	0.24 2.1		0.02	0.90			0.46	2.83 5.0	2400 EST
MIDDLETOWN 6 N LEGATES	0.04	0.64			0.22		0.02													0.01		0.33	0.05	0.02	1.00			0.49	2.82	2400 EST
WILMINGTON, DE NWS NEW CASTLE CO APT	0.03	0.77			0.26		0.02	T	0.02 0.3	T								T		T	0.22 T	0.20 2.1		0.04	0.89			0.45	2.90 5.0	2400 EST
NEWARK AG FARM, DE U OF DE DEOS		0.03			0.26		0.01	0.01														0.27		0.04	0.83			0.38	1.83	2400 EST
TOWNSEND 4 W, DE U of D REC DEOS	0.05	0.72			0.22			0.01												0.01	0.01	0.28			0.81			0.53	2.64	2400 EST
GEORGETOWN, DE NWS SUSSEX CO APT	0.02	0.53			0.05		0.04		0.02	0.07										T	0.05	0.21		0.03	0.36			0.82	2.20 -	2400 EST
GEORGETOWN, DE U of D REC DEOS	0.04	0.51			0.04		0.02			0.08											0.02	0.22		0.03	0.31			0.80	2.07	2400 EST
HARBESON 8 S, DE U of D REC DEOS	0.01	0.63			0.06		0.07			0.08											0.02	0.24		0.03	0.39			0.76	2.29	2400 EST
REHOBOTH BEACH BWK U of DE DEOS		0.48			0.06		0.08	0.01		0.07								0.04			0.01	0.02		0.03	0.39			0.78	1.97	2400 EST
FROSTBURG LATTA	0.11 0.2	0.69	T T		T	0.17 0.3		0.04 0.5	T 0.3				T T		0.04 0.2						0.44 T	1.10 4.1	T T		0.55	0.15 T		0.29	3.58 5.6	0700 EST
LAVALE MULLINS**	0.66	0.21			0.14		0.01	0.01 0.2				T T		0.01						0.07 0.5	0.87 3.0	0.13 1.0		0.36	0.30			0.50	3.27 4.7	2400 EST
PASADENA 2N HANSON	0.17	0.68			0.26			0.01												0.03		0.29 3.0	0.06	0.02	0.51			0.48	2.51 3.0	2400 EST
LOTHIAN JUG BAY	0.01	0.68			0.15						0.01										0.30 0.8	0.14	0.07		0.34			0.62	2.32 0.8	1500 EST
BWI NWS ASOS	0.12	0.69			0.23		T	T	T T	T T										0.03 T	0.27 0.7	0.32 1.8		0.02	0.51			0.50	2.69 2.5	2400 EST
LAUREL 2 E STOUDT	0.13 0.1	0.71			0.25		T 0.1	0.01 T	T	T										0.03	0.21 0.5	0.26 1.1		0.04	0.45			0.57	2.66 1.8	2400 EST
REISTERSTOWN MULLER	0.04	0.89	0.02 T		0.09	0.20		T													0.03	0.77 4.6			0.22	0.31		0.25	2.82 4.6	0700 EST
OWINGS MILLS 2SE SHARROW	0.02 T	0.71			0.31			T T	T T									T		T T	0.28 1.1	0.37 5.0		0.02	0.66			0.31	2.68 6.1	2400 EST
BALTIMORE 2SE MANFRE	0.11	0.74			0.26		T	0.02												0.01	0.27 1.0	0.28 3.0		0.01	0.41			0.36	2.47 4.0	2400 EST
BALT INNER HARBOR MD SCIENCE CENTER	0.10	0.74			0.26			0.01												0.01	0.27	0.24		0.01	0.51			0.43	2.58 -	2400 EST
MANCHESTER 1SW CLOSE	0.07	0.91			0.28 0.1		T	0.01						T						0.07 1.0	0.35 3.0	0.31 4.0		T	0.46			0.51	2.97 8.1	2300 EST
WESTMINSTER 4 SSE HARTSOCK	0.02	1.10			0.30	0.02															0.05 0.5	0.67 5.0		T	0.57			0.37	3.10 5.5	1900 EST
MILLERS 4NE MILLER	0.01 T	1.06			0.28 T	0.04 T		0.03 T										T			0.10 1.0	0.64 5.8		T	0.46			0.38	3.00 6.8	1800 EST
BRYANS ROAD 2 ESE BRUMBACK	0.09	0.63			0.11			0.01		0.05											0.09	0.04 0.4		0.12	0.20			0.71	2.05 0.4	2400 EST
EMMITSBURG 2 SE GLASS	0.10	1.12			0.12	0.25															0.04	0.26 4.5			0.44	0.15		0.26	2.74 4.5	0700 EST

ACON MD / DE / DC
FEBRUARY 2011 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	TOTAL	OBS TIME
LAUREL JHU / APL GIANNOLA	0.11	0.66			0.21			0.01	0.01 0.1											0.03	0.28 >	0.32 2.5		0.04	0.44			0.49	2.60 2.6	2400 EST
NORBECK 1 SE BERGER	0.01	0.76			0.21			0.02	0.01 0.1	T T										0.02	0.12 0.1	0.30 1.4		0.02	0.41			0.56	2.44 1.6	2200 EST
POTOMAC 4N COHEN	T	0.84			0.23				T T					T				T		T	0.10 T	0.33 0.9		0.03	0.35			0.62	2.50 0.9	2100 EST
OLNEY 1 S GIANNOLA	>	0.78			0.17			0.01	0.01 0.1											0.01	> >	0.54 2.0		>	0.40			0.52	2.44 2.1	2400 EST
CLARKSBURG 2ENE HOLDEN	0.20	0.68			0.22			0.01 T	T T											T T	0.45 1.5	0.30 3.0		0.11	0.35			0.46	2.78 4.5	2400 EST
MONTGOMERY VILLAGE ROTH 1SW	M	M			M				T T											0.02	0.25 0.8	0.24 1.0		0.07	0.37			0.43	1.38 1.8	2400 EST
GLENMONT 1NNE ROSSEN	0.16	0.64			0.23			0.02	0.01 0.1	T T										T	0.17 0.2	0.15 0.7		0.06	0.35			0.66	2.45 1.0	2400 EST
BETHESDA SCAFIDE	0.35	0.96			0.23			0.02													0.05	0.06	0.09	0.13	0.25			0.71	2.85 -	2400 EST
GAITHERSBURG 2WNW SHAW	0.17	0.65			0.19				T T											T	0.34 0.7	0.16 1.4		0.07	0.33			0.46	2.37 2.1	2400 EST
FOREST GLEN TERRY	0.16 T	0.69			0.25			0.02	0.01 0.1	T T										0.01	0.20 0.2	0.13 0.8		0.05	0.30			0.77	2.59 1.1	2400 EST
OXON HILL SMITH	0.28	0.51			0.14		0.02		0.04 0.5												0.08 0.1	0.05 0.4		0.08	0.26			0.70	2.16 1.0	2300 EST
HOLLYWOOD 3 ENE GLEASON	T	0.67				0.11				0.01 0.2												0.09 0.2			0.12				1.00 0.4	0700 EST
RIDGE ZYLA	0.02	0.46			0.10		0.01			0.07 0.8								T			T	0.07 0.2	T	0.16	0.08			0.66	1.63 1.0	2400 EST
SMITHSBURG 1.5 SW HUTTO	0.34 T	0.80 T			0.31 T		0.01													0.08 0.1	0.31 4.0	0.36 2.0		0.26	0.32		0.04	0.47	3.30 6.1	2400 EST
HAGERSTOWN 1E KEEFER	0.40 T	0.71 T			0.36 T		0.02	T T					T T							0.06 T	0.50 3.5	0.09 1.0		0.26	0.27			0.34	3.01 4.5	2400 EST
SMITHSBURG 3 NE VAUGHN	0.44	0.89			0.48 0.2		0.01	0.01 0.1												0.06 0.7	0.52 5.0	0.10 1.1		0.31 T	0.35 T		0.04	0.68	3.89 7.1	2400 EST
SALISBURY NWS WICOMICO CO APT	T	0.46			0.05		0.04			0.09											0.02	0.09		0.09	0.20			0.67	1.71	2400 EST
WASH NATIONAL NWS ASOS	0.10	0.66			0.14			0.01	0.01 0.1	T T										T	0.14 0.2	0.07 0.2		0.06	0.27			0.66	2.12 0.5	2400 EST
WASH DULLES NWS ASOS	0.11	0.59			0.16			T	T 0.1	T T										0.01	0.22 0.4	0.08 0.2		0.13	0.20		T	0.71	2.21 0.7	2400 EST
STERLING 4 N SHAFFER	> T	0.85			0.15		>	0.17	T T												> >	0.12 1.2		0.11	0.62			M	2.02 1.2	2400 EST
DAVIS 3 SE WV LESHER	0.12	0.61	0.09 1.7	0.01 0.2	0.10	0.29 2.5	T T	0.16 2.2	0.25 6.6	0.07 2.1	T T	0.02 0.4	0.07 1.6		0.38 2.9			T	0.03		0.44 0.6	1.10 1.6	0.03 0.7	T	0.51 1.8	0.28 T	0.55	5.11 24.9	0700 EST	