



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

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

RECORD DECEMBER SNOWSTORM

December 2009 went into the books as a very active precipitation month. The following NWS stations reported record precipitation: Wilmington DE 8.58", and Baltimore BWI 8.06"; and snowfall: Baltimore BWI 23.2", and Washington National Airport 16.6". Monthly snowfall totals reported by ACON observers exceeded 20 inches in a vast area west of the Chesapeake Bay with over 30 inches at **Clarksburg 2 ENE** by **Richard Holden** and **Olney 1 S** by Rich Giannola.

There were seven precipitation events this month - 2nd-3rd, 5th, 8th-9th, 13th, 18th-19th, 25th-26th, and 31st. The first snow event of this winter season occurred on the 5th which just happened to be the day of **Herb Close's** of **Manchester 1 S** annual Weather Gathering. Ever since 2002 snow has fallen on either the 5th or 6th on all but 1 or two years. The heaviest snow reported was 7.5" by **Herb Close** of **Manchester 1S** and **Richard Holden** of **Clarksburg 2 ENE**.

The warmest temperatures of the month occurred on the 3rd southeast of Washington D.C. and on the Delmarva Peninsula. Readings were in the mid to upper 60's. **Ralph Hartsock** of **Westminster 4 SSE** reported a wind gust of 56 MPH from the WNW also on the 3rd..

The wettest event of the month occurred on the 8th and 9th. Snow changed to sleet, freezing rain and then all rain in portions of Central and Western Maryland as temperatures rose into the upper 40's in Central Maryland to the 60's in the southeastern areas. Rainfall amounts of over 2 inches occurred over portions of the entire region. **John Zyla** of **Ridge** reported 2.48", **Rebecca Harvey** of **Eagle Rock** 2.33", and **Nate Mullins** of **LaVale** 2.26". Thunder was reported by **Greg Latta** of **Frostburg**.

The next storm occurred on the 13th. Rainfall amounts generally ranged from one half to one inch.

The storm event which re-wrote snowfall records for the month of December began late on the 18th and ended late on the 19th. Official NWS record storm

amounts fell at Washington Reagan (DCA) 16.4" and Baltimore (BWI) 21.1". 20"+ storm totals were reported by many ACON observers south of Baltimore. The greatest storm amounts reported by ACON observers were 24.2" by **Marty Brumback** of **White Plains 5.5 WNW**, 24.0" by **Richard Holden** of **Clarksburg 2 ENE** and 21.0" by **Jeff Stoudt** of **Laurel 2 E**. More details can be found on pages 2 to 4.

Heavy rains on Christmas and the 26th along with 50 degree temperatures caused a rapid snow melt. **Gary Gallaher** of **Bear 2 SW DE** reported the 7" snow depth melted as 1.85" of rain fell. **David Legates** of **Middletown 6N** reported 1.98" of rain. Dense fog was reported in some areas.

The last day of the month began with snow, sleet and ended with rain.

EXTREMES REPORTED BY ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	70
Bear 2 SW DE	68
Middletown 6 N	68
Townsend 4 W	68

MINIMUM TEMPERATURE

Davis 3 SE WV	3
Eagle Rock	4
Smithsburg 2 NE	4
Frostburg	7
Emmitsburg	7

WARMEST AVG. TEMP.

Ridge	39.4
Baltimore 2 SE	38.5
Harbeson 8 S	38.3

COLDEST AVG. TEMP.

Davis 3 SE WV	24.8
Eagle Rock	25.9
Frostburg	26.7

MAXIMUM PRECIPITATION

White Plains 5.5 WNW	8.85
Bear 2 SW DE	8.63
Hollywood	8.51

MINIMUM PRECIPITATION

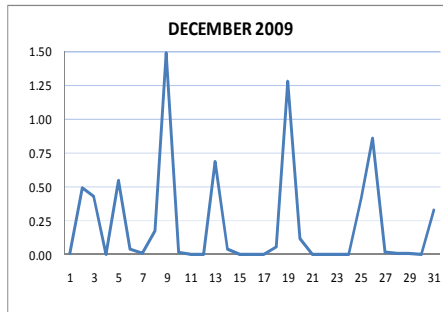
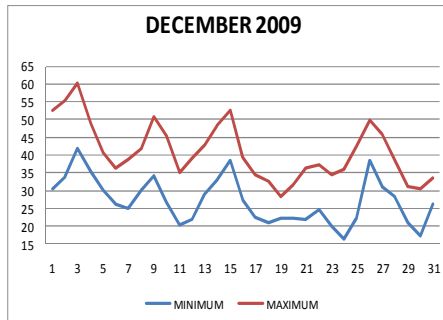
Smithsburg 1.5 SW	4.02
Hagerstown 1 E	5.36
Eagle Rock	5.87

MAXIMUM SNOWFALL

Eagle Rock	49.5
Davis 3 SE WV	48.4
Clarksburg 2 ENE	35.1
Olney 1 S	30.3

MINIMUM SNOWFALL

Ridge	9.7
Hollywood	14.6
Oxon Hill	17.9



ACON MD/DE Network

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

OBSERVER COMMENTS FOR DECEMBER 2009

Gary Gallaher of Bear 2 SW, DE

8.63" the second wettest December in station history. Record is 8.80" set in 1996. Second heaviest December snowfall of 19.7". The record of 24.2" was set in 1966. This was only the second December with 10"+ snow in 43 years of records.

9th - Heavy rain, windy. 2.08" fell in 9 hours ending around 8 AM.

19th - New monthly December daily snowfall of 17.0" Old December daily record was 14.0" set 12/24/1966.

25th—26th - Rapid snow melt of 7" in less than 24 hours as a result of 1.85" of heavy warm rain and a high of 54° on the 26th.

Greg Latta of Frostburg

The following occurred during the 24 hours ending at 7 AM:

9th - Freezing rain (glaze)

10th - Thunder during the previous 24 hours ending at 7 AM.

14th - Freezing rain (glaze)

Nate Mullins of LaVale

Wettest December with 6.31" besting 1969 when 6.30" fell and second snowiest 28.3" behind 1969 when 34.0" fell.

8th & 9th - Heavy snow began 8 PM mixing with and changing to sleet late evening. Heavy sleet, freezing rain, and rain during the predawn hours of the 9th. 2.26" fell in only 12 hours. Severe thunderstorms passed north of the area with the cold front.

13th - Rain and freezing rain. Light coating of ice / glaze on elevated surfaces.

18th—19th - 16.5" of snow the greatest since February 2003.

25th - Sleet and freezing rain, 0.3" of sleet / glaze.

Jeff Stoudt of Laurel 2 E

The number one highlight was unquestionably the colossal snowstorm (21.0") of the 18th & 19th, and was just one of several big ticket precipitation events of this December on top of a few more from November that kept grounds abnormally soggy all month, regardless of snow cover.

5th - Rain changed to wet snow by noon and ended early evening.

Marty Sharrow of Owings Mills

1st - Frosty start, then sunny and mild.

5th - Heavy wet snow with falling temperatures.

16th - Partly sunny, breezy, and colder.

31st - Morning snow, cloudy, late day rain.

Joe Manfre of Baltimore 2SE

25th - Cloudy, cold, rain beginning in early afternoon.

26th - Cloudy, mild rain ending mid morning. Drizzle and fog until late evening.

29th - Partly cloudy, very windy, cold.

Herb Close of Manchester 1 S

New December snowfall record of 29.1". The old record of 15.0" set in 2003. (21 years of records) This was the first December to have two 6" snowstorms occurred in December.

8th—9th - 2.5" of heavy wet snow with large flakes quickly accumulated before it changed to sleet, freezing rain, and then rain washed all the snow away.

31st - 1.1" snow fell in the morning, then some freezing rain. Rain fell during the evening and overnight.

Ralph Hartsock of Westminster 4 SSE

2nd—3rd - Rain develops by noon, heavy overnight.

High winds briefly on the 3rd and clearing.

19th - Very heavy and deep snowstorm.

26th - Heavy rains and warm.

29th - Sun and wind. 52 MPH.

30th - Partly cloudy, cold, no wind.

Bobby Miller of Millers 4 NE

1st - Near 100% sunshine.

5th - Moderate snow till obs time (6PM) then light.

8th - Heavy snow late (after obs time) 1.5" between 10PM & 11PM and 1.5" between 11PM & 12AM. It became mixed with sleet and changed to freezing rain and then rain early on the 9th. 0.2" of snow fell on the 9th.

9th - Minimum barometric reading of 29.17".

19th - Moderate to heavy snow, some blowing and drifting.

26th - Periods of rain melting snow depth down to Trace (0.4") from 7" on the 25th.

Ray Muller of Westminster City

19th - Visibility 1/16th mile at 0800 due to snow and fog.

Temperature remained in the low 20's all day. Snow fell at a rate of 2" per hour in the morning.

Marty Brumback of Bryans Road 2 ESE

5th - Rain followed by snow.

18th—19th - Snow began at 8:15 PM of the 18th and ended between 10:30 & midnight of the 19th. 24.2" fell.

Eric Glass of Emmitsburg 2 SE

13th - Light freezing rain.

19th - Heavy snow, light winds and cold.

28th - Mostly sunny, very windy, cool.

Rebecca Harvey of Eagle Rock

9th - 4" of snow which included 1/2" of sleet. Total liquid 2.33".

22nd - Max snow depth for the month of 22".

Rob Cohen of Potomac 4 N

Snowiest and wettest December

18th—19th - Snow began on the 18th around 9:30 PM and tapered off 9 to 10 PM on the 19th. Heavy snow fell 10AM - 4PM.

31st - Freezing rain, sleet, snow prior to 7 AM.

Rich Giannola of APL/JHU

29th - Peak wind gust 44 MPH from the west.

Ron Berger of Norbeck 1 SE

Snowiest December and the third snowiest month, exceeded only by Feb 2003 (35.1") and January 1996 (32.5").

18th—20th - 21.3" of snow was the third biggest exceeded only by Jan 6 - 8, 1996 (24.0") and February 15 - 18th, 2003 (22.3").

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.

OBSERVERS COMMENTS CONTINUED FROM PAGE 2

Rich Giannola of Olney 1 S

Wettest and snowiest December since records began in 1986. It was the snowiest month since February 2003.

18th—19th - Snow began ~10 PM on the 18th and ended as flurries late in the evening of the 19th.

Storm totals as of:

12/19	10AM	7.8"	0.61" liquid
12/19	2PM	15.0"	1.09" liquid
12/19	5PM	19.5"	1.33" liquid
12/19	10PM	23.3"	1.53" liquid.

Richard Holden of Clarksburg 2 ENE

13th - Moderate freezing rain and rain.

19th - Heavy snow, blowing snow. Fell at a rate of 2" per hour for four hours.

31st - Moderate snow, light sleet, moderate freezing rain.

Stan Rossen of Glenmont 1 NNE

December was the wettest and snowiest on record. Old precipitation record was 7.29" set in 1983 and the old snow record was 11.7" set in 1989.

18th—19th - 18.7" in 27 hours set a record for a December storm. It was the 5th greatest snowstorm on record

21.4"	February 10-12 1983
21.1"	February 16-17 2003
21.0"	January 6-8 1996
20.3"	February 18-19 1979
18.7"	December 18-20 2009

Kevin Shaw of Gaithersburg 2 WNW

December was just slightly above normal in temperature, totally due to the continued pattern of warmer than normal minimum values. December was the wettest on record, 6.90" broke the old record of 6.49 set in 1996, and snowiest, 26.1" broke the old record of 15.8" set in 2003.

13th - Cloudy, rainy - mostly AM / afternoon. Dense evening fog.

19th - 19.3" of snow easiest surpassed the old December record of 7.4" set on December 5, 2002.

25th - Dense AM fog, drizzle, rain afternoon into the evening. Cold early, warming rest of the day.

26th - Cloudy, foggy, mild, rainy most of the day.

28th - Partly cloudy, blustery, colder.

Joe Terry of Forest Glen

Wettest December in station history (previous 6.11" in 1996) and the snowiest by far and the snowiest month since February 2003.

5th - Precipitation started as rain and changed to a very wet snow (4:1 ratio) around 9 AM. It then continued light to moderate through early evening.

18th—19th - Snow began at 2100 on the 18th and continued light to moderate till 1030 on the 19th. Starting around 1030 the snowfall rate increased to 2" per hour for three hours. Visibility was <1/4 mile during this period of heavy snow. Rather pronounced gravity wave indicated on pressure trace around 1000 just prior to onset of heavy snow—see Joe's chart on page 4.

25th - Dense fog most of the afternoon as temps rose.

31st - A period of early morning sleet covered the ground to 1/2" by sunrise.

Brian Smith of Oxon Hill

18th—19th - 17" of snow. I was at DCA for more than 32 hours during the storm.

31st - Light freezing rain and sleet 0400 to 0800.

Floyd Abell of Hollywood

Wettest December in 30 years of records.

31st - AM mix of freezing rain and rain. Afternoon and evening rain.

John Zyla of Ridge

Station record rainfall of 8.25" broke the old record from 1996 of 5.55".

18th - Snow 7 PM to midnight.

19th - Snow midnight to 2 AM (1.5"), rain 2 AM to 11 AM, and snow again 11 AM to 10:30 PM (4.0")

Max Hutto of Smithsburg 1.5 SW

26th - Dense AM fog which froze of surfaces.

27th - Dense overnight fog which froze on surfaces.

31st - Overnight and AM snow and PM sleet.

Greg Keefer of Hagerstown 1 E

This was the second snowiest December with 22.4". Record snowiest is 23.1" set in 1951.

1st - Sunny, breezy high of 55.

5th - Wet snow began shortly after 7 AM and continued all day. Temperatures stayed above 32° through the event.

8th - Snow began falling around 9 PM and became moderate to heavy at times till around midnight when it changed to some sleet then all rain. Temperatures stayed above 32°

18th—19th - Snow began around 10:15 PM on the 18th. Snow fell all night moderate to heavy at times with 7.5" on the ground at 8 AM of the 19th. Snow continued all morning heavy at times with 11.3" by noon. Snow continued during the afternoon and evening - at 1 PM 12.3", 4 PM 14.0", 7 PM 16.0". Storm ended by 9 PM with 16.2". This was a new December snowfall record for most from a storm or event. The old storm record was 12.5" set December 11-12, 1960. The all-time record is 34.9" set January 8, 1996.

25th - 7" of snow on the ground. A little sleet fell this morning. Temperatures rose all day. Winds gusted to 38 MPH, temperatures rose to 46° began a rapid snow melt which continued on the 26th.

27th - Dense freezing fog overnight froze on trees, roads, etc.

Jim Vaughn of Smithsburg 2 NE

9th - New daily precipitation amount of 1.08" surpassing 1.07" set in 1978. Peak wind gust 53 MPH.

19th - New daily minimum maximum temperature of 25° surpassed 26° set in 1989. 16.1" of snow set a new December record. Old record was 11.2" set on December 27, 1990. This was the 5th heaviest daily amount. The top five are:

27.5"	February 11, 1983
24.0"	March 13, 1993
19.0"	January 7, 1996
18.0"	February 16, 2003
16.1"	December 19, 2009

25th - Peak wind gust of 52 MPH.

Lance Shaffer of Sterling 4 N VA

3rd - Mild then FROPA.

5th - Wet snow on grass.

19th - 14" of snow by 12:15 PM, 18" by 4:30 PM, 20" total.

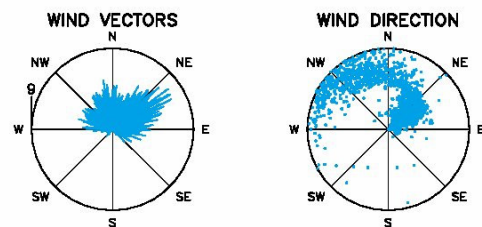
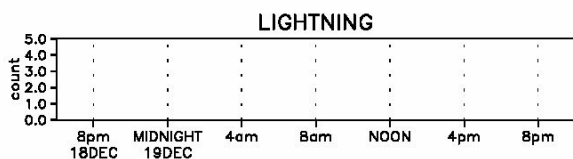
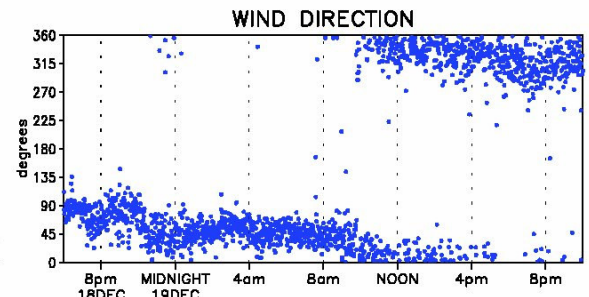
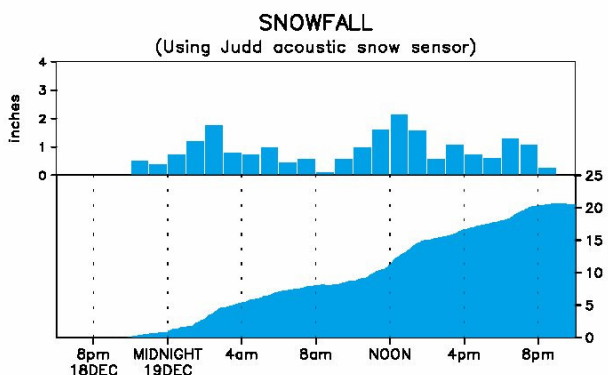
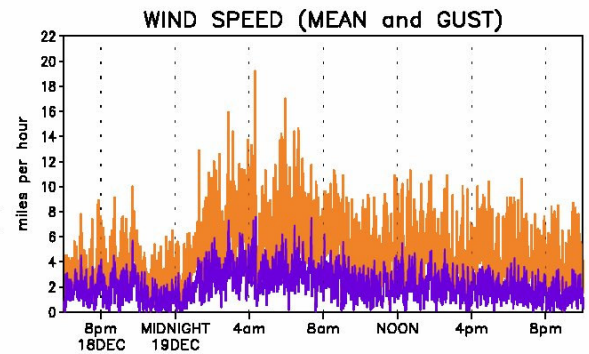
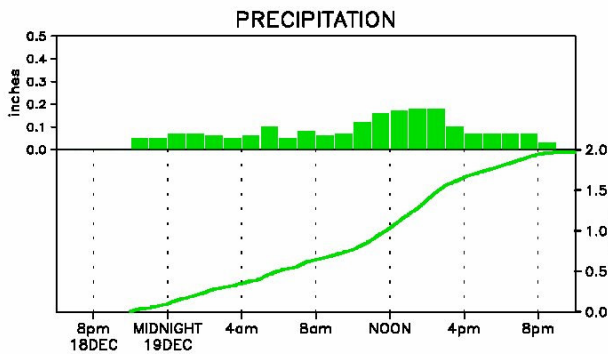
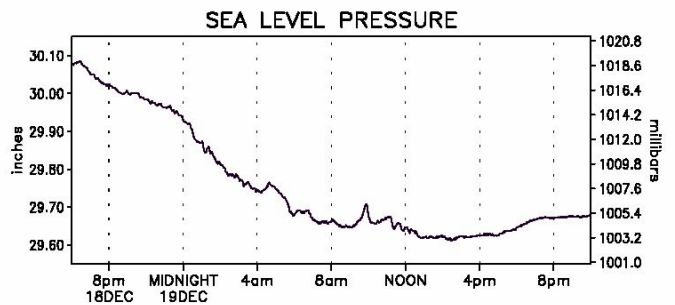
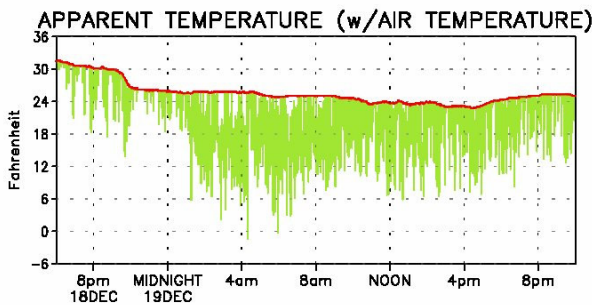
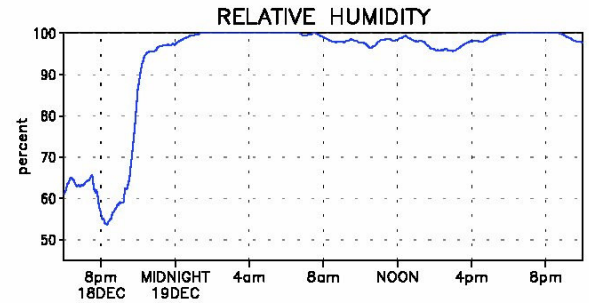
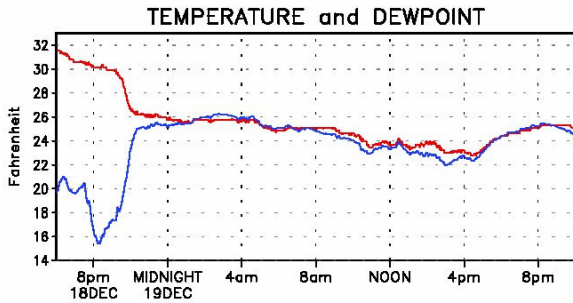
31st - Sleet mix to all snow, 2" by 8:15 AM

Dave Leshner of Davis 3 SE WV

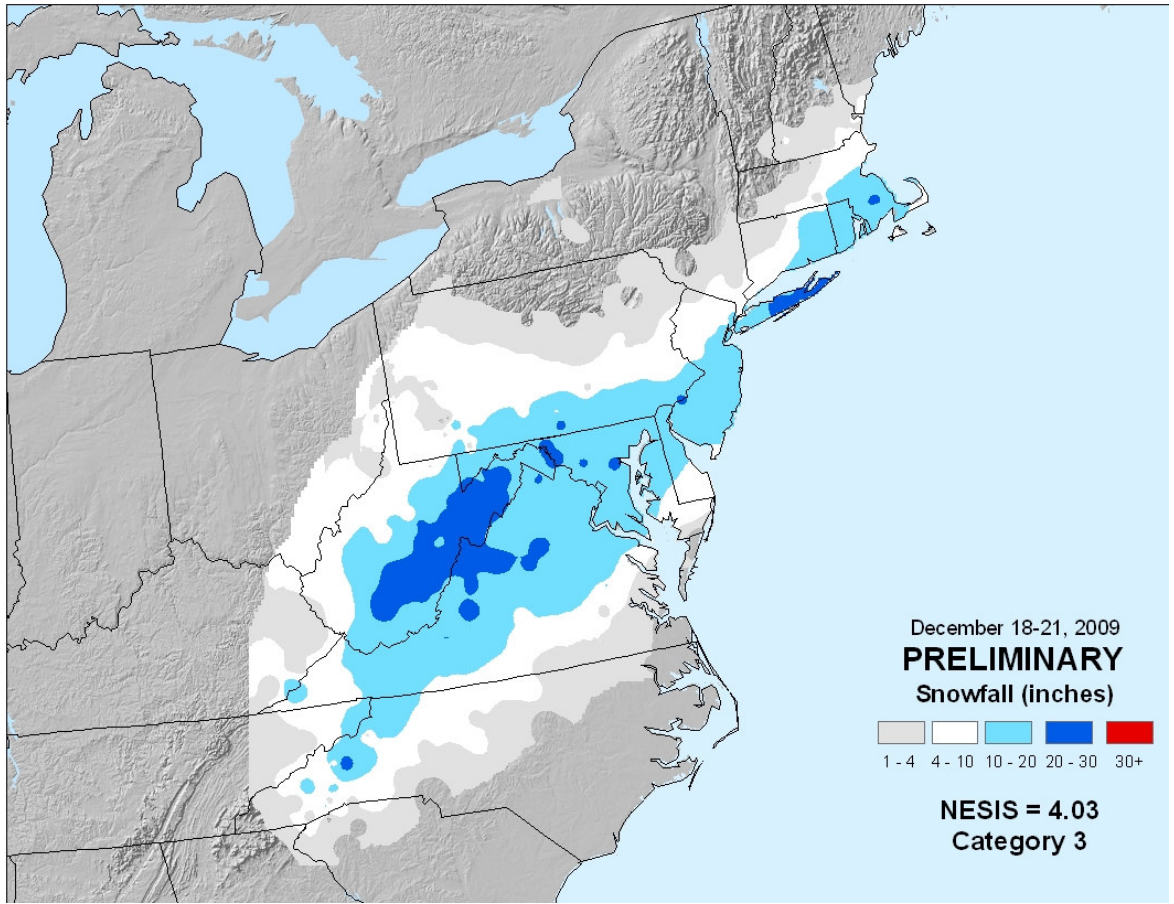
Maximum snow depth of 16" occurred on the 20th.

Plot of the December 18-19 snowstorm courtesy of Joe Terry of Forest Glen area in Silver Spring Maryland.

One-Minute Automated Weather Observations
 Fri Dec 18, 2009 (18h) to Sat Dec 19, 2009 (22h)



Snowfall from the December 18-21 storm. NESIS (Northeast Snow Impact Scale) rating of 4.03 placing as a low category 3 (major) storm. For more info about NESIS access the following web site: www.ncdc.noa.gov/snow-and-ice/nesis.php



Newspaper article provided by Marty Brumback on the December 18-19 snow-storm. The snowfall of 21.2" noted in the article is his.

County digs out after record snowfall

Storm stalls plans for big retail weekend

By ERICA MITRANO
Staff writer

It was a weekend as bleak as the weather for Southern Maryland retailers on what was supposed to be the biggest shopping time of the year.

"The most wonderful time of the year," as the song goes, is generally the Saturday before Christmas for store owners, according to Tom Saquella, president of the Maryland Retailers Association, as shoppers rush to get last-minute gifts. While the numbers aren't in for Dec. 19, Saquella expects that few did well.

"It definitely was a real setback for merchants," he said, especially because it wasn't this year's only weather-related retail catastrophe. Torrential rain two weeks ago thinned the crowds on another Saturday so sellers need every opportunity to make up for lost time. He expects stores will extend hours in the days remaining until Christmas but believes there are limits to what businesses can do to recover.

Kelechi African Authentics in the St. Charles Towne Center mall in Waldorf was among the stores that could not open at all on Saturday, according to co-owner Olivia Achuko.

See SHOP, Page A-10



Helen Moore shovels snow off of a vehicle in her driveway in Waldorf on Sunday. Her son, William Moore, in the background, helps with shoveling.

Totals vary across region; 21 inches fall in west county

By NANCY BROMLEY MCCONATY
Staff writer

The heaviest snow storm on record for December slammed the county this weekend and for the most part folks heeded the call to stay indoors and off the roads.

The National Weather Service in Sterling, Va., quickly turned a winter storm watch into a blizzard warning for Charles, Calvert, St. Mary's, Prince George's and Anne Arundel counties early Saturday morning as heavy snow cut visibility in almost nothing and steadily covered the roads with at least one inch of snow an hour.

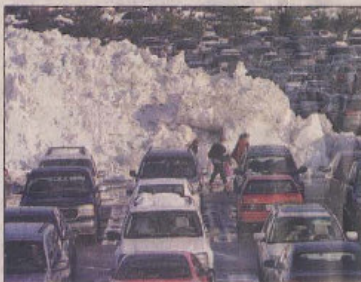
Snow totals widely varied

across the county with Waldorf receiving a little more than 16 inches and Bryans Road recording 21.2 inches, Bryan Jackson, NWS meteorologist, said Monday.

Port Tobacco and Dentsville received about 13 inches, he said, adding that freezing rain that mixed in with the snow caused the totals in some areas to be less.

The heavy snowfall coupled with winds predicted to be up to 40 miles per hour forced Charles County commissioners' President E. Wayne Cooper to declare a state of emergency in the county at 9 a.m. Saturday. On Monday the state of emer-

See SNOW, Page A-10



Far left, cars fill the parking lot Monday around St. Charles Towne Center amid piles of plowed snow. Left, David Bladsoe finishes putting up Christmas decorations at his home in Waldorf following a storm that dumped up to 21 inches of snow in some locations in the county Saturday.

Article continued on page 6.

Snow

Continued from Page A-1

gency was still in effect.

Cooper said he has been in touch with the county's public facilities crew since early Saturday morning.

"The roads were in pretty bad shape at that time," Cooper said Monday. "The neighborhoods are still in pretty rough shape. We're getting to them as fast as we can."

The treacherous road conditions also prompted the county to stop VanGO bus service Saturday, according to Amy Calvin, county spokeswoman. The service was running on an altered schedule Monday with the fixed route service starting two hours late. There was no morning dialysis subscription service or Nanjemoy subscription service, she said.

Senior centers were scheduled to open at 10 a.m. Monday and subscription service was available at those locations, Calvin said, adding that the county government opened two hours late Monday and Tuesday and liberal leave for employees was in effect.

The Charles County Courthouse was also closed Monday because of the road conditions from the storm and opened two hours late Tuesday.

There were few vehicular accidents reported during the storm, according to the Charles County Sheriff's Office and Maryland State Police La Plata barrack. Most of the calls were for motorists who had spun off of icy, snow-packed roads into



Reggie Butler of Waldorf and his son, Reilly, 2, use a plastic mat to slide down a hill near St. Charles Parkway in Waldorf on Monday.

ditches, said Cpl. Joseph Swann of the MSP.

"The biggest thing that we had to handle was getting motorists off the road when they spun out or pulling them out of a ditch," he said.

Capt. Robert Cleaveland, spokesman for the sheriff's office, said that people heeded the warning to stay off the roads during the storm.

"We had no serious vehicular accidents that resulted in serious injuries," he said Monday. "Everybody took notice of the severe weather and really limited their travel and stayed home. All in all it was not difficult on the roads."

The county's department of public facilities began to mobilize to deal with the storm at 9 p.m. Friday and worked steadily through Sunday evening and into Monday morning spreading salt and



Pin Owens walks her dog Qtip in a street covered with snow near her Waldorf home Sunday.



Rico Dennis shovels the sidewalk in front of his home in Waldorf.



Irvine Bryant uses a snowblower to clear snow in front of his home.

Donna Batten of Waldorf falls back into the snow after sliding down a hill on an innertube sled.

plowing roads, Calvin said, adding that all county roads were "passable" by 10 a.m. Monday.

Cooper said 137 pieces of contracted equipment and 43 pieces of county equipment were deployed to battle the storm. About 2,000 tons of salt were spread on county roads during the weekend.

Calvin reminded residents that the Maryland State Highway Administration is responsible for numbered routes such as U.S. 301

and Route 6. All named roads are the county's responsibility to clear, she said, adding that the owners of private roads must make arrangements to have those streets cleared.

The biggest problem county road crews were still encountering Monday morning was vehicles parked along the curbs in neighborhoods, Calvin said. County road officials ask folks to try to park all vehicles in driveways but if that isn't possible they should park all the vehicles on one

side of the road so plows can clear it and then move all of the cars to the opposite side of the road.

Abandoned vehicles or those parked in the county's snow emergency routes are reported to the sheriff's office for removal, Calvin said, adding so far no vehicles have been towed.

Southern Maryland Electric Cooperative reported 1,600 power outages between early Saturday morning and Sunday night, Tom Dennison, spokesman, said Monday. The outages were scattered throughout the county and were mainly caused by trees falling into electric lines.

No substations or transmission and feeder lines were impacted by the storm, Dennison said.

"All things considered with the record snowfall we have fared very, very well," said. "We really appreciate our customers' patience during the storm."

Cooper asks residents remain patient while road crews continue to plow and salt the roads.

"We're working on it full steam ahead," he said. "We're giving it all we've got."

nmccconaty@somdnews.com

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**ACON MD /DE / DC
DECEMBER 2009 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	43.0	27.1	35.1	68	3	12	24	0	3	25	40	W	29	8.63	2.04	9	54.26	10	4	19.7	17.0	19	19.7	2400
Legates, David	Middletown 6 N	43.8	28.1	36.0	68	3	14	23	0	1	22	33		10	7.54	2.11	9	33.15	12	2					2400
NWS Wilmington	New Castle Co. Apt.	42.5	28.2	35.4	68	3	18	29+	0	6	22	47	NW	29	8.58	2.28	9	52.06	10	4	19.7	17.0	19	19.7	2400
UofDE AG FARM DEOS***	Newark	42.0	27.0	34.5	66	3	16	23+	0	4	25	26		10	8.02	1.99	9	51.78	12	3					2400
U of D REC DEOS***	Townsend 4 W	41.8	27.3	34.6	68	3	12	23	0	7	23	34		29	6.78	2.09	9	49.72	11	2					2400
<i>Sussex, Delaware</i>																									
NWS Georgetown	Sussex Co. Airport	46.4	31.3	38.9	68	3	20	30	0	0	20	40	NE	19	6.77	1.93	9	58.97	13	1					2400
U of D REC DEOS***	Georgetown 5 SW	44.4	30.8	37.6	65	3	19	30	0	2	21	31		9	5.59	1.88	9	54.80	10	1					2400
U of D REC DEOS***	Harbeson 8 S	45.9	30.7	38.3	67	3	18	30	0	0	19	33		19	7.27	2.09	9	54.23	11	1					2400
<i>Allegany, Maryland</i>																									
Latta, Greg	Frostburg	33.2	20.2	26.7	47	1+	7	30	0	16	29				6.07	2.15	9	43.90	15	1	28.0	7.5	20	28.6	0700
Mullins, Nate**	LaVale	36.5	25.4	31.0	53	1	10	24	0	7	26				6.31	1.76	9	43.91	11	2	28.3	16.5	18-19	28.3	2400
<i>Anne Arundel, Maryland</i>																									
Hanson, Dan	Pasadena 2 N	43.5	26.9	35.2	64	3	15	24	0	2	23	35	WNW	17	6.65	1.54	9	53.83	12	1	20.0	19.0	19	20.0	2400
Jug Bay Wetlands	Lothian	46.4	26.4	36.4	70	1	12	24	0	1	22				8.32	1.73	9	61.77	11	3	11.0	11.0	19	11.0	0900
NWS Baltimore	BWI Airport	42.5	27.1	34.8	64	3	14	24	0	2	23	48	NW	29	8.06	1.54	19	55.57	11	3	23.2	20.5	19	23.2	2400
Stoudt, Jeff	Laurel 2 E	42.3	28.9	35.6	62	3	19	30	0	1	21				7.92	1.88	19	57.20	11	2	24.0	20.0	19	24.0	2400
<i>Baltimore, Maryland</i>																									
Sharrow, Marty	Owings Mills 2 SE	39.7	25.7	32.7	59	3	14	24	0	4	26				8.00	1.65	9	46.96	10	3	27.5	20.2	19	27.6	2400
<i>Baltimore City, Maryland</i>																									
Manfre, Joe	Baltimore 2 SE	44.8	32.2	38.5	65	3	23	30	0	1	16				7.24	1.51	9	55.84	11	2	21.5	20.3	19	21.5	1800
Maryland Science Ctr	Baltimore Inner Harbor	44.5	32.8	38.7	65	3	23	30	0	1	17				7.23	1.53	9	52.83	11	1					2400
<i>Carroll, Maryland</i>																									
Close Jr, Herb	Manchester 1 SW	38.8	23.9	31.4	57	3	12	30	0	8	25				6.15	1.28	9	51.58	10	2	29.1	18.0	19	29.5	2300
Hartsock, Ralph	Westminster 4 SSE	39.5	25.6	32.6	58	3	13	30	0	7	26	56	WNW	3	6.61	1.65	9	56.66	10	3	26.4	16.0	19	26.5	1800
Miller, Bobby	Millers 4 NE	39.2	25.7	32.5	58	3	14	30	0	6	26	44	W	10	6.49	1.51	9	54.53	12	3	29.9	17.4	19	30.2	1800
Muller, Ray +	Westminster City	PRECIPITATION ONLY STATION										43	WNW	10	6.10	1.36	9	52.87	10	3	26.7	17.0	19	26.7	1900
<i>Charles, Maryland</i>																									
Brumback, Marty	White Plains 5.5 WNW	44.1	30.0	37.1	66	3	21	22+	0	2	22	36	W	29	8.85	1.98	19	51.01	12	3	26.7	21.2	19	26.7	2400/2000
<i>Frederick, Maryland</i>																									
Glass, Eric	Emmitsburg 2 SE	40.3	25.4	32.9	57	4	7	24	0	4	26				7.51	1.73	26	48.45	8	4	21.5	18.0	20	21.5	0630
<i>Garrett, Maryland</i>																									
Harvey, Rebecca	Eagle Rock	33.4	18.4	25.9	54	15	4	11+	0	16	29				5.87	2.33	9	49.02	18	2	49.5	14.0	19	57.7	0800

ACON MD / DE / DC
DECEMBER 2009 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	53 32	56 30	68 44	50 31	42 33	38 29	42 25	44 29	55 36	46 27	35 23	42 26	51 29	50 33	54 41	35 28	33 24	31 19	33 23	38 22	39 25	32 20	39 13	42 12	54 19	42 28	50 28	39 22	33 18	33 22	35 18	43.0 27.1	2400 EST	
MIDDLETOWN 6 N LEGATES	54 33	57 33	68 41	51 35	43 29	39 26	43 30	45 37	57 28	47 23	35 28	43 29	53 53	51 34	55 42	42 28	36 24	34 19	31 23	34 24	39 22	40 25	40 16	42 20	54 42	51 32	40 31	33 22	33 18	35 29	43.8 28.1	2400 EST		
WILMINGTON , DE NWS NEW CASTLE CO APT	52 34	58 32	68 45	51 34	43 33	38 28	42 27	44 33	56 37	47 27	34 22	42 27	51 28	49 37	54 40	40 27	35 24	42 20	32 23	32 24	36 23	37 25	29 18	38 18	41 23	53 40	50 31	39 30	32 18	31 18	34 29	42.5 28.2	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS	52 32	56 30	66 42	50 32	42 33	36 29	43 26	44 29	54 35	46 27	34 21	35 25	47 27	51 34	54 40	40 27	34 25	33 20	30 22	33 20	38 17	38 27	31 16	38 16	41 21	53 41	49 29	39 30	32 21	31 18	34 27	42.0 27.0	2400 EST	
TOWNSEND 4 W, DE U of D REC DEOS	52 33	57 35	68 42	49 35	42 31	37 28	42 26	43 30	46 36	46 27	34 22	36 25	54 32	49 31	53 40	40 27	34 25	31 20	32 22	35 22	36 23	36 22	29 14	37 14	41 16	54 48	48 35	40 30	32 21	31 18	32 28	41.8 27.3	2400 EST	
GEORGETOWN, DE NWS SUSSEX CO APT	53 35	64 39	68 48	56 38	47 34	41 30	47 28	47 35	64 44	55 31	36 26	43 22	56 29	53 36	55 44	44 30	37 25	36 23	35 26	34 26	39 26	41 26	37 25	36 23	53 48	59 35	52 32	42 25	34 20	34 30	41 31.3	2400 EST		
GEORGETOWN, DE U of D REC DEOS	51 35	59 37	65 46	53 37	45 40	39 28	46 31	44 43	63 30	54 26	35 25	37 28	56 41	53 47	53 30	39 30	34 23	33 22	34 25	32 24	37 26	39 26	35 26	35 21	53 47	58 36	50 31	41 24	33 19	32 29	44.4 30.8	2400 EST		
HARBESON 8 S, DE U of D REC DEOS	52 34	63 38	67 47	52 37	45 33	40 29	47 27	45 33	64 45	55 30	64 25	37 21	56 27	52 36	54 46	39 36	35 26	37 26	36 26	33 24	38 26	40 22	35 22	33 22	58 48	51 34	40 31	33 24	33 18	39 28	45.9 30.7	2400 EST		
FROSTBURG LATTA	47 27	47 30	47 35	46 32	36 29	29 17	26 17	36 18	33 28	47 24	24 10	33 11	43 18	43 28	47 35	42 18	26 15	30 15	27 18	20 17	25 18	29 22	27 18	30 12	30 12	37 24	38 29	40 19	22 13	20 7	22 10	33.2 20.2	0700 EST	
LAVALE MULLINS**	53 35	46 31	48 40	40 34	34 29	34 23	34 21	36 32	42 32	32 18	29 16	39 20	36 24	46 35	46 30	34 23	36 20	32 23	25 23	35 26	35 30	33 27	37 23	35 10	35 24	41 35	44 27	29 25	27 19	26 13	34 24	36.5 25.4	2400 EST	
PASADENA 2 N HANSON	56 30	59 33	64 38	50 33	44 33	39 27	44 25	46 29	56 37	45 28	37 22	44 22	42 29	50 33	59 40	40 28	36 24	34 24	29 24	34 23	40 19	41 21	39 17	40 15	43 19	51 40	52 30	39 31	33 20	32 16	34 30	43.5 26.9	2400 EST	
LOTHIAN JUG BAY	70 28	57 35	65 41	65 33	M	52	M	46	46	57	45	39	47	41	52	57	41	37	35	27	36	40	M	42	44	53	M	53	39	34	34	46.4	0900 EST	
BALTIMORE NWS BWI APT	55 30	58 33	64 39	48 34	44 33	35 27	41 26	44 32	54 36	46 27	46 22	43 23	42 30	50 33	58 39	39 26	36 22	33 21	25 23	34 24	38 24	38 21	35 17	38 14	42 19	52 40	50 30	39 31	33 19	33 18	34 28	42.5 27.1	2400 EST	
LAUREL 2 E STOUDT	54 31	57 35	62 44	48 36	43 33	35 27	40 27	43 33	51 35	46 28	37 23	42 25	42 32	50 34	56 39	39 28	35 25	34 21	28 24	33 23	38 25	39 28	37 22	39 20	44 23	53 42	48 33	39 32	33 21	33 19	42.3 28.9	2400 EST		
OWINGS MILLS 2SE SHARROW	51 29	53 30	59 41	46 34	40 29	33 24	37 23	39 30	49 31	43 26	35 19	39 21	47 28	43 33	40 37	53 28	37 21	33 20	33 19	35 20	37 22	37 23	33 21	35 14	40 20	51 39	44 30	47 27	30 18	31 16	34 24	39.7 25.7	2400 EST	
BALTIMORE 2SE MANFRE	57 38	59 40	65 45	51 41	47 34	36 28	44 33	48 36	56 36	49 31	38 24	46 29	47 34	52 40	60 41	41 34	37 25	34 28	30 25	36 28	40 27	41 28	38 27	40 24	44 30	55 44	52 39	42 33	35 25	34 29	44.8 32.2	1800 EST		
BALT INNER HARBOR MD SCIENCE CENTER	56 37	58 41	65 47	50 43	47 35	39 31	44 32	47 36	56 36	49 30	37 24	45 29	45 35	51 40	59 42	42 35	37 27	34 28	29 25	36 27	40 32	40 29	41 32	38 29	40 25	54 44	51 39	42 33	34 25	33 29	35 32.8	2400 EST		
MANCHESTER 1SW CLOSE	50 26	53 35	57 39	45 33	35 25	35 19	35 21	41 30	49 30	38 20	31 15	40 20	40 29	47 37	50 33	34 23	31 17	33 18	26 18	32 17	36 17	34 21	32 19	37 16	50 38	46 29	36 25	36 14	27 12	29 23	38.8 23.9	2300 EST		
WESTMINSTER 4 SSE HARTSOCK	49 28	51 31	58 45	48 33	41 31	29 21	38 21	41 30	48 31	45 27	31 17	37 23	39 27	50 34	52 40	42 27	32 20	34 18	31 20	29 20	33 20	37 26	37 19	30 15	33 19	48 37	51 29	45 27	37 21	33 13	35 25	39.5 25.6	1800 EST	
MILLERS 4NE MILLER	51 27	47 32	58 47	40 33	36 21	40 31	36 21	40 31	51 27	44 16	44 20	39 16	48 20	49 37	42 33	42 28	32 18	33 18	29 22	29 18	36 25	36 25	33 18	34 18	50 38	47 37	37 28	32 22	28 14	32 24	39.2 25.7	1800 EST		
WESTMINSTER CITY MULLER																																		1900 EST
WHITE PLAINS 5.5 WNW BRUMBACK	56 31	61 42	66 45	50 38	45 33	38 29	44 29	45 32	53 37	39 30	43 24	40 23	49 33	44 34	55 41	41 31	38 25	34 22	29 25	36 25	40 22	42 21	41 25	39 23	47 26	53 47	50 31	41 29	34 26	32 21	36 31	44.1 30.0	2400 EST	
EMMITSBURG 2 SE GLASS	50 32	54 29	56 32	57 38	47 37	38 28	35 25	38 25	42 33	48 33	38 20	34 20	41 25	44 30	48 35	51 30	36 21	34 20	33 23	26 21	32 25	37 26	37 23	34 7	33 8	42 24	45 30	47 30	33 24	29 16	30 17	40.3 25.4	0700 EST	

**ACON MD / DE / DC
DECEMBER 2009 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 HARVEY	38	48	50	40	32	30	38	30	34	48	20	20	38	48	54	40	28	30	30	20	24	24	24	30	40	36	31	36	20	20	34	33.4	0800 EST	
LAUREL JHU / APL GIANNOLA	55	56	61	47	42	34	41	43	51	45	33	42	42	48	54	37	33	32	25	32	37	37	34	40	42	51	49	39	31	30	34	41.2	2400 EST	
NORBECK 1 SE BERGER	54	57	59	46	42	34	38	39	50	45	35	40	39	47	54	41	34	32	28	33	36	36	34	35	43	52	47	38	32	30	33	40.7	2200 EST	
POTOMAC 4N COHEN	54	55	60	47	43	34	39	43	52	45	35	40	39	48	52	42	34	34	28	32	37	38	35	36	43	50	46	38	31	30	34	41.1	2100 EST	
OLNEY 1 S GIANNOLA	54	55	58	47	41	34	38	41	51	42	35	40	38	47	54	38	35	33	26	31	35	37	34	35	41	51	46	>	>	>	37	41.2	2400 EST	
CLARKSBURG 2ENE HOLDEN	54	56	59	46	41	32	37	41	50	43	34	41	44	49	53	37	35	33	25	32	37	36	33	35	43	50	47	38	31	30	32	40.5	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW	53	57	59	48	43	M	M	M	M	M	M	M	M	39	49	51	39	35	34	28	33	37	38	35	35	43	51	46	38	33	33	35	41.3	2400 EST
GLENMONT 1NNE ROSSEN	58	57	62	47	43	36	42	45	53	43	38	45	40	50	55	40	36	33	27	35	41	40	40	41	44	51	51	37	33	33	34	42.9	2400 EST	
BETHESDA SCAFIDE	55	58	60	47	44	34	40	43	52	44	36	41	39	48	55	39	36	33	26	33	38	38	36	37	45	52	48	39	32	30	33	41.6	2400 EST	
GAITHERSBURG 2WNW SHAW	56	57	60	48	42	35	39	43	53	44	36	42	40	49	55	39	36	34	26	34	39	39	36	37	44	50	48	39	33	32	35	41.9	2400 EST	
FOREST GLEN TERRY	58	57	63	48	44	40	43	47	53	45	40	45	40	50	58	41	39	34	27	39	43	42	42	43	45	54	53	40	35	33	35	44.4	2400 EST	
OXON HILL SMITH	55	59	64	49	45	37	44	45	52	45	39	42	41	50	56	41	37	33	28	34	39	39	39	39	46	55	50	38	33	32	35	43.2	2300 EST	
HOLLYWOOD ABELL	56	59	67	53	47	41	46	46	59	57	37	45	53	53	57	43	39	34	32	36	42	44	43	38	50	57	51	42	35	35	37	46.3	2359 EST	
RIDGE ZYLA	55	62	67	52	46	42	47	45	64	54	37	41	54	53	51	43	39	34	33	36	39	42	42	36	49	57	51	42	35	33	39	45.8	2400 EST	
SMITHSBURG 1.5 SW HUTTO	34	43	46	42	34	31	34	38	42	30	25	29	34	37	34	32	27	29	25	27	28	28	29	29	36	53	38	29	25	23	32	33.0	EST	
SMITHSBURG 1.5 SW HUTTO	54	58	59	46	39	33	37	42	48	41	33	41	39	50	51	37	34	34	26	33	38	37	34	34	42	43	47	41	31	31	35	40.3	2400 EST	
HAGERSTOWN 1E KEEFER	31	28	45	39	29	25	23	32	32	23	18	21	33	36	36	24	21	18	23	21	22	25	16	4	13	35	25	28	19	16	26	25.4	EST	
HAGERSTOWN 1E KEEFER	55	57	58	47	41	34	37	42	47	42	34	41	39	51	52	38	36	34	27	34	38	37	34	32	46	44	46	38	31	30	34	40.5	2400 EST	
SMITHSBURG 2 NE VAUGHN	30	30	45	39	29	26	26	33	33	24	19	20	33	37	38	26	21	20	23	21	22	26	18	8	16	36	26	29	20	18	27	26.4	EST	
SMITHSBURG 2 NE VAUGHN	53	59	60	45	40	33	37	42	49	40	32	39	44	49	50	32	32	33	25	32	35	34	33	35	45	46	45	42	30	30	32	39.8	2400 EST	
SALISBURY NWS WICOMICO CO APT	28	37	42	36	25	23	23	29	29	16	13	20	28	39	31	17	17	19	17	19	25	16	11	19	35	29	21	14	14	22	23.6	EST		
SALISBURY NWS WICOMICO CO APT	50	65	67	56	46	41	48	46	63	57	36	43	56	54	53	44	36	35	38	33	38	42	38	38	56	60	51	41	34	33	41	46.4	2400 EST	
WASH NATIONAL NWS ASOS	35	35	47	36	34	30	27	31	44	31	27	21	28	32	44	29	23	20	25	26	28	27	26	24	33	46	34	29	23	20	28	30.4	EST	
WASH NATIONAL NWS ASOS	54	59	65	50	46	39	44	45	53	49	40	44	44	49	58	42	38	35	29	36	41	40	39	39	47	54	49	40	35	33	36	44.3	2400 EST	
WASH DULLES NWS ASOS	34	41	47	41	33	30	31	35	37	30	24	27	35	33	42	30	27	27	25	27	24	26	29	25	29	39	34	34	25	23	31	31.5	EST	
WASH DULLES NWS ASOS	58	60	62	48	45	36	41	43	51	45	39	43	41	51	57	41	37	34	27	35	38	39	40	36	46	47	50	40	34	32	34	42.9	2400 EST	
STERLING 4 N SHAFFER	30	35	41	34	33	26	26	32	36	27	21	20	32	31	40	29	24	20	24	25	16	32	18	13	19	38	28	32	22	18	30	27.5	EST	
STERLING 4 N SHAFFER	58	59	63	48	44	37	41	45	50	44	40	43	41	51	54	40	39	33	27	35	40	38	40	37	41	47	51	40	34	33	33	42.8	2400 EST	
DAVIS 3 SE WV LESHES	32	36	48	36	33	27	29	34	37	30	21	20	32	31	44	32	25	22	24	26	23	32	21	15	23	39	30	31	27	21	29	29.4	EST	
DAVIS 3 SE WV LESHES	41	45	51	38	28	25	26	32	38	49	17	19	39	45	52	41	21	25	36	18	17	21	24	29	42	37	35	35	16	18	31	32.0	0700 EST	
DAVIS 3 SE WV LESHES	22	24	38	27	25	13	13	22	23	17	4	5	12	33	33	13	10	10	15	13	14	17	19	13	19	23	25	13	9	3	18	17.6	EST	

**ACON MD / DE / DC
DECEMBER 2009 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		0.70	0.31		0.71 1.0			0.04	2.04				1.03						1.58 17.0	T					0.43	1.42				0.37 1.7	8.63 19.7	2400 EDT	
MIDDLETOWN 6 N LEGATES		0.70	0.27		0.67	0.13	0.01	0.07	2.11				0.94						0.31	#	#	#			0.49	1.49				0.35	7.54	2400 EDT	
WILMINGTON, DE NWS NEW CASTLE CO APT		0.69	0.25		0.49 1.0			0.02	2.28				1.18					T 17.0	T						0.35	1.56				0.36 1.7	8.58 19.7	2400 EST	
NEWARK AG FARM, DE U OF DE DEOS		0.80	0.28		0.71	0.05		0.04	1.99				1.20						0.27		#	#			0.01	0.52	1.75			0.40	8.02	2400 EDT	
TOWNSEND 4 W, DE U of D REC DEOS		0.63	0.29		0.78	0.13		0.10	2.09				0.92						0.02	#	#				0.23	1.38				0.21	6.78	2400 EDT	
GEORGETOWN, DE NWS SUSSEX CO APT	0.03	0.67	0.87		0.59			0.11	1.93				0.80					0.02	0.61	0.01					0.10	0.60				0.43	6.77	2400 EST	
GEORGETOWN, DE U of D REC DEOS		0.52	M		0.25			0.15	1.88				0.89						0.58		#	#			0.14	0.72	0.01			0.45	5.59	2400 EDT	
HARBESON 8 S, DE U of D REC DEOS		0.72	0.60		0.62			0.10	2.09				0.79					0.05	0.82	#	#	#			0.11	0.94				0.43	7.27	2400 EDT	
FROSTBURG LATTA	0.01		0.90	0.01	T 0.1	0.37 4.9		T	2.15 4.0	0.06	T	T	T	0.30				0.40 6.7	0.70 7.5	T 0.3	T 0.3	T T		0.04 0.1	0.97 0.2	0.01	0.01 0.6	0.01 1.5	T T	0.13 1.8	6.07 28.0	0700 EDT	
LAVALE MULLINS**		0.40	0.39		0.44 5.0			0.50 3.0	1.76 1.0				0.35 T		T			> >	1.44 16.5					0.58 0.3	0.25 T		0.01 0.5	T		0.19 2.0	6.31 28.3	2400 EDT	
PASADENA 2N HANSON		0.59	0.64		0.82 T	0.10	0.01	0.19	1.54				0.65					1.0	0.42 19.0	#	#	#	#		0.50	0.88				0.31	6.65 20.0	2400 EDT	
LOTHIAN JUG BAY	0.28		1.36			0.93			1.73				0.03	0.62					0.91 11.0	0.93 M						1.17	0.02			0.34	8.32 11.0	0900 EDT	
BWI NWS ASOS		0.59	0.53		0.85 1.0			0.30 0.1	1.41				0.67					0.03 0.6	1.54 20.5	T					0.73	1.02				0.39 1.0	8.06 23.2	2400 EST	
LAUREL 2 E STOUDT		0.51	0.42		0.81 2.3		T	0.28 0.1	1.31				0.67					0.08 1.0	1.88 20.0						0.63	0.91				0.42 0.6	7.92 24.0	2400 EST	
OWINGS MILLS 2SE SHARROW		0.63	0.51		0.65 4.0			1.65 1.0	0.1				0.78					0.02 0.2	1.52 20.2	T					0.78	1.02				0.44 2.0	8.00 27.5	2400 EDT	
BALTIMORE 2SE MANFRE		0.47	0.48		0.68 T			0.18	1.51				0.66					0.02 0.2	1.36 20.3	T					0.62	0.90				0.36 1.0	7.24 21.5	1800 EDT	
BALT INNER HARBOR MD SCIENCE CENTER		0.58	0.53		0.68			0.23	1.53				0.71					0.02	0.98						0.64	0.96				0.37	7.23	2400 EST	
MANCHESTER 1SW CLOSE		0.69	0.24		0.52 7.5			0.10 2.0	1.28 0.5				0.53					T T	1.25 18.0	T					0.34	0.99		T	T	0.21 1.1	6.15 29.1	2300 EDT	
WESTMINSTER 4 SSE HARTSOCK		0.25	0.78		0.47 4.3	T 0.7		1.65 2.2					0.57						1.06 16.0	0.20 2.0					0.03	1.42				0.18 1.2	6.61 26.4	1800 EDT	
MILLERS 4NE MILLER	T T	0.30	0.76		0.51 6.1	0.04 0.5		1.51 3.0	T T				0.61 T	T					1.11 17.4	0.15 1.6					0.01	1.36	0.01			0.12 1.3	6.49 29.9	1800 EDT	
WESTMINSTER CITY MULLER		0.48	0.39		0.48 5.5			1.36 0.8					0.51						1.23 17.0	0.12 1.8					0.38	1.01				0.14 1.6	6.10 26.7	1900 EDT	
WHITE PLAINS 5.5 WNW BRUMBACK		0.37	0.98		0.93 2.5			0.03	1.69				0.67	0.01				0.23 3.0	1.98 21.2						0.52	1.10				0.34	8.85 26.7	2000 EDT	
EMMITSBURG 2 SE GLASS			1.21		T 0.5			1.51	0.52				T	0.59	T	T			T	1.20 18.0						1.73	0.40			0.35 3.0	7.51 21.5	0630 EDT	

**ACON MD / DE / DC
DECEMBER 2009 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	0.04		0.32	0.10 2.0	0.30 4.0	0.20 3.0			2.33 4.0	T	0.04 2.0		0.08		0.05	T			1.00 14.0	0.35 5.0	0.07 2.0	0.10 2.0			0.17 0.5	0.20		0.15 4.0	0.27 6.0		0.10 1.0	5.87 49.5	0800 EDT
LAUREL JHU / APL GIANNOLA		0.60	0.32		0.71 3.7			0.22	1.23				0.77					0.03 >	1.56 23.0							0.61 0.72					0.46 2.0	7.23 28.7	2400 EDT
NORBECK 1 SE BERGER		0.52	0.26		0.81 3.5			0.10 0.1	1.46				0.73					0.01 0.1	1.94 20.9	0.02 0.3					0.51 0.85					0.42 1.2	7.63 26.1	2200 EDT	
POTOMAC 4N COHEN		0.49	0.24		0.70 3.7				1.40				0.72						1.50 20.5						0.45 1.10					0.47 1.0	7.07 25.2	2100 EDT	
OLNEY 1 S GIANNOLA		>	0.89		0.95 5.0			>	1.33				0.74 T					>	1.54 23.3						>	1.21				0.38 2.0	7.04 30.3	2400 EDT	
CLARKSBURG 2ENE HOLDEN		0.48	0.17		0.92 7.5		T	0.44 1.1	1.15				0.70					0.10 1.0	1.82 23.0						0.43 0.79					0.38 2.5	7.38 35.1	2400 EST	
MONTGOMERY VILLAGE ROTH 1SW		0.42	0.16		0.30	>	>	>	>	>	>	>	2.37							1.46						0.62 0.79				0.30 0.0	6.42 0.0	2400 EDT	
GLENMONT 1NNE ROSSEN		0.52	0.29		0.74 3.0			0.41 0.1	1.20				0.78					0.11 1.0	1.60 17.7	T					0.67 0.82					0.47 0.7	7.61 22.5	2400 EST	
BETHESDA SCAFIDE		0.49	0.19		0.19		0.18	0.67	1.28				0.72						0.21	#	#	#		0.02	0.90	0.74	0.01			0.30 -	5.90	2400 EDT	
GAITHERSBURG 2WNW SHAW		0.43	0.17		0.99 4.1			0.39 0.2	1.00				0.66					0.11 1.1	1.51 19.3						0.54 0.70					0.40 1.4	6.90 26.1	2400 EDT	
FOREST GLEN TERRY		0.56	0.20		0.78 2.5			0.44 0.1	1.23				0.73					0.10 1.0	1.94 19.5						0.70 0.98					0.48 0.5	8.14 23.6	2400 EDT	
OXON HILL SMITH		0.50	0.40		0.77 0.8			0.33 T	1.31				0.52					0.15 1.5	1.35 15.5						0.66 0.85					0.44 0.1	7.28 17.9	2300 EDT	
HOLLYWOOD ABELL		1.40	0.48		0.67 0.1			0.17	1.75				0.95					0.26 3.5	1.19 11.0						0.84 0.42					0.38 14.6	8.51	2359 EDT	
RIDGE ZYLA		1.04	0.57		0.65 T			0.43	2.05				1.11	0.02				0.47 4.5	1.05 5.2						0.44 0.03					0.39 8.25	9.7	2400 EDT	
SMITHSBURG 1.5 SW HUTTO		0.49	0.07		0.16 1.5			0.22 2.0	1.06	0.01			0.61 T					0.03 2.0	0.73 13.5	0.02					0.12 T	0.24		T		0.26 3.5	4.02 22.5	2400 EDT	
HAGERSTOWN 1E KEEFER		0.59	0.09		0.24 1.2			0.23 2.0	1.46				0.54 T					0.02 0.5	1.08 15.7						0.19 T	0.61		T		0.31 3.0	5.36 22.4	2400 EDT	
SMITHSBURG 2 NE VAUGHN		0.63	0.15		0.30 3.2			0.26 2.5	1.08				0.52 T					0.01 0.1	1.45 16.1						0.71 0.69	0.01				0.22 2.4	6.03 24.3	2400 EDT	
SALISBURY NWS WICOMICO CO APT		0.75	0.30		0.15 T			0.08	1.61				1.02					0.04 T	0.25 2.0	T					T	0.01				0.32 2.0	4.53	2400 EDT	
WASH NATIONAL NWS ASOS		0.48	0.29		0.68 0.2			0.30 T	1.29				0.43					0.11 1.4	1.34 15.0	T					0.58 0.86					0.43 16.6	6.79	2400 EST	
WASH DULLES NWS ASOS		0.43	0.14		0.58 3.0			0.41 T	0.93				0.58					0.17 2.0	1.34 16.0	T			T		0.60 0.43				T	0.37 0.4	5.98 21.4	2400 EST	
STERLING 4 N SHAFFER		0.25	T		0.50 4.0			>	1.34 0.3				0.62					0.22 2.0	1.88 18.0						0.60 0.43		T			0.20 2.0	6.04 26.3	2400 EDT	
DAVIS 3 SE WV LESHAR	0.36 0.7		0.69	0.28 0.9	0.06 0.5	0.67 8.7		0.11 0.6	1.89 0.4	0.03 0.2	0.08 3.2		0.03	0.66	0.02	0.06 0.1	T		0.65 10.9	0.82 11.4	0.06 1.1	0.08 1.2	T	0.1	0.06 T	0.18		0.15 1.4	0.44 5.6	T	0.18 1.4	7.56 48.4	0700 EDT