ISSUE FEBRUARY



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

<u>A</u>TLANTIC <u>C</u>OAST <u>O</u>BSERVER <u>N</u>ETWORK, MD / DE / DC CHAPTER

WITH DATA FROM NEARBY AREAS

WARM MONTH CAPPED OFF A WARM WINTER

The following excerpt was taken from Jeff Stoudt's of Laurel 2 E monthly "This February completed a summary. trifecta of mild months this meteorological winter and when combined produced one of the warmest winters on record. Leap Day accounted for 63% of February's precipitation and decided between February being only a slightly sub normal in precipitation rather than being significantly subnormal." Another result of the mild winter temperatures came from Rich Giannola of Olney 1 S. On the 5th Rich reported the earliest crocus bloom since he began keeping records in 1991.

February began with unseasonably warm temperatures. Maximums were in the mid 60's to around 70° while minimums ranged from the mid 40's to lower 50's. This was the warmest day at a majority of locations.

Temperatures declined from the 2nd till they reached their coldest around the 12th. Minimums on the 12th ranged from the mid teens to around 20°. Maximums on 12th failed to rise above freezing at all but a few stations, the only day when the temperature failed to rise above freezing at most locations.

The cold spell was brief, which was typical for the winter 2011-12. Temperatures quickly rebounded.

There was a general uptrend of temperatures for the balance of the month. 60° plus temperature returned for the 22nd to 24th and the 27th.

Precipitation this month was below normal. If it wasn't for the storm which occurred on the 29th a majority of stations would have totals of less than an inch. Snowfall totals were also below normal.

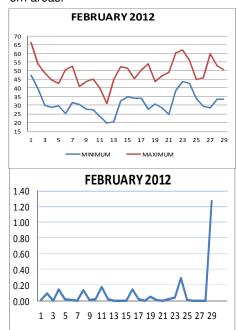
Precipitation events were frequent but except for the 29th they were all generally less than a quarter of an inch liquid. The second heaviest amounts occurred on the 24th. Totals varied across the region from 2/3's of an inch at Georgetown DE DEOS and at Lothian Jug Bay Wetland to around a tenth of an inch in portions of

the Washington DC suburbs. Thunder was reported by some observers. Also a tornado watch was issued for extreme Southern Maryland.

Snowfall was concentrated to two periods, the 4th to the 12th and the 25th. Amounts of upwards of an inch fell west of Baltimore / Washington on the 4th. Light snows of an inch or less fell on the 8th across the region except in Carroll County where amounts ranged upwards to 2" while Washington County snowfall amounts were in the 1" plus range.

Snow again fell on the 11th & 12th. One to three plus inches fell across northern DE & MD. An inch and a quarter or less fell in the Central and Southern regions.

The last snowfall of the month occurred on the 25th. A trace to a few tenths of an inch fell in central and southern areas.



ACON MD/DE Network

Daily average temperatures and precipitation based on observation times, not calendar days.

EXTREMES REPORTED BY

ACON OBSERV	VERS
MAXIMUM TEMPER	ATURE
Bryans Road 2 ESE	71
Forest Glen	71
Pasadena 2 N	70
Lothian	70
Glenmont 1 NNE	70
Ridge	70
MINIMUM TEMPERA	<u>ATURE</u>
Davis 3 SE WV	0
Frostburg	9
Smithsburg 3 NE	11
WARMEST AVG. T	TEMP.
Ridge	44.1
Hollywood 3 ENE	43.5
Bryans Road 2 ESE	43.2
COLDEST AVG. T	
Davis 3 SE WV	29.6
Frostburg	33.4
LaVale	37.6
Smithsburg 3 NE	37.6
MAXIMUM PRECIPI	
Davis 3 SE WV	3.88
Ridge	3.74
Lothian	3.21
MINIMUM PRECIPIT	
Emmitsburg 2 SE	0.93
Frostburg	1.65
MAXIMUM SNOW	
Davis 3 SE WV	25.0
Frostburg	9.1
Manchester 1 SW	8.0

Please submit your data by the <u>20th</u> of the following month. Requesting data from observers delays issuing the report. If there are any situations which may delay your data please contact Gary Gallaher or Kevin Shaw.

OBSERVER COMMENTS FOR FEBRUARY 2012

Gary Gallaher of Bear 2 SW, DE

This was the third warmest of 46 Februarys' here. The longest consecutive days with minimum temperature ≤32° this winter occurred from the 3rd to the 21st. Total miles of wind was the lowest since this type of record began in 2006.

Winter 2011-12: Avg. max 48.8°, Avg. min 29.4°, Avg. mean 39.1° (each the 2nd warmest out of 45 winter seasons). It was also the first winter without a temperature below 20°. Precipitation 9.20°, Snowfall 4.9°. Normal winter average temperature 34.1°, precipitation 9.82°, snowfall 19.8°.

Greg Latta of Frostburg

5th - Max snow depth for the month at obs. time was 4".

24th - Fog with visibility of < ½ mile at obs. time.

29th - Periods of rain, heavy at times, after daybreak.

Nate Mullins of LaVale

February's average minimum temperature of 30.1° set a new record high for February.

<u>Winter 2011-12</u> Average temperature of 36.4° is the 4th warmest on record. 9.2" of snow is the 3rd lowest in 64 years of local records.

1st - Record high minimum temperature of 49°. Old record was 43° set in 1988.

4th & 5th - SN during PM hours of the 4th, SHSN (snow flurries) on the 5th. 2" of slushy SN fell.

23rd - Record high minimum temperature of 45°. Old record was 42° set in 1996..

Jeff Stoudt of Laurel 2 E

4th - Mid afternoon -RA mixed with evening wet -SN.

25th - "Feeble" -SHSN (snow flurries) at times.

Marty Sharrow of Owings Mills

1st - Clearing and warmer.

8th - Inc. clouds with -SN in afternoon and early evening.

11th - Cloudy, cold with –SN.

12th - Variable clouds, very windy, frigid.

21st - Frosty start, variable clouds, windy & mild.

25th - Variable clouds, very windy, colder, snow flurries.

29th - Rainy, fog, evening thunderstorms.

Herb Close of Manchester 1 SW

Seven days with measurable snow. At least a trace of snow cover for 8 consecutive days between the 8th to the 15th.

Ralph Hartsock of Westminster 4 SSE

4th - PM SN ends early evening.

8th - SN arrived @ noon, ends in the evening.

11th - Early SN, colder & windy late.

16th - Some RA ended early.

24th - Foggy, some SHRA, windy late.

Bobby Miller of Millers 4 NE

4th - Afternoon and evening wet SN.

6th - Heavy AM frost.

8th - Afternoon / evening light to moderate SN. Light SG (snow grains) during evening.

11th - 4 PM SNSQ (snow squall)

18th - Virga.

29th - At 6 PM +FG, visibility zero.

Marty Brumback of Bryans Road 2 ESE

16th - -FG began ~10 PM & became +FG with visibility < 1/4 mile by 11:30 PM.

17th - +FG @ 7 AM obs.

19th - -BR (mist) 7:02 PM switched over to SN at 8:15 PM. SWE ratio 7:1. Temperature ≥33° at all times.

Rob Cohen of Potomac 4 N

8th - Mixed -RA & -SN 2-8 PM.

11th - -RA to -SN predawn, SNSQ 3:30PM, SHSN 10-12PM.

25th - Quite windy, SHSN 8 AM.

29th - +RA 8-12 AM, Thunder 2 PM.

Rich Giannola of Olney 1 S

1st - Predawn -SHRA.

4th - RA began mid afternoon, changing to RASN then all SN by 4:45 PM. SN ended in early evening. -DZ at 8:45PM.

11th - Four snow events: Overnight RA changed to SN and ended before dawn brought 0.7" SN & .21" liquid. –SNSN 9:15AM to 1:00PM brought a trace of snow and .01 liquid. +SHSN began 3:00 PM was accompanied by strong, gusty winds, SN ended by 4:00PM brought 0.3" snow and .02" liquid. Late evening SHSN brought .3" more SN and .02" liquid.

29th - RA during day. TSRA 6:40-7PM. RA ended 8PM, totaled 1.57". More RA in evening brought another 0.18".

Alexander McGinnis of Rockville 2 W

6th - Moderate frost.

8th - -RA began late PM, mixed with wet -SN before midnight....

9th - ... and ended ~7AM (0.6"). AM min 33°. Occasional –SN 9:25AM–12:20PM, then –SHSN & SHSN 2:44-3:31PM as temp 39° to 31° (0.5" fluffy SN), few flakes ~4:10PM, finally -SHSN / SHSN ~9PM-midnight (0.2").

16th - Late evening –FG.

17th - Early AM -FG.

29th - RA 7:20-11:40AM (1.12") TSRA 1:50-2:50PM (0.06") –RA & RA 4-9PM (0.43").

Stan Rossen of Glenmont 1 NNE

1st - A couple of -SHRA showers moved in after 4:40AM and were over by 6:30AM.

8th - -RA began shortly before 2 PM and mixed with and changed to SN as the afternoon progressed. As the precip tapered off there was a period of -PL around 6:45 PM as it transitioned back to light sprinkles that continued past 8 PM. Also like the 4th the snow melted by my midnight obs time.

11th - -RA changed to -SN and ended as flurries after 7AM (0.3"). The snow melted by midday. Intermittent sprinkles fell during the midday hours. The cold front arrived at just about 3 PM with gusty breezes and a shower that was initially a moderate mix of snow pellets and snow. After a few minutes the snow pellets disappeared.

Continued on Page 3

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.

Continued from Page 2

Stan Rossen of Glenmont 1 NNE (Cont.)

11th (Cont.) The SN continued until 4:15 PM adding another 0.2" on non-pavement surfaces before melting off. Another 0.1" of SN fell mid evening through obs.

29th - The barometer was quite erratic throughout its day long fall with quite a few brief rapid rises and falls. One notable example was a fall from 29.93" at 2:10 PM to 29.79" at 2:42 PM. It edged up to 29.88 at 2:55 PM, then shot up to 29.85 at 3:05 PM and to 29.67" a short time later before leveling off. 60% of the months rain fell today. Today's precipitation was a daily record as it became the last date in my 35 ½ years of records to record measurable precipitation.

Kevin Shaw of Gaithersburg 2 WNW

February's average mean temperature of 41.2° was the warmest ever. The old record was 41.0° in 1990. The average minimum of 32.2° surpassed the previous record of 30.5° in 1998. The average maximum of 50.2° was the 3rd warmest and only the 4th February with a 50° or warmer February average maximum temperature. Snowfall, while anemically low once again in this virtually snowless winter, actually wound up as only the 16th least snowy February.

1st - AM sprinkles, partly cloudy very warm rest of the day.

11th - SN midnight to 4 AM (0.7"), SNSQ 2:30-3:15 PM (0.4"), SHSN 11PM to midnight (0.2").

15th - Mostly sunny, mild.

19th - Cloudy, colder, snow just to south missing station.

29th - Foggy at times, rain most of the day, heavy at times, TSRA ~2 PM and 6 PM.

Joe Terry of Forest Glen

1st - Mostly sunny and unusually warm, 71°. Though warm for Feb 1st, it was still 4 degrees below the record for the date (records go back to 1995).

23rd - Rather frequent lightning south and southeast just before midnight and continuing into early on the 24th.

24th - Brief TSRA between 1400 and 1500. One impressive cloud-to-ground discharge observed west at 2:10PM.

Cold FROPA occurred around 7 PM followed by a 20° dew point drop in 40 minutes.

Brian Smith of Oxon Hill

11th - -RA 0000-1300; -SHSN 1500-1700; -SN 2200-2400

12th - –SN 0000-0100. Amounts estimated due to strong winds.

19th - -RA -SN 2000-2300, 0.1" SN.

Wes Gleason of Hollywood 3 ENE

2nd - Rain early, then sunny.

21st - 1% ice cover on creek, shallow areas only.

25th - Wind 10 minute average 20 to 25 mph for 8 hours.

John Zyla of Ridge

6th - Mostly clear, Hard Freeze this morning, Heavy Frost on grass and everywhere else, looked like snow!

11th - –RA 4:47-7 AM, 0.05", 7-10:27am, 0.05", Sleet 2:54-3pm, 0.01, +SN 4:54-5:15 PM, 0.2" (0.02"), then melted, occasional -SN flurries thru midnight.

12th - SN midnight to 2AM, 0.3" (0.01"), then clearing skies & sunny.

13th - Clear sky. Snow covering much of the lawn.

24th - TSRA, 0.02" from 12:55-1:10 AM. Cloudy skies in am, Sunny & warmer w/ afternoon +TSRA, 3:10-4:30pm, 0.33". +TSRA w/thunder and lightning at 4:20-4:30 PM.

29th - Cloudy, 1st TSRA 9:15 AM-12:50 PM, 0.83", 2nd TSRA, 6:45-11:25pm, 0.78".

Max Hutto of Smithsburg 1.5 SW

16th - Cloudy, RA mid-AM through mid-afternoon, Cool, Windy.

24th - Overnight RA (0.31"), (2 day RA event total 0.44"), Slightly cooler, Very Windy.

25th - Partly cloudy, colder, very windy.

Greg Keefer of Hagerstown 1 E

1st - Partly cloudy, warm, windy. 63° not even close to the record of 75 set in 1989.

4th - RA began ~2 PM, then began mixing with SN later in the afternoon then to all SN by 5 PM and fell till ~7 PM. A few -SHSN (flurries) fell later in the evening.

8th - Wet SN fell between 11 AM and 7 PM was briefly moderate at times toward evening.

11th - Periods of snow today: Midnight to 2 AM, 0.2", 9:30 AM to noon , 0.3", SHSN ~2 PM, T. Windy and colder afternoon and evening. SNSQ (snow squall) 10-11 PM, 0.1", windy with BLSN (blowing snow) and temperatures falling into upper teens.

18th - Sunny, mild, windy.

29th - Late evening lightning and thunder.

<u>Winter 2011-12</u> was the 6th warmest since 1898. The winter average temperature was 37.4°. The warmest winter was 40.2° in 1931-32. Precipitation 9.08", Snowfall 5.7". A normal winter average temperature is 33.0°, precipitation 8.71", snowfall 22.2".

Jim Vaughn of Smithsburg 2 NE

Winds gusted > 40 MPH on the 16th, 22nd to 25th.

Winter 2011-12 was the 4th warmest. The winter average temperature was 37.4°. The warmest winter was 39.5° in 1997-98. Precipitation 9.68", Snowfall 9.6".

A normal winter average temperature is 31.8°, precipitation 9.09", snowfall 25.5".

Lance Shaffer of Sterling 4 N VA

25th & 26th - Gusty winds.

PUBLIC INFORMATION STATEMENT...CORRECTED
NATIONAL WEATHER SERVICE BALTIMORE MD/
WASHINGTON DC
347 PM EST THU MAR 1 2012

...PUBLIC INFORMATION STATEMENT...
...PRELIMINARY CLIMATE STATS FOR 2011-12 METEOROLOGICAL WINTER...

IN THE FOLLOWING SUMMARY...METEOROLOGICAL WINTER IS DEFINED AS THE CONTIGUOUS PERIOD SPANNING DECEMBER 1ST THROUGH THE LAST DAY OF THE FOLLOWING FEBRUARY...A PERIOD HEREAFTER DENOTED AS DJF WINTER.

FOR THIS SUMMARY...THE MID-ATLANTIC SNOW-FALL SEASON SPANS A PERIOD FROM OCTOBER 1ST THROUGH MAY 1ST.

...AVERAGE TEMPERATURES THIS METEOROLOGI-CAL WINTER 2011-12...

FOR WASHINGTON DC...MEASURED AT REAGAN NATIONAL AIRPORT...DCA...

THE AVERAGE DJF WINTER TEMPERATURE OF 43.4F RANKS AS THE 3RD WARMEST WINTER...ON RECORD BEHIND ONLY THE DJF WINTERS OF 1931-32...44.6F AND 1889-90...44.3F.

FOR BALTIMORE MD...MEASURED AT BWI THURGOOD MARSHALL AIRPORT...BWI...

THE AVERAGE DJF WINTER TEMPERATURE OF 40.7F RANKS AS THE 7TH WARMEST WINTER ON RECORD...THE WARMEST DJF WINTER SINCE 1949-50. THE WARMEST DJF WINTER IN BALTIMORE WAS 1931-32...45.3F.

FOR DULLES AIRPORT...IAD...

THE AVERAGE DJF WINTER TEMPERATURE OF 40.1F RANKS AS WARMEST ON RECORD ...BREAKING THE PREVIOUS WARMEST DJF WINTER OF 39.8F SET IN 2001-02. THE PERIOD OF RECORD AT DULLES GOES BACK TO 1962.

...SNOWFALL...

...WASHINGTON DC...MEASURED AT DCA...

THE DJF WINTER SNOWFALL OF 2.0 INCHES IN WASHINGTON IS TIED WITH 2008-09 FOR THE 8TH LEAST SNOWIEST DJF WINTER ON RECORD. THE LOWEST DJF WINTER SNOWFALL TOTALS WERE BOTH 0.1 INCHES MEASURED DURING BOTH 1972-73 AND 1997-98.

IF NO ADDITIONAL SNOWFALL IS MEASURED THROUGH MAY 1ST AT DCA...THE CURRENT SNOWFALL SEASON WOULD RANK AS THE 3RD LEAST SNOWIEST ON RECORD...BEHIND ONLY THE 0.1 INCH DURING THE 1972-73 AND 1997-98 SNOWFALL SEASONS.

...BALTIMORE MD...MEASURED AT BWI...

THE DJF WINTER SNOWFALL OF 1.8 INCHES IN BALTIMORE RANKS AS THE 5TH LEAST SNOWIEST DJF WINTER ON RECORD. THE LOWEST DJF WINTER SNOWFALL TOTAL AT BALTIMORE IS 0.5 INCH IN 1949-50.

IF NO ADDITIONAL SNOWFALL IS MEASURED THROUGH MAY 1ST AT BWI...THE CURRENT SNOWFALL SEASON WOULD RANK AS THE 3RD LEAST SNOWIEST ON RECORD...BEHIND ONLY THE 0.7 INCH IN 1949-50 AND 1.2 INCHES IN 1972-73.

...DULLES AIRPORT...IAD...

THE DJF WINTER SNOWFALL OF 3.1 INCHES AT DULLES RANKS AS THE 5TH LEAST SNOWIEST DJF WINTER ON RECORD. THE LOWEST DJF WINTER SNOWFALL TOTAL AT DULLES IS 0.3 INCH IN 1972-73

IF NO ADDITIONAL SNOWFALL IS MEASURED THROUGH MAY 1ST AT IAD...THE CURRENT SNOWFALL SEASON WOULD RANK AS THE 3RD LEAST SNOWIEST ON RECORD...BEHIND ONLY THE 2.2 INCHES IN 1972-73 AND 2.6 INCHES IN 2001-02.

...OTHER MISCELLANEOUS DJF WINTER STATS...

REALLY COLD DAYS THIS PAST WINTER WERE RARE. THE DAILY MAX TEMP AT DCA WAS ABOVE FREEZING THIS DJF WINTER ON ALL BUT ONE DAY...JAN 22ND...JOINING THE RANKS OF ONLY FOUR OTHER DJF WINTERS WITH ONE SUCH DAY. DURING THE WARM WINTERS OF 1931-32 AND 1997-98...EACH DAY FEATURED A MAX TEMP THAT EXCEEDED 32F.

AT DCA...AVERAGE DAILY TEMPERATURES OF 5F OR MORE BELOW NORMAL OCCURRED ON 7 DAYS THIS DJF WINTER...1 IN DEC...4 IN JAN AND 2 IN FEB. AT BWI...ONLY 6 DAYS AVERAGED 5F OR MORE BELOW NORMAL...1 IN DEC...4 IN JAN AND 1 IN FEB.

CORRECTED TO CLARIFY TERMINOLOGY OF SEA-SONAL VS METEOROLOGICAL WINTER AVERAGING PERIODS.

JRK/SMZ/MRK

RECORD EVENT REPORT
NATIONAL WEATHER SERVICE MOUNT HOLLY NJ
922 AM EST FRI MAR 2 2012

SXUS71 KPHI 021421

RERILG

...FIFTH WARMEST FEBRUARY ON RECORD AT WIL-MINGTON...

...THIRD WARMEST METEOROLOGICAL WINTER ON BECORD AT WILMINGTON...

FEBRUARY, 2012 WAS THE FIFTH WARMEST FEBRUARY ON RECORD WITH AN AVERAGE TEMPERATURE OF 39.9 DEGREES. THE WARMEST ON RECORD OCCURREDIN 1976, WHEN THE AVERAGE TEMPERATURE WAS 41.2 DEGREES.

METEOROLOGICAL WINTER (DECEMBER, JANUARY AND FEBRUARY), 2011/2012 WAS THE THIRD WARMEST ON RECORD WITH AN AVERAGE TEMPERATURE OF 39.5 DEGREES. THE WARMEST ON RECORD OCCURRED IN 1931/1932, WHEN THE AVERAGE TEMPERATURE WAS 41.6 DEGREES.

RECORDS DATE BACK TO 1894.

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THE TWELVE WARMEST FEBRUARYS AT WILMING-TON DATING BACK TO 1894:

RANK	TEMPE (DEGREES	ERATURE S F)	YEAR	
1	41.2	1976		
2	41.1	1990		
3	40.9	1998		
4	40.4	1954		
5	39.9	2012		
6	39.7	1925		
6	39.7	1991		
8	39.4	2002		
9	38.9	1997		
10	38.6	1939		
10	38.6	1949		
10	38.6	1984		

THE ELEVEN WARMEST METEOROLOGICAL WINTERS AT WILMINGTON DATING BACK TO 1894:

RANK	(TEMP	ERATURE	YEAR
	(DEGREE	S F)	
1	41.6	1931/1932	
2	39.9	2001/2002	
3	39.5	2011/2012	

4	39.4	1997/1998
5	38.3	1990/1991
6	38.1	1949/1950
7	38.0	1948/1949
8	37.8	1932/1933
9	37.7	1952/1953
10	37.6	1972/1973
10	37.6	1998/1999

MPD

SXUS71 KPHI 201522 RERILG

RECORD EVENT REPORT NATIONAL WEATHER SERVICE MOUNT HOLLY NJ 1122 AM EDT TUE MAR 20 2012

...SEVENTH LEAST SNOWY COLD SEASON AT WIL-MINGTON...

THE COLD SEASON OF 2011/2012 WAS THE SEVENTH LEAST SNOWY WITH 5.2 INCHES. THE LEAST SNOWY COLD SEASON OCCURRED IN 1949/1950, WHEN 1.0 INCH FELL.

RECORDS DATE BACK TO 1894.

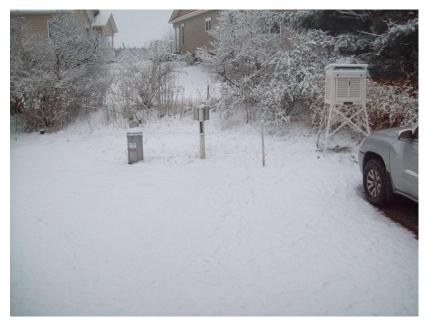
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THE TEN LEAST SNOWY COLD SEASONS AT WIL-MINGTON DATING BACK TO 1894:

RANK	MEASU (INCHES	RABLE SNOWFALL)	YEARS
1 2 3	1.0 1.2 2.4	1949/1950 1972/1973 2001/2002	
4	3.5	1991/1992	
5	4.3	1918/1919	
6	4.8	1950/1951	
7	5.2	2011/2012	
8	5.7	1930/1931	
9	7.3	1958/1959	
10	7.4	1937/1938	

MPD





Morning of February 11 , 2012
Pictures supplied by Herb Close of Manchester 1 SW, MD

ACON MD /DE / DC FEBRUARY 2012 SUMMARY

					TI	EMPER	RATUR	RE				PE	AK WII	ND		P	RECIP	ITATIO	N			SNOV	VFALL	.	OBS
OBSERVER	STATION	AVG	AVG	MEAN	MAY	DAY	MIN	DAV	MAX	MAX	MIN	CHET	DIR	DAY	TOTAL	MAX	DATE	YEAR	DAYS	DAYS	TOTAL	MAX	DATE	SEA-	TIME
COUNTY,	STATE	MAX	MIN	WEAN	WAX	DAI	IVIIIV	DAI	>=90	<=32	<=32	5051	DIK	DAI	IOIAL	DAY	DATE	ILAN	>=.01"	>=1"	IOIAL	DAY	DAIL	SON	
New Castle	<u>, Delaware</u>																								
Gallaher, Gary	Bear 2 SW	49.0	29.6	39.3	67	1	20	12	0	0	22	44	W	25	1.88	1.02	29	4.72	7	1	2.3	2.0	11	5.2	2400
Legates, David	Middletown 6 N	49.2	30.5	39.9	68	1	20	12	0	1	21	30		25	2.08	1.00	29	4.63	12	1					2400
NWS Wilmington	New Castle Co. Apt.	48.9	31.0	40.0	67	1	18	12	0	1	21	46	W	25	2.09	1.14	29	4.64	7	1	2.3	2.0	11	5.2	2400
UofDE AG FARM DEOS***	Newark	48.0	30.7	39.4	67	1	19	12	0	1	21	28		25	1.97	1.11	29	4.90	8	1					2400
U of D REC DEOS***	Townsend 4 W	47.8	30.1	39.0	66	1	19	12	0	1	21	30		25	1.79	0.93	29	4.40	10	0					2400
Sussex, L	<u>Delaware</u>																								
NWS Georgetown	Sussex Co. Airport	51.9	32.1	42.0	66	1	22	12+	0	1	20	56	SSE	10	2.61	0.80	29	4.52	11	0					2400
U of D REC DEOS***	Georgetown 5 SW	49.7	30.6	40.2	65	1	20	13	0	1	23	33		25	3.05	1.21	29	4.66	13	1					2400
U of D REC DEOS***	Harbeson 8 S	49.8	30.5	40.2	65	1	20	13	0	1	22	28		29	2.98	1.15	29	4.92	12	1					2400
U of D DEOS***	Rehoboth Beach Bwk	49.2	35.3	42.3	66	1	21	12	0	1	6	28		20	2.56	1.15	29	4.40	12	1					2400
<u>Allegany, i</u>	<u>Maryland</u>																								
Latta, Greg	Frostburg	42.1	24.6	33.4	58	1	9	12	0	4	25				1.65	0.46	24	5.03	10	0	9.1	4.1	5	31.2	0700
Mullins, Nate**	LaVale	45.0	30.1	37.6	62	27	15	12	0	1	20				2.75	1.43	29	5.99	10	1	4.8	2.0	4	16.2	2400
Anne Arunde	el, Maryland																								
Hanson, Dan	Pasadena 2 N	50.1	30.8	40.5	70	1	18	13	0	1	19	33	WNW	25	2.35	1.49	29	4.62	10	1	0.0	0.0		0.7	2400
Jug Bay Wetlands	Lothian	51.6	30.4	41.0	70	1	17	13	0	1	19	22		17	3.21	1.48	29	5.29	13	1					2400
NWS Baltimore	BWI Airport	51.1	32.1	41.6	70	1	20	13	0	1	16	48	W	24+	2.42	1.64	29	4.96	8	1	0.5	0.5	11	1.8	2400
Stoudt, Jeff	Laurel 2 E	50.9	32.8	41.9	68	1	20	13	0	1	14				2.54	1.59	29	4.95	11	1	0.7	0.6	11	2.9	2400
<u>Baltimore,</u>	<u>Maryland</u>																								
Sharrow, Marty	Owings Mills 2 SE	48.0	30.4	39.2	64	1	17	12	0	1	20				1.85	1.21	29	3.76	8	1	2.7	1.2	11	5.4	2400
Baltimore Cit	y, Maryland																								
Manfre, Joe	Baltimore 2 SE					STAT	T NOI	EMP	ORAF	RLY C	LOSE)													2400
Maryland Science Ctr	Baltimore Inner Harbor	53.0	38.8	45.9	71	1	25	12+	0	0	3				2.39	1.56	29	4.14	7	1					2400
<u>Carroll, N</u>																									
Close Jr, Herb	Manchester 1 SW	46.6	29.3	38.0	64	1	14	12	0	1	20				2.46	1.20	29	4.73	7	1	8.0	3.4	11	21.6	2300
Hartsock, Ralph	Westminster 4 SSE	47.7	31.1	39.4	63	1	17	12	0	1	22	52	WNW	25	1.73	0.85	29	4.03	6	0	3.4	1.2	11	7.9	1900
Miller, Bobby	Millers 4 NE	47.7	29.9	38.8	64	1	16	12	0	1	21	52	WSW	25	2.32	0.90	29	5.05	11	0	6.4	2.0	8	18.1	1800
<u>Charles, I</u>	<u>Maryland</u>																								
Brumback, Marty	Bryans Road 2 ESE	52.3	34.0	43.2	71	1	19	13	0	1	12	36	WNW	12	2.82	1.39	29	4.45	13	1	1.1	0.9	19	2.7	2355
<u>Frederick,</u>	<u>Maryland</u>																								
Glass, Eric	Emmitsburg 2 SE	48.1	27.9	38.0	63	1+	19	12	0	1	22				0.93	0.31	24	3.37	8	0	2.0	1.0	9	7.0	0700
<u>Howard, I</u>																									
Giannola, Rich	Laurel JHU / APL					STAT	ION (CLOSE	ED 2/	1/2012	2							<u>1.83</u>						<u>1.8</u>	2400

ACON MD /DE / DC FEBRUARY 2012 SUMMARY

					TI	EMPER	RATUF	RE				PE	AK WII	ND		Р	RECIP	ITATIO	N		1	SNOV	VFALL		OBS
OBSERV	ER STATION	AVG	AVG	MEAN	MAV	DAV	MIN	DAV	MAX	MAX	MIN	CHET	DID	DAV	TOTAL	MAX	DATE	VEAD	DAYS	DAYS	TOTAL	MAX	DATE	SEA-	TIME
	COUNTY, STATE	MAX	MIN	WEAN	IVIAA	DAT	IVIIIN	DAT	>=90	<=32	<=32	3031	DIK	DAT	IOIAL	DAY	DATE	IEAR	>=.01"	' >=1"	IOIAL	DAY	DATE	SON	
Mo	ontgomery, Maryland																								
Berger, Ron	Norbeck 1 SE	49.8	32.1	41.0	66	1	20	12+	0	1	17				2.49	1.55	29	4.74	9	1	1.2	0.5	11	3.1	2200
Cohen, Rob	Potomac 4 N	50.3	32.7	41.5	67	1	20	13	0	1	17				2.38	1.36	29	4.76	9	1	0.7	0.5	11	2.0	2100
Giannola, Rich	Olney 1 S	49.2	31.2	40.2	65	1	18	12	0	1	15				2.53	1.75	29	4.65	7	1	1.9	1.3	11	4.2	2400
Holden, Richard	Clarksburg 2 ENE	48.5	32.1	40.3	65	1	19	11+	0	1	17	49	W	24	3.03	2.00	29	4.96	8	1	5.6	2.3	11	11.8	2400
McGinnis, Alex	Rockville 2 W	50.3	32.5	41.4	68	1	19	11+	0	1	15				2.49	1.51	29	5.05	9	1	1.5	1.3	11	3.9	2400
Rossen, Stan	Glenmont 1 NNE	52.0	31.3	41.7	70	1	19	13	0	1	17	27		11	2.46	1.45	29	4.73	9	1	0.9	0.6	11	2.7	2400
Scafide, Tony	Bethesda	50.1	33.5	41.8	68	1	20	12	0	1	14	29		12	2.45	1.39	29	5.02	10	1					2400
Shaw, Kevin	Gaithersburg 2 WNW	50.2	32.2	41.2	66	1	21	11+	0	1	17	32	SW	24	2.62	1.81	29	4.69	7	1	2.7	1.3	11	5.0	2400
Terry, Joe	Forest Glen	52.8	33.0	42.9	71	1	21	11+	0	0	15	39	SW	25	2.33	1.43	29	4.97	10	1	0.5	0.5	11	3.0	2400
<u>Prin</u>	ce Georges, Maryland																								
Smith, Brian	Oxon Hill	51.9	34.0	43.0	69	1	21	11+	0	1	12				2.55	1.40	29	4.65	11	1	0.4	0.2	11	2.8	2300
3	St. Marys, Maryland																								
Gleason, Wes	Hollywood 3 ENE	51.3	35.6	43.5	68	1	22	13	0	0	8	40	W	25	3.14	1.39	29	4.57	15	1	0.0	0.0		0.1	2400
Zyla, John	Ridge	51.6	36.5	44.1	70	24	21	13	0	0	9	29	NE	20	3.74	1.61	29	5.68	13	1	1.4	8.0	19	1.7	2400
<u>W</u>	<u> ⁄ashington, Maryland</u>																								
Hutto, Max	Smithsburg 1.5 SW	47.3	28.2	37.8	63	27	19	12	0	1	21	33		24	2.90	1.61	29	6.27	10	1	3.7	1.5	8	12.8	2400
Keefer, Greg	Hagerstown 1 E	47.6	29.0	38.3	64	27	19	11+	0	1	19	53	W	24	2.71	1.44	29	5.47	8	1	2.9	1.2	8	9.4	2400
Vaughn, Jim	Smithsburg 3 NE	46.1	29.0	37.6	62	27	11	12	0	1	21	52	NE	24	2.64	1.51	29	5.72	9	1	6.1	1.9	8	16.9	2400
<u>V</u>	<u> Vicomico, Maryland</u>																								
NWS Salisbury	Wicomico Co. Apt	53.4	31.8	42.6	77	24	18	13	0	1	21	48	WSW	24	3.60	1.54	29	5.69	12	1					2400
	Arlington, Virginia																								
NWS Washingto	on National National Airport	52.4	36.3	44.4	72	1	23	11+	0	0	5	49	NNW	12	2.33	1.44	29	4.52	10	1	0.3	0.2	11	2.0	2400
	Loudon, Virginia																								
NWS Washingto	on Dulles Dulles Airport	51.1	30.8	41.0	69	1	17	13	0	1	17	51	WNW	24	2.24	1.35	29	4.09	9	1	1.4	1.2	11	3.7	2400
Shaffer, Lance	Sterling 4 N	50.7	33.2	42.0	69	1	20	12	0	0	13				<u>1.21</u>	1.00	29	<u>2.71</u>	3	1	1.2	1.2	11	3.8	2400
<u>T</u>	ucker, West Virginia																								
Lesher, Dave	Davis 3 SE WV	38.3	20.9	29.6	55	25	0	12	0	9	26				3.88	0.55	24	9.49	17	0	25.0	8.5	12	101.2	0700
SI	ECTION AVERAGE*	49.6	31.6	40.6											2.45			4.79			2.5			7.1	

^{*}SECTIONAL AVERAGE DOES NOT INCLUDE DATA FROM WEST VIRGINIA.

NOTES:

M OR <u>UNDERLINE</u> = 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.

ANY PRECIP. WHICH FELL AFTER OBS. ON THE 29th IS INCLUDED IN 3/1 PRECIP.DATA.

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 3/30/12

^{**}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

ACON MD / DE / DC FEBRUARY 2012 DAILY TEMPERATURES

BEAR SEW DE 67 50 47 45 48 51 51 40 42 95 38 33 46 94 51 51 40 42 95 38 43 46 94 51 51 40 42 95 34 45 45 95 94 94 94 51 50 93 94 80 92 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 94 94 95 95 95 94 94 95 95 94 94 95 95 95 94 94 95 95 95 94 94 95 95 94 94 95 95 95 94 94 95 95 94 94 95 95 95 94 94 95 95 95 95 95 95 95 94 95 95 94 95 95 95 94 95 95 95 95 95 95 95 95 95 95 95 95 95	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		AVG	OBS TIME
MINDLECTOWNS NOT BE 68 6 6 2 8 2 9 4 4 52 52 40 44 46 37 32 46 6 34 52 42 62 02 54 3 52 44 8 52 54 47 5 5 6 16 64 55 45 48 60 52 48 49 2200 ESCATES MILMINGTON, DE 67 50 47 45 45 52 52 40 43 45 52 52 40 42 62 02 53 53 50 30 7 83 27 30 2 62 53 45 46 48 49 60 63 51 45 49 60 53 45 31 30 30 55 EST MILMINGTON, DE 67 64 46 40 45 45 42 51 50 39 42 45 30 26 45 37 40 42 42 42 62 02 54 44 45 45 49 49 60 63 51 45 49 49 59 52 29 40 44 44 51 49 50 40 42 43 38 31 43 54 59 49 49 49 59 62 51 43 47 57 52 45 45 40 49 49 40 60 63 51 45 49 49 49 49 49 49 49 49 49 49 49 49 49	BEAR 2 SW, DE	67	50	47	45	44	51	51	40	43	45	38	33	46	54	51	44	52	53	45	47	51	60	63	51	44	47	59	53	48		49.0	2400
MINDLECTOWNS NOTE 68 50 47 45 45 45 52 52 40 44 46 37 32 46 54 52 43 52 54 45 47 51 51 61 64 51 45 48 60 52 48 49 2200 EEGATES 48 40 26 66 66 28 29 29 52 42 28 09 55 42 28 09 25 54 48 60 52 48 80 50 50 50 50 50 50 50 50 50 50 50 50 50	GALLAHER	50	39	26	25	26	22	26	28	25	22	26	20	24	30	29	28	28	28	28	25	22	41	45	43	36	27	23	36	30		29.6	EST
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PASADENA 2 N 70 53 49 43 44 54 55 59 45 44 49 9 32 47 54 54 55 39 45 44 48 9 32 47 54 45 53 52 44 48 8 61 65 52 45 49 62 54 51 50.1 2400 HANSON 47 40 27 27 26 26 24 31 28 28 28 22 22 17 32 33 34 32 28 34 34 32 28 35 32 30.8 EST MANCHESTER 1SW 64 50 47 40 41 49 50 35 41 40 37 28 42 51 50 MILLERS ALE MINISCRIP RASEON 45 41 49 50 45 15 12 28 28 29 17 22 36 44 48 8 61 65 52 45 45 49 62 54 51 50 41 49 50 41 41 49 50 42 11 48 50 42 19 18 51 MILLERS ALE	LAVALE	58	50	51	36	36	47	48	36	40	37	35	26	41	44	47	38	46	52	39	45	46	56	60	49	38	46	62	55	42		45.0	2400
HANSON 47 40 27 27 26 24 31 28 28 25 24 22 18 32 34 33 30 26 34 27 22 36 46 43 34 32 28 35 32 30.8 EST LOTHIAN 70 55 51 45 45 43 52 55 41 46 48 42 31 48 57 55 47 54 57 43 49 51 64 66 53 47 50 65 66 50 51.6 2400 JUG BAY 49 37 28 27 27 24 30 27 28 26 22 22 17 32 33 34 32 26 33 26 22 35 46 45 35 27 28 34 32 2 30.4 EST BALTIMORE 70 57 50 45 45 53 57 45 45 45 53 57 44 49 49 49 63 65 54 45 45 35 27 27 24 24 22 20 33 36 35 34 28 34 29 23 36 48 43 34 32 25 63 63 44 32 28 32 30.4 EST BALTIMORE 70 57 50 45 45 53 55 40 45 46 41 32 48 55 54 45 53 57 44 49 49 63 65 54 45 45 45 65 3 57 11 2400 JUG BAY 49 49 49 49 49 49 49 49 49 49 49 49 49	MULLINS**	49	31	30	30	33	22	32	29	26	28	17	15	23	32	37	34	35	26	28	28	25	39	45	36	29	28	23	29	34		30.1	EST
LOTHIAN 70 55 51 45 43 52 55 41 46 48 42 31 48 57 55 47 54 57 43 49 51 64 66 53 47 50 65 56 56 56 56 31.0 2400 JUG BAY 49 37 28 27 27 24 30 27 28 26 22 22 17 32 33 34 32 26 33 26 22 35 46 45 35 27 28 34 32 30.4 EST BALTIMORE 70 57 50 45 45 53 55 40 45 46 41 32 48 55 55 44 45 53 57 44 49 49 63 65 54 45 49 46 66 53 47 50 65 55 63 30.4 EST LAUREL 2E 68 54 49 45 44 53 55 40 46 47 41 30 48 53 54 46 65 35 84 49 49 50 43 42 21 20 33 36 38 38 34 41 50 51 38 41 43 37 29 44 53 50 43 48 57 45 47 47 60 61 52 42 48 36 34 32 24 30 28 EST OWINGS MILS 2SE 64 51 47 42 41 50 51 38 41 43 37 29 44 53 50 43 48 57 45 47 47 60 61 52 42 48 36 34 32 24 48 58 38 42 49 38 48 48 48 49 50 63 65 55 44 49 49 64 56 58 48 54 48 69 48 69 69 69 69 69 69 69 69 69 69 69 69 69	PASADENA 2 N	70	53	49	43	44	54	55	39	45	44	39	32	47	54	54	45	53	52	44	48	48	61	65	52	45	49	62	54	51		50.1	2400
JUS BAY 49 37 28 27 27 24 30 27 28 26 22 22 17 32 33 34 32 26 33 26 22 35 46 45 35 27 28 34 32 30.4 EST	HANSON	47	40	27	27	26	24	31	28	28	25	24	22	18	32	34	33	30	26	34	27	22	36	46	43	34	32	28	35	32		30.8	EST
BALTIMORE 70 57 50 45 45 53 55 40 45 46 41 32 48 55 54 45 53 57 44 49 49 63 65 54 45 49 64 56 53 51.1 2400 NVS BWI APT 50 39 31 29 30 27 32 31 30 27 24 22 20 33 36 35 34 28 34 29 23 36 48 43 34 32 25 36 34 32.1 EST LAUREL 2 E 68 54 49 45 45 35 55 40 46 47 41 30 48 53 55 40 46 47 41 30 48 53 55 40 46 47 41 30 48 53 55 40 45 45 45 45 45 45 45 45 45 45 45 45 45	LOTHIAN	70	55	51	45	43	52	55	41	46	48	42	31	48	57	55	47	54	57	43	49	51	64	66	53	47	50	65	56	56		51.6	2400
BALTIMORE 70 57 50 45 45 53 55 40 45 46 41 32 48 55 54 45 53 57 44 49 49 63 65 54 45 49 64 56 53 51.1 2400 NVS BWI APT 50 39 31 29 30 27 32 31 30 27 24 22 20 33 36 35 34 28 34 29 23 36 48 43 34 32 25 36 34 32.1 EST LAUREL 2 E 68 54 49 45 45 35 55 40 46 47 41 30 48 53 54 46 53 58 44 49 50 63 65 55 44 49 64 56 52 50.9 2400 STOUDT 48 40 31 29 30 27 35 34 29 29 23 21 20 34 37 36 38 28 34 29 24 40 47 43 35 31 128 36 34 32.8 EST OWNOSS MILLS 28E 64 51 47 42 41 50 51 38 41 43 37 29 44 53 50 43 48 57 45 47 47 60 61 52 42 48 61 53 47 48.0 2400 SHARROW 45 36 29 27 32 24 30 28 25 26 23 17 18 31 36 32 36 28 30 27 22 37 44 40 34 29 27 32 36 30 44 29 27 32 36 30 44 29 27 32 36 30 44 39 38 38 34 41 37 34 36 27 25 25 40 45 43 41 38 39 37 35 44 51 47 38 37 36 41 43 38.8 EST BALT INNER HARBOR 71 59 51 47 40 41 49 50 35 41 40 37 28 42 51 50 41 49 54 42 44 44 45 96 61 50 39 46 61 51 45 45 46 62 330 CLOSE 45 34 29 29 31 26 31 30 25 26 29 17 20 31 35 31 38 29 29 29 25 37 45 45 47 47 59 61 50 39 46 61 51 45 46 47.7 1900 HARTSOCK 47 42 29 29 31 26 31 30 25 26 29 17 20 31 35 31 38 29 29 29 25 25 37 45 45 47 47 59 61 50 47 40 41 49 50 50 51 41 40 36 28 43 51 49 41 49 54 42 44 47 59 61 59 61 55 42 27 31 31 31 1.1 EST BRYMBINISTER ASSE 64 56 47 40 41 49 50 54 14 40 36 28 43 51 49 41 49 54 42 44 44 55 96 61 55 60 52 47 46 61 55 45 45 47 71 1800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 38 32 28 28 31 34 29 29 29 25 37 45 42 31 29 27 31 31 31.1 EST BRYMBROAD 2 ESE 51 45 43 53 56 41 46 49 42 32 48 54 55 46 54 58 45 59 60 52 47 46 61 55 45 45 47.7 1800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 38 32 28 28 31 34 29 29 9 EST BRYMBROAD 2 ESE 63 63 63 51 48 44 42 51 52 52 54 42 38 30 45 49 49 43 45 50 63 64 44 38 49 65 55 58 50 52 33 34 34 29 39 33 31 26 43 56 55 45 45 55 45 45 55 45 45 45 47 40 50 63 63 63 63 51 44 44 44 59 61 52 44 81 61 55 45 45 45 45 45 45 45 45 45 45 45 45	JUG BAY	49	37	28	27	27	24	30	27	28	26	22	22	17	32	33	34	32	26	33	26	22	35	46	45	35	27	28	34	32		30.4	EST
LAUREL 2 E 68 54 49 45 44 53 55 40 46 47 41 30 48 53 54 46 53 58 44 49 50 63 65 55 44 49 64 56 52 50.9 2400 STOUDT 48 40 031 29 30 27 35 34 29 29 23 21 20 34 37 36 38 28 34 29 24 40 47 43 35 31 28 36 34 32.8 EST OWINGS MILLS 2 SE 64 51 47 42 41 50 51 38 41 43 37 29 44 53 50 43 48 57 45 47 47 60 61 52 42 48 61 53 47 48.0 2400 SHARROW 45 36 29 27 32 24 30 28 25 26 23 17 18 31 36 32 36 28 30 27 22 37 44 40 34 29 27 32 36 30.4 EST BALTIMORE 2 SE MANFRE BALT INNER HARBOR 71 59 51 47 46 56 56 44 47 49 43 34 49 56 55 48 54 59 48 49 52 65 66 57 47 47 67 60 61 52 42 48 81 41 43 38.8 EST MANCHESTER 1 SW 64 50 47 40 41 49 50 35 41 40 37 28 42 51 50 41 49 54 42 44 44 59 61 50 39 46 61 51 45 45 46.6 2300 CLOSE 45 34 29 29 31 26 31 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 47 59 61 50 49 43 45 59 61 50 47 46 61 55 45 47 47 49 48 38 40 46 44 31 42 51 50 41 41 40 36 28 43 51 49 41 49 54 49 45 59 61 59 61 59 61 59 61 55 42 28 83 1 34 29 29 29 29 21 28 27 30 24 27 16 17 30 35 29 37 26 27 28 23 36 44 48 49 59 61 59 61 55 48 49 49 43 45 61 51 45 46.6 2300 MILLERS 4NE 64 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 47 59 61 59 61 50 47 46 61 55 45 47 77 1800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 47 59 61 50 48 49 49 43 45 51 55 88 800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 47 59 61 50 41 45 61 52 48 51 50 47.7 1800 MILLER 46 40 47 40 41 49 50 41 41 40 36 28 43 51 49 41 49 54 49 45 45 59 60 52 47 46 61 55 45 47.7 1800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 48 49 49 45 45 45 59 60 52 47 46 61 55 45 47.7 1800 MILLER 46 40 47 47 47 59 62 50 41 45 61 52 48 48.1 0700	BALTIMORE	70	57	50	45	45	53	55	40	45	46	41	32	48	55	54	45	53	57	44	49	49	63	65	54	45	49	64	56	53		51.1	2400
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STOUDT 48 40 31 29 30 27 35 34 29 29 23 21 20 34 37 36 38 28 34 29 24 40 47 43 35 31 28 36 34 32.8 EST OWNORS MILLS 2SE 64 51 47 42 41 50 51 38 41 43 37 29 44 53 50 43 48 57 45 47 47 60 61 52 42 48 61 53 47 48.0 2400 SHARROW 45 36 29 27 32 24 30 28 25 26 23 17 18 31 36 32 36 28 30 27 22 37 44 40 34 29 27 32 36 30.4 EST BALT INNER HARBOR 71 59 51 47 46 56 56 44 47 49 43 34 49 56 55 48 54 59 48 49 52 65 66 57 47 51 67 57 53 53.0 2400 MD SCIENCE CENTER 52 44 39 38 38 34 41 37 34 36 27 25 25 40 45 43 41 38 39 37 35 44 51 47 38 37 36 41 43 38.8 EST MANCHESTER 1SW 64 50 47 40 41 49 50 35 41 40 37 28 42 51 50 41 49 54 42 44 44 59 61 50 39 46 61 51 45 45 45 45 45 49 38 40 46 44 31 42 52 48 45 46 54 45 44 47 59 61 50 39 46 61 51 46 47.7 1900 HARTSOCK 47 42 29 29 31 26 31 30 25 26 29 17 20 31 35 31 38 29 29 29 29 25 37 45 42 31 29 27 31 31 31 31.1 EST MILLERS 4NE 64 56 47 40 41 49 50 41 41 40 36 28 43 51 49 41 49 54 49 45 45 59 60 52 47 46 61 55 45 47 77.7 1800 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 23 36 44 58 49 49 45 56 55 58 BRYANS ROAD 2 ESE 63 63 51 48 41 42 51 55 2 35 42 42 38 30 45 49 49 43 35 12 6 47 47 59 62 50 41 45 61 52 48.1 0700	LAUREL 2 E			49	_	44	53	_	40	46	47	41	30	48						_	49	50					_	_		_		50.9	2400
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SHARROW 45 36 29 27 32 24 30 28 25 26 23 17 18 31 36 32 36 28 30 27 22 37 44 40 34 29 27 32 36 30.4 EST BALTIMORE 2SE MANNER FARBOR 71 59 51 47 46 56 56 44 47 49 43 34 49 56 55 48 54 59 48 49 52 65 66 57 47 51 67 57 53 53.0 2400 MSD SCIENCE CENTER 52 44 39 38 38 34 41 37 34 36 27 25 25 40 45 43 41 38 39 37 35 44 51 47 38 37 36 41 43 38.8 EST MANCHESTER 1SW 64 50 47 40 41 49 50 35 41 40 37 28 42 51 50 41 49 54 42 44 44 59 61 50 39 46 61 51 45 45 29.3 EST WESTMINSTER 4 SSE 63 53 45 45 45 45 47 49 38 40 46 44 31 42 52 48 45 46 54 54 44 47 59 61 50 61 50 39 46 61 51 46 47.7 1900 HARTSOCK 47 42 29 29 31 26 31 30 25 26 29 17 20 31 35 31 38 29 29 29 25 37 45 42 31 29 27 31 31 31.1 EST MILLERS 4NE 64 56 47 40 41 49 50 41 41 40 36 28 43 51 49 41 49 54 49 45 45 59 60 52 47 46 61 55 45 MILLER 46 40 27 30 31 23 30 27 23 24 27 16 17 30 35 29 37 26 27 28 28 23 36 44 38 32 28 28 31 34 29 29 9 9 EST BRYANS ROAD 2 ESE 71 58 52 45 43 53 56 41 46 29 30 23 21 19 35 38 36 38 45 45 45 45 46 54 54 54 56 55 58 52.3 39 39 39 39 39 340 61 50 50 50 50 50 50 50 50 50 50 50 50 50	OWINGS MILLS 2SF			47	42	00	50		_	41	43	37							ľ	_	47						_	_					
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	GLASS	34	36	31	26	32	22	23	27	23	24	26	19	21	25	33	30	33	25	27	30	20	21	35	40	33	31	25	27	30		27.9	EST

ACON MD / DE / DC FEBRUARY 2012 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		AVG	OBS TIME
LAUREL JHU / APL																																2400
GIANNOLA																																EST
NORBECK 1 SE	66	55	50	43	43	52	53	40	44	45	39	28	46	52	53	44	50	57	45	48	48	61	64	55	45	48	64	55	51		49.8	2200
BERGER	47	41	29	28	30	26	31	30	28	28	24	20	20	33	36	36	38	28	32	30	24	39	46	45	33	30	30	35	35		32.1	EST
POTOMAC 4N	67	56	50	43	43	53	53	40	45	45	40	28	47	54	52	45	51	57	46	48	50	63	65	55	44	49	64	55	50		50.3	2100
COHEN	50	43	31	30	31	24	31	31	29	28	25	21	20	32	37	36	37	28	34	31	25	38	46	44	33	31	29	37	36		32.7	EST
OLNEY 1 S	65	54	50	42	42	53	53	38	43	44	38	28	46	52	52	43	>	>	^	56	46	60	63	54	41	48	62	54	51		49.2	2400
GIANNOLA	47	39	27	30	29	25	29	29	27	26	23	18	19	33	35	36	>	>	>	28	25	37	44	41	35	30	30	35	35		31.2	EST
CLARKSBURG 2ENE	65	54	47	41	41	51	52	37	42	42	38	29	45	52	51	42	50	56	43	46	48	60	62	54	43	46	63	52	54		48.5	2400
HOLDEN	49	37	30	32	32	26	35	30	26	28	19	19	22	34	35	36	38	32	31	29	28	38	43	40	32	29	31	33	37		32.1	EST
ROCKVILLE 2 W	68	56	51	43	42	55	53	39	44	45	39	28	47	55	53	43	52	58	44	48	48	63	65	54	44	49	64	56	53		50.3	2400
McGINNIS	49	40	32	31	34	25	34	32	28	31	19	19	20	33	38	37	36	30	33	30	26	38	44	41	31	29	30	35	38		32.5	EST
GLENMONT 1NNE	70	56	51	44	44	55	55	40	47	48	40	31	50	56	54	45	54	60	44	49	51	64	67	55	47	51	67	58	55		52.0	2400
ROSSEN	45	40	30	29	28	24	29	30	29	27	22	21	19	32	35	35	35	28	34	28	23	38	45	42	34	30	27	36	34		31.3	EST
BETHESDA	68	55	49	44	42	53	54	40	44	46	40	30	48	53	51	45	52	58	43	47	48	61	64	55	43	48	65	54	55		50.1	2400
SCAFIDE	49	41	31	32	30	26	34	33	29	30	21	20	22	34	39	40	37	31	34	31	28	40	46	43	33	30	31	37	39		33.5	EST
GAITHERSBURG 2WNW	66	55	49	44	43	53	54	39	45	44	41	29	47	52	52	44	52	58	43	48	49	62	64	55	44	48	65	55	54		50.2	2400
SHAW	47	41	30	29	29	25	29	30	29	27	21	21	23	32	36	36	37	28	34	29	25	37	47	42	34	32	29	36	39		32.2	EST
FOREST GLEN	71	59	53	45	45	55	57	42	48	49	43	33	50	50	56	46	56	59	46	52	50	65	67	57	46	51	66	59	56		52.8	2400
TERRY	47	39	29	31	29	26	33	31	30	28	21	21	21	36	39	40	36	30	34	30	27	39	47	43	33	31	32	36	37		33.0	EST
OXON HILL	69	58	51	45	44	52	55	42	46	47	42	30	48	54	54	46	54	58	49	50	51	63	66	57	47	49	65	57	57		51.9	2300
SMITH	48	41	34	31	31	26	37	34	31	31	21	21	21	36	40	40	40	29	33	32	27	40	44	44	35	32	33	38	37		34.0	EST
HOLLYWOOD 3 ENE	68	54	50	45	43	50	56	42	46	46	42	33	46	53	55	49	54	53	46	47	52	61	65	63	48	47	62	53	58		51.3	2400
GLEASON	51	42	34	33	31	29	37	37	35	33	26	23	22	37	37	37	37	30	33	31	28	45	48	48	37	33	37	41	41		35.6	EST
RIDGE	68	57	47	47	42	51	54	42	45	44	44	35	48	55	54	48	55	54	46	45	51	62	66	70	48	48	63	51	58		51.6	2400
ZYLA	51	45	35	36	32	38	38	37	32	36	24	22	21	39	41	41	40	36	32	32	31	44	46	47	36	30	37	40	40		36.5	EST
SMITHSBURG 1.5 SW	61	49	48	42	42	51	50	37	43	41	36	27	45	50	47	44	50	57	44	46	47	60	60	52	39	47	63	52	43		47.3	2400
HUTTO	40	36	27	25	27	22	27	25	23	21	19	19	22	30	31	31	33	24	25	25	21	36	44	37	33	29	24	29	33		28.2	EST
HAGERSTOWN 1E	63	49	48	42	42	51	52	37	43	41	36	29	46	47	48	44	50	57	43	46	47	60	61	52	40	46	64	52	43		47.6	2400
KEEFER	41	37	28	26	27	23	27	26	23	22	19	19	19	30	36	33	37	25	27	25	22	35	39	39	33	31	27	29	35		29.0	EST
SMITHSBURG 3 NE	60	47	47	41	40	49	49	37	42	39	34	26	43	47	45	45	48	56	41	44	48	57	58	51	39	44	62	50	48		46.1	2400
VAUGHN	45	33	31	28	30	20	31	28	24	25	12	11	17	32	33	35	37	29	26	24	27	39	43	32	27	26	32	29	35		29.0	EST
SALISBURY	68	54	50	51	45	50	57	48	46	52	45	32	45	57	56	52	56	57	45	48	53	63	67	77	49	49	60	56	60		53.4	2400
NWS WICOMICO CO APT	50	40	29	27	27	24	32	32	29	27	27	23	18	33	32	32	32	28	34	28	22	45	47	49	36	29	28	31	30		31.8	EST
WASH NATIONAL	72	58	52	46	45	53	56	43	47	47	43	33	50	56	55	47	54	59	45	50	50	63	67	57	47	49	64	56	56		52.4	2400
NWS ASOS	48	42	37	35	35	29	40	37	33	33	23	23	24	37	40	41	39	34	35	34	32	43	47	46	35	34	36	40	40		36.3	EST
WASH DULLES	69	57	50	44	43	52	56	41	46	45	42	31	49	53	53	45	53	59	43	48	50	62	66	58	45	48	64	54	56		51.1	2400
NWS ASOS	50	41	29	26	26	22	34	29	29	29	21	20	17	31	34	34	32	26	35	26	22	35	43	42	33	28	27	37	34		30.8	EST
STERLING 4 N	69	58	51	45	44	44	51	42	47	46	43	42	49	54	54	55	54	59	44	49	51	62	М	57	46	М	М	М	М		50.7	2400
SHAFFER	52	47	31	27	36	27	24	31	30	30	34	20	22	32	38	36	39	30	36	32	26	36	М	45	35	М	М	М	М		33.2	EST
DAVIS 3 SE WV	53	43	40	47	39	32	40	41	30	30	28	23	13	27	38	42	41	34	44	31	40	43	47	49	55	20	39	49	52		38.3	0700
LESHER	39	39	23	23	26	16	16	25	18	15	19	0	3	13	25	25	25	25	20	17	17	30	30	33	16	12	12	21	22		20.9	EST

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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	TOTAL	OBS TIME
BEAR 2 SW, DE	Ŧ			0.11			_	0.09	T	0.01	0.27			Т		0.14					T			0.24					1.02	1.88	2400
GALLAHER								0.3	Т		2.0																			2.3	EST
MIDDLETOWN 6 N DE	0.01			0.14			0.01	0.06	0.05	0.01				0.02		0.12	0.01							0.32					1.00	2.08	2400
LEGATES																														_	EST
WILMINGTON . DE	Т	Т		0.08				0.16	Т	0.01	0.30			Т		0.13						Т	Т	0.27					1.14	2.09	2400
NWS NEW CASTLE CO APT								0.3	Т	Т	2.0					-														2.3	EST
NEWARK AG FARM, DE				0.10					0.08	0.01						0.14								0.20					1.11	1.97	2400
U OF DE DEOS				00				0.00	0.00	0.0.	0.20													0.20						-	EST
TOWNSEND 4 W. DE	0.02			0.19				0.09	0.01		0.33	0.01				0.09								0.11	0.01				0.93	1.79	2400
U of D REC DEOS	0.02			00				0.00	0.0.		0.00	0.0.				0.00								• • • • • • • • • • • • • • • • • • • •					0.00	-	EST
GEORGETOWN, DE	Т	0.34		0.14				0.22			0.10	Т				0.08			0.09	0.02		0.08	0.21	0.53					0.80	2.61	2400
NWS SUSSEX CO APT	•	0.0 .		0				0.22			0.10	•				0.00			0.00	0.02		0.00	0	0.00					0.00		EST
	0.01	0.26		0.12				0.20	0.01		0.10					0.05			0.10	ი იგ		0.06	0.18	0.67					1.21	3.05	2400
U of D REC DEOS	0.01	0.20		0.12				0.20	0.01		0.10					0.00			0.10	0.00		0.00	0.10	0.07					1.21	0.00	EST
	0.01	0.31		0.14				0.27			0.12					0.10			0.06	0.02		0 11	0.24	0.45					1.15	2.98	2400
U of D REC DEOS	0.01	0.01		0.14				0.27			0.12					0.10			0.00	0.02		0.11	0.24	0.40					1.10	2.50	EST
REHOBOTH BEACH BWK		0.23		0.14				0.19			0.12					0.11	0.01		0.02	0.01		0.05	0.25	U 28					1.15	2.56	2400
U of DE DEOS		0.23		0.14				0.13			0.12					0.11	0.01		0.02	0.01		0.03	0.23	0.20					1.13	2.50	EST
FROSTBURG	т	Т			0.42	0.02			0.18		0.07	0.01	Т		0.02	Т	0.35						0.05	0.46	0.06	Т				1.65	0700
LATTA	'	'			4.1	0.02 T			1.5		0.07	1.0	0.1		0.02	'	0.33						0.05	0.40	1.4	Ť				9.1	EST
LAVALE				0.39		-		0.15		0.02		1.0	0.1			0.29						Т	0.01	0.31		T			1.43	2.75	2400
MULLINS**				2.0	 -			0.15		0.02	0.02				0.01	0.29						1	0.01	0.51		1			1.43	4.8	EST
	0.00	0.04		0.15	0.01					0.5				0.01		0.07								0.00	1.0				1 40	2.35	2400
HANSON	0.02	0.04		0.15	0.01			0.08			0.26			0.01		0.07								0.22					1.49	0.0	EST
	0.04	0.00		0.16		0.01		0.10		0.01	0.07					0.10	0.00		0.12	0.00				0.00					1 40		2400
JUG BAY	0.04	0.20		0.16		0.01		0.10		0.01	0.27					0.10	0.02		0.12	0.02				0.68					1.48	3.21	EST
	0.04	_		0.47	-			0.00		0.04	0.00	-		-		0.40							т	0.40	_				1.04	0.0	-
BWI NWS ASOS	0.01	Т		0.17	l ¦			0.09 T		0.01	0.22	T		Т		0.12							ı	0.16	T T				1.64	2.42	2400 EST
	0.04	0.00		T						0.04	0.5	ı		0.04		0.4.4							_	0.47					1.50	0.5	_
-	0.04	0.06		-	0.05			0.12		0.01	0.23			0.01		0.14							Т	0.17	T				1.59	2.54	2400
STOUDT	0.04	_		0.1	T			T		1	0.6			-		0.40								0.07	T				1 01	0.7	EST
	0.01	Т		0.13				0.07			0.16			Т		0.19								0.07	T				1.21	1.85	2400
SHARROW				1.0	Т			0.5		Т	1.2														Т					2.7	EST
BALTIMORE 2SE																															2400
MANFRE HARROR				0.01				0.0-			0.00			0.00		0.10								0 17					1.50	0.00	EST
BALT INNER HARBOR				0.21				0.07			0.23			0.02		0.13								0.17					1.56	2.39	2400
MD SCIENCE CENTER	_	-		0.15			 	0.45	-	0.00	0.0-	_		_		0.45								0.06	_				4.00	-	EST
MANCHESTER 1SW	Т	Т		0.18				0.19		0.09		T		Т		0.16								0.39	T				1.20	2.46	2300
CLOSE				1.4				2.1	0.2	8.0	3.4	T													0.1					8.0	EST
WESTMINSTER 4 SSE				0.25				0.14			>	0.13				0.20								0.16					0.85	1.73	1900
HARTSOCK				1.0				1.0			1.2	0.2																		3.4	EST
MILLERS 4NE	Т				0.03			0.23		T	0.22	0.05		Т	Т	0.20	0.01							0.51					0.90	2.32	1800
MILLER				1.1	0.3			2.0	0.2	Т	1.8	0.7													0.3					6.4	EST
	0.01	0.16		0.10	0.01	0.01		0.14			0.21	0.02				0.13			0.15				0.03	0.46	Т				1.39	2.82	2355
BRUMBACK						ļ	ļ	ļ				0.2							0.9						Т					1.1	EST
EMMITSBURG 2 SE						0.03			0.01			0.20				Т	0.25							0.31	0.02					0.93 2.0	0630
GLASS					1.0		1		1.0	1	ΙT																				EST

ACON MD / DE / DC FEBRUARY 2012 DAILY PRECIPITATION

STATION	1	2	3 4		6	1 7	7 8	9	10	11				15				19			22	23	24	25	26	27	28	29		ΤΟΤΔΙ	OBS TIME
LAUREL JHU / APL	-			+-3		-		Ĭ	10	÷	-1-	<u></u>		10	<u></u>	<u> </u>	<u>10</u>	<u>10</u>		<u> </u>			27			<u></u>			-	1017	2400
GIANNOLA																												1			EST
NORBECK 1 SE	0.02	0.08	0.1	7 -	-		0.12		Т	0.23	0.02				0.18								0.12					1.55		2.49	2200
BERGER			0.	3	-		0.1			0.5	0.3																	1		1.2	EST
POTOMAC 4N	0.02	0.10	0.1	5	-		0.16			0.18	0.05		Т		0.22								0.14	Т				1.36		2.38	2100
COHEN			Т	-	-		Т			0.5	0.2													Т				1		0.7	EST
OLNEY 1 S	0.01		0.1	6	-		0.11		>	0.26			T		0.16								0.08					1.75		2.53	2400
GIANNOLA			0.4		-		0.2			1.3																		$oldsymbol{ol}}}}}}}}}}}}}}}}}$		1.9	EST
CLARKSBURG 2ENE	Т	Т	0.2	7 0.			0.17			0.21	Т		Т		0.30								0.04	Т				2.00		3.03	2400
HOLDEN			1.6				1.2		0.2	2.3	0.1													Т						5.6	EST
ROCKVILLE 2 W		0.08		7 0.			0.15			0.23			Т		0.17							Т	0.12	Т				1.51		2.49	2400
McGINNIS			0.1	_	_		0.1		Т	1.3																		\sqcup		1.5	EST
	0.02	0.09	0.1	-			0.11		0.02	0.17	Т		Т		0.15							Т	0.30					1.45		2.46	2400
ROSSEN			0.1				0.1			0.6	0.1																			0.9	EST
BETHESDA SCAFIDE	0.01	0.15	0.1	4	0.0)1	0.12		0.02	0.18					0.16								0.27					1.39		2.45	2400 EST
GAITHERSBURG 2WNW	Т	Т	0.1	8 -			0.14		0.03	0.19	Т		Т		0.22								0.05	Т				1.81		2.62	2400
SHAW			0.4		-		1.0		Т	1.3	Т													Т				$oldsymbol{ol}}}}}}}}}}}}}}}}}$		2.7	EST
	0.02	0.11	0.1	3	-		0.10		0.01	0.15	Т		Т		0.15							0.01	0.22					1.43		2.33	2400
TERRY							T			0.5	Т																			0.5	EST
	0.05	0.12	0.1	1 0.			0.12		Т	0.19					0.11			0.13				T	0.30	Т				1.40		2.55	2300
SMITH							T			0.2	0.1							0.1										\vdash		0.4	EST
HOLLYWOOD 3 ENE		0.21	0.0	7 0.	0.0)2	0.06			0.10					0.06	0.01		0.24	0.06	0.00	0.21	0.14	0.54	0.01				1.39		3.14	2400
GLEASON																												 		0.0	EST
RIDGE		0.42	0.0	8 0.)1		0.05			0.13					0.11			0.63			0.15	0.09	0.35					1.61		3.74	2400
ZYLA			0.4				0.40		0.00	0.2	0.3				0.00	0.04		8.0	0.1			0.40	0.04					1 21		1.4	EST
SMITHSBURG 1.5 SW				2 0. 3 0			0.19		0.08						0.30	0.01						0.13	0.31					1.61		2.90 3.7	2400 EST
HUTTO			0.3	_	_		1.5 0.21		0.8	0.9	Т				0.25							0.14	0.00	Т				1.44		2.71	2400
HAGERSTOWN 1E KEEFER			0.2				1.2		0.09	0.09	T				0.25							0.14	0.28	T				1.44		2.71	EST
SMITHSBURG 3 NE			0.1	_			0.19			0.10	- 1				0.26							0.06	0.21					1.51	_	2.64	2400
VAUGHN			1.5				1.9		1.6	1.0					0.20							0.00	0.21	0.01				1.51		6.1	EST
SALISBURY	Т	0.33		0 0.)1		0.19	<u> </u>	1.0	0.07	Т				0.08			0.38	0.10		0.11	0.07	0.62	0.1				1.54		3.60	2400
NWS WICOMICO CO APT	•	3.00		٦٥.	·		0.10			3.07					3.00			3.00	3.13		3	3.07	3.02							0.0	EST
	0.02	0.09	0.0	8 -	-		0.11		Т	0.10	0.01				0.09			0.08			1	Т	0.31	Т				1.44	-	2.33	2400
NWS ASOS							Т			0.2	0.1							Т						T				1		0.3	EST
WASH DULLES	Т	0.09	0.0	9 0.)1		0.10		0.03	0.17	T		Т		0.20							Т	0.20	T				1.35		2.24	2400
NWS ASOS			Т	-			0.2			1.2	Т													Т				1		1.4	EST
STERLING 4 N SHAFFER	DAILY	PRECIF	PITATION INC	ОМР	ETE FO	OR MON	NTH			0.12 1.2													0.09					1.00		<u>1.21</u> 1.2	2400 EST
	0.11	0.23		0.	34 0.0)2		0.33			0.54	0.09		0.19	0.07	0.44					0.04	0.21	0.55	0.29	0.16			0.05		3.88	0700
LESHER				1				3.3		2.0	8.5	1.3		1.6							Т	0.2		3.3	2.8			$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		25.0	EST