



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

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

HEAVY WEEKEND SNOW ON THE 11th & 12th THEN THE A RECORD DRY SPELL BEGINS

February's highlight was the winter snow storm of the 11th and 12th. The heaviest snowfall totals were observed in a 50 mile band west and north of Interstate Highway 95 where totals ranged upwards of 20+ inches. Temperatures averaged slightly above normal while precipitation slightly below normal. The maximum temperature failed to rise above freezing on only one day at many stations.. Several strong cold fronts brought strong winds but little precipitation.

The month began on a mild note. The first of two notable periods of precipitation occurred on the 3rd and 4th. Rain fell early on the 3rd and during the day of the 4th. The 3rd was a very warm February day. Maximum temperatures were in the low to mid 60's while the minimums were in the lower 40's. Extremes reported by ACON observers were: 67 by **John Zyla** of **Ridge**, and a high min of 48 by **Dave Bryant** of **Annapolis 2N**. Temperatures remained above freezing in the Maryland mountains. Showers, some heavy and some with thunder along with strong winds occurred on the 4th.

Dry seasonal weather followed. A few flurries fell on the 8th west of Baltimore.

The heaviest winter storm of the season moved into the region on Saturday, the 11th. It began as rain and or wet snow in the southern portions and wet snow elsewhere. The snow became heavy the evening of the 11th and continued till dawn of the 12th. Snowfall rates of 1 to 3 inches per hour were reported. Snow clung to trees and power lines. The result was power disruption to as many as 300,000 customers south of Baltimore. Some regions were out till Tuesday. The snow became drier as the temperatures fell. Minimal drifting was reported due to the lack of strong winds. The heaviest snowfall reported by **ACON observers**

was 20.1" by **Marty Sharrow** of **Owings Mills**. The following **ACON observers** also reported more than 15 inches: **Greg Klein** of **Westminster 5 SSE**, 17.0"; **Ray Muller** of **Westminster City** 16.0"; **Bobby Miller** of **Millers 4 NNE** 15.4"; and **Rob Cohen** of **Potomac 4 N** 15.3"; and **Rich Giannola** of **JHU/APL**: and **Olney 1 S** 15.0". As a result of the "warm" ground and the high late winter sun angle the snow melted quickly on pavement surfaces once they were plowed.

The coldest temperatures in the wake of the storm occurred the morning of the 13th. Temperatures fell into the mid to upper teens. **Gary Gallaher** of **Bear 2 SW DE** and **Al Kreinik** of **Parkton 5 SW** both reported 9 degrees, the coldest in the region. The snow cover did not last long. Warming daytime temperatures and bright sunny skies melted most if not all of the snow by Friday, the 17th. Temperatures rose into the 60's at many stations on the 16th and 17th ahead of a strong cold front. **Jug Bay Wetlands** hit the 70 degree mark. A strong cold front moved through the region on the 17th bringing strong, some damaging, winds. **Greg Keefer** of **Hagerstown 1E** reported a 68 MPH wind gust at 9:25 AM. **Jim Vaughn** of **Smithsburg 2 NE** reported a 62 MPH gust.

Many stations recorded their coldest temperatures of the month on the 19th. Heavy fog was reported the mornings of the 22nd and 23rd. Windy conditions returned for the 24th, 25th and 26th. The last snow fell on the 28th. Flurries to a light dusting fell east of the mountains. **Rebecca Harvey** of **Eagle Rock** reported 7 inches, her heaviest of the month. **Greg Latta** of **Frostburg** reported 5.5" and **Nate Mullins** of **LaVale** 2.0". **Dave Leshner** of **Davis 3 SE WV** reported 7.9" also his heaviest of the month. **Dave Leshner** reported snow fell on all but six days this month.

EXTREMES REPORTED BY

ACON OBSERVERS

MAXIMUM TEMPERATURE

Jug Bay Wetlands	70
Hollywood	69
Forest Glen	68
Ridge	68

MINIMUM TEMPERATURE

Davis 3 SE WV	-12
Eagle Rock	-8
Frostburg	-1

WARMEST AVG. TEMP.

Annapolis 2N	41.2
Ridge	39.8
Hollywood	39.6

COLDEST AVG. TEMP.

Davis 3 SE WV	23.1
Eagle Rock	26.3
Frostburg	28.6

MAXIMUM PRECIPITATION

Davis 3 SE WV	3.30
Owings Mills	3.04
Potomac 4 N	3.00

MINIMUM PRECIPITATION

Annapolis 4N	1.40
Ridge	1.41
LaVale	1.49

MAXIMUM SNOWFALL

Davis 3 SE WV	43.5
Eagle Rock	28.5
Owings Mills	20.2

Very little precipitation fell after the 12th. The heaviest amounts of 0.15" to 0.25" fell in portions of the Washington DC region. Snowfall amounts were mostly a trace to a few tenths of an inch.

OBSERVER COMMENTS FOR FEBRUARY 2006

Gary Gallaher of Bear 2 SW, DE

4th - Thunder around 4 PM.

13th - 9 degrees at dawn, clear skies, light winds, dew point 8 degrees, snow cover of 8".

17th - Windy, mid day falling temperatures.

Nate Mullins of LaVale

4th - Rain occasionally heavy at times

11th - Steady light snow all day and evening.

16th - Sunny & unusually mild, 67, hazy late in the day.

17th - Wind gusts 40+ mph and rapidly falling temperatures after a cold frontal passage. Scattered tree damage and power outages in the area.

Dave Bryant of St Margarets

Station located near the water - east side of the Severn River.

Jeff Stoudt of Laurel 2 E

4th - Showers and thundershowers.

11th - Snow began as rain, Snow heavy during the evening.

12th - Heavy snow till 0700. Possible unobserved thunder before 0400.

22nd - Light rain, wet snow then drizzle.

Al Kreinik of Parkton 5 SW

Winter 2005-06 Avg max 44.1 (+2.7) Avg min 24.9 (+2.2), Avg temp 34.5 (+2.4), Snow 20.1".

4th - Thunder to south in the evening, gusty winds.

23rd - Heavy AM fog, visibility 1/16th mile.

Marty Sharrow of Owings Mills

2nd - Frosty start, increasingly cloudy.

12th - Heavy snow early.

19th - Lots of sunshine, cold.

26th - Sun and clouds, very windy and colder.

Joe Manfre of Baltimore 2SE

4th - Thunder

12th - Snow till late morning, thunder, lightning.

25th - Windy mild, tuning colder in PM.

Ralph Hartsock of Westminster 4 SSE

4th - Rain, drizzle, some heavy, heavy thunderstorm.

11th-12th - PM snow, heavy at times. Very heavy overnight, drifting and blowing.

28th - Overnight dusting of snow.

Bobby Miller of Millers 4 NE

Winter 2005-06 Avg max 42.9 (+2.1) Avg min 26.5 (+1.3), Avg temp 34.7 (+1.6), Precip 10.94 (+0.86) Snow 26.2" (+2.1).

12th - Early heavy snow falling at 2 to 3 inches per hour. Thunder at 3 AM.

22nd - Heavy fog @ 6 PM obs time visibility 1/16 mile

26th - PM max 31 degrees.

Ray Muller of Westminster City

4th - Heavy rain at times with frontal passage.

Manuel Farfan of Frederick 4 N

3rd - Rain ended ~ 8 AM, then mostly cloudy and warm.

12th - Heavy snow bands 1 to 6 AM. Mostly cloudy later with some snow showers in the afternoon.

16th - Warm and sunny with all the snow gone.

Rebecca Harvey of Eagle Rock

10th - Max snow cover on the month of 10".

Lynn Albright of Fallston 2 NW

11th-12th - Snowfall total 17.0".

Rich Giannola of JHU/APL

22nd - Morning SHSN ending by ~11 AM.

Rob Cohen of Potomac 4 N

4th - Thunder at 2 PM.

11th-12th - Occasional light rain/snow AM, to steady snow by 2PM. Heavy snow tapered off to occasional flurries by mid AM on the 12th.

16th - Record max temperature of 66 degrees.

Rich Giannola of Olney 1 S

11th-12th - -SN beginning at ~7:35 AM stopping in morning with partial sunshine. -SN began again at 10:30 AM. More moderate SN began ~2:30 PM ending at ~10 AM on the 12th. More -SHSN from 2:30-3:30 PM and after 4:30 PM brought a trace more.

Stan Rossen of Glenmont 1 NNE

11th-12th - 12.2", 8th biggest snowfall in 30 years.

Kevin Shaw of Gaithersburg 2 WNW

Other than the snowstorm of the 11th & 12th there was nothing else extraordinary about February 2006. Precipitation was 80% of normal. Dense fog the 22nd & 23rd.

Joe Terry of Forest Glen

4th - Evening cold front accompanied by brief but very heavy rain. Thunder at 1500.

12th - Heaviest snowfall from 0100-0600. Snowfall rates of 1 to 2 inches per hour. One long rumble of thunder @ 0145. Power out for seven hours starting 0200. Very eerie by 0300 as storm peaked with no lights in the neighborhood, heavy snow, and occasional white-out conditions (never seen true white-out conditions like this before).

Brian Smith of Oxon Hill

12th - Snow depth went from max 13" @ 0800 to 8" @ 2400. Roads mostly melted clear by 2400.

Floyd Abell of Hollywood

11th - Late AM and afternoon rain, evening snow.

John Zyla of Ridge

20th - Surprise snow started around 5 AM and by 7 AM the ground was covered with 0.4". It melted by afternoon.

Max Hutto of Smithsburg 1.5 SW

16th - Warmer in PM, sunny, breezy.

19th - Coldest since 12/14/05. Sunny, cold, breezy.

27th - Very cold AM, snow flurries, windy, mostly cloudy.

Greg Keefer of Hagerstown 1 E

17th - Mild high of 60 around 9 AM then strong cold front plowed through with high winds with gusts to 50+ mph several times. One powerful gust of 68 mph at 9:25 AM shock the house. Some siding blew off the house.

Jim Vaughn of Smithsburg 2 NE

3rd - 42° Record high min temperature for the date.

17th - 62 mph gust is the third highest for February.

Dave Leshner of Davis 3 SE WV

17th - 13" snow cover, max for the month.

Compiled by Gary Gallaher, MD/DE ACON Data Collector and Report Writer, from data received from dedicated observers. Without your observations each month this report will not be possible.

MARYLAND AND DELAWARE SNOWFALL TOTALS
NWS PUBLIC INFORMATION STATEMENTS.

REPORTED BY NWS STERLING
1:15 PM EST Sunday Feb 12, 2006

DISTRICT OF COLUMBIA

...DISTRICT OF COLUMBIA...
 CAPITOL HILL 8.8 1000 AM 2/12
 ANACOSTIA 8.0 1204 PM 2/12

MARYLAND

...ALLEGANY COUNTY...
 MOUNT SAVAGE 6.0 815 AM 2/12
 FROSTBURG 5.6 700 AM 2/12 CO-OP OBSERVER
 FROSTBURG 5.0 900 AM 2/12
 CUMBERLAND 3.5 700 AM 2/12 CO-OP OBSERVER

ANNE ARUNDEL COUNTY

JESSUP 14.0 950 AM 2/12
 ODENTON 13.0 900 AM 2/12
 BALTO/WASH INTL 11.2 655 AM 2/12 AIRPORT
 GLEN BURNIE 8.0 930 AM 2/12
 DAVIDSONVILLE 6.3 930 AM 2/12
 MAYO 5.0 930 AM 2/12

BALTIMORE COUNTY...

RANDALLSTOWN 22.0 900 AM 2/12
 OWINGS MILLS 20.0 800 AM 2/12 SPOTTER
 CATONSVILLE 17.5 830 AM 2/12 SPOTTER
 HUNT VALLEY 17.0 930 AM 2/12 MEDIA
 PIKESVILLE 17.0 1200 PM 2/12 SPOTTER
 JACKSONVILLE 16.0 830 AM 2/12 USDA METEOROLOGIST
 PERRY HALL 16.0 730 AM 2/12 NOAA EMPLOYEE
 TOWSON 16.0 900 AM 2/12
 BALTIMORE 15.0 1100 AM 2/12 SW
 PERRY HALL 15.0 800 AM 2/12 EMERGENCY MGT
 WHITEMARSH 14.0 1000 AM 2/12
 RANDALLSTOWN 13.0 930 AM 2/12
 TOWSON 13.0 830 AM 2/12 SPOTTER
 DUNDALK 12.0 900 AM 2/12
 LIBERTY RESERVOIR 11.0 830 AM 2/12 EMERGENCY MGR
 DUNDALK 10.5 930 AM 2/12 EAST DUNDALK
 REISTERSTOWN 10.0 830 AM 2/12
 MARTIN ST AIRPORT 10.0 1030 AM 2/12 AIRPORT
 PARKVILLE 9.0 900 AM 2/12 SPOTTER

CALVERT COUNTY...

NORTH BEACH 6.0 700 AM 2/12 CO-OP OBSERVER

CARROLL COUNTY...

MILLERS 16.4 700 AM 2/12
 WESTMINSTER 16.3 700 AM 2/12 SPOTTER
 WESTMINSTER 15.0 700 AM 2/12 CO-OP OBSERVER
 WESTMINSTER 15.0 800 AM 2/12 1N SPOTTER
 SYKESVILLE 14.0 930 AM 2/12
 HAMPSTEAD 13.0 730 AM 2/12
 WESTMINSTER 12.3 1051 AM 2/12
 SILVER RUN 12.3 1050 AM 2/12 SPOTTER

CHARLES COUNTY...

WALDORF 8.5 900 AM 2/12 NCEP EMPLOYEE

CITY OF BALTIMORE

BALTIMORE 15.0 930 AM 2/12 EAST BALTIMORE
 BALTIMORE 13.5 930 AM 2/12

FREDERICK COUNTY...

MOUNT AIRY 13.8 1000 AM 2/12 SPOTTER
 NEW MARKET 11.8 845 AM 2/12 2NW SPOTTER
 FREDERICK 10.5 700 AM 2/12 CO-OP 2NNE

HARFORD COUNTY...

BELCAMP 19.5 950 AM 2/12 SPOTTER
 STREET 18.5 700 AM 2/12 CO-OP OBSERVER
 FALLSTON 18.0 1000 AM 2/12 SPOTTER
 NORRISVILLE 18.0 830 AM 2/12
 BEL AIR 17.0 1040 AM 2/12
 EDGEWOOD 17.0 930 AM 2/12
 FALLSTON 17.0 700 AM 2/12 CO-OP OBSERVER
 WHITEFORD 16.5 730 AM 2/12
 BELCAMP 15.5 1000 AM 2/12

JOPPATOWNE 15.0 958 AM 2/12
 ABINGDON 14.0 900 AM 2/12
 ABINGDON 12.0 1000 AM 2/12

HOWARD COUNTY...

COLUMBIA HILLS 22.5 730 AM 2/12 NWS EMPLOYEE
 COLUMBIA 21.3 600 AM 2/12 NWS EMPLOYEE
 COLUMBIA 21.0 1100 AM 2/12 NWS NCEP EMPLOYEE
 NORTH LAUREL 15.0 700 AM 2/12 NOAA EMPLOYEE
 SAVAGE 14.3 900 AM 2/12 NOAA EMPLOYEE
 GLENELG 14.0 800 AM 2/12 SPOTTER

MONTGOMERY COUNTY...

NORBECK 17.3 1000 AM 2/12
 BROOKEVILLE 17.2 945 AM 2/12
 CLARKSBURG 16.0 715 AM 2/12
 DAMASCUS 15.0 700 AM 2/12 CO-OP
 GAITHERSBURG 14.3 930 AM 2/12 16-17" DRIFTING
 POTOMAC 14.0 1000 AM 2/12 SPOTTER
 GLEN ECHO 13.5 830 AM 2/12 NOAA EMPLOYEE
 MONTGOMERY VILLAGE 13.3 930 AM 2/12 SPOTTER
 COLESVILLE 13.1 648 AM 2/12 SPOTTER
 CLARKSBURG HEIGHTS 13.0 740 AM 2/12 MEDIA
 BETHESDA 12.0 900 AM 2/12
 BURTONSVILLE 12.0 820 AM 2/12
 MONTGOMERY VILLAGE 11.9 1200 PM 2/12 NWS METEOROLOGIST
 SILVER SPRING 11.0 700 AM 2/12 NWS EMPLOYEE
 SILVER SPRING 10.5 1050 AM 2/12 NWS METEOROLOGIST
 GLEN ECHO HEIGHTS 9.0 930 AM 2/12 SPOTTER
 GERMANTOWN 8.1 900 AM 2/12

PRINCE GEORGES COUNTY...

OXON HILL 13.2 800 AM 2/12 CO-OP OBSERVER
 LAUREL 11.8 900 AM 2/12 NCEP METEOROLOGIST
 BOWIE 8.7 940 AM 2/12 NWS EMPLOYEE
 ACCOKEEK 7.0 1000 AM 2/12

ST MARYS COUNTY...

HOLLYWOOD 7.0 1000 AM 2/12

WASHINGTON COUNTY...

HAGERSTOWN 13.0 900 AM 2/12
 SHARPSBURG 11.7 700 AM 2/12 CO-OP OBSERVER

REPORTED BY NWS MT HOLLY

5:23 PM EST Sunday Feb 12, 2006

DELAWARE

NEW CASTLE COUNTY...

HOCKESSIN 15.5 110 PM 2/12
 WILMINGTON AIRPORT 14.4 100 PM 2/12
 BEAR 14.4 100 PM 2/12
 NEWARK 14.0 1200 PM 2/12
 TALLEYVILLE 12.2 315 PM 2/12
 NORTH WILMINGTON 10.5 155 PM 2/12

KENT COUNTY...

DOVER 4.5 1200 PM 2/12

MARYLAND

CAROLINE COUNTY...

RIDGELY 8.0 1200 PM 2/12
 DENTON 7.0 1200 PM 2/12

CECIL COUNTY...

ELKTON 15.0 100 PM 2/12

KENT COUNTY...

TOLCHESTER 12.0 930 AM 2/12
 LITTLE CREEK 10.5 1225 PM 2/12
 CHESTERTOWN 6.0 930 AM 2/12

TALBOT COUNTY...

CORDOVA 7.5 1200 PM 2/12