

Report Gaithersburg Maryland for Wednesday, February 10, 2010

Thursday, February 11, 2010 at 4:39am

Round 2 of our winter weather blast this February 2010 has finally wound down. A tranquil start to the day, as a light mix fell part of the overnight, and then we had a brief dry period lasting the rest of the overnight. But snow broke out around sunrise (I was asleep) and really started to roar on rapidly strengthening NE to NW winds along with rapidly dropping pressures. Blizzard warnings were posted throughout the area, and blowing and drifting snow mixed in with the moderate to occasionally heavy snow to create a rather surreal picture. Travel was strongly discouraged, the interstate highways were dangerous with big areas of great exposure to the full force of the blizzard. I had off from work for a record third straight day (Work at NOAA, an agency of the U.S. Govt) and we are going to have off on Thursday also as the area struggles to get things back to normal. Measurement of the snow and determining the water equivalent of the snow is particularly difficult and really tough to get accurate due to the blowing and drifting nature of the conditions on Wednesday. Where your gauge is and where you measure may or may not be representative of your area's snowfall and liquid equivalent. Averages of several readings on snow depth is the best you can do. The storm finally wound down in the later stages of the evening, after the last band came through around 8 pm that gave one really last good blast, as my PWG for the day and the greatest periods of blowing and drifting snow that I observed was occurring. Tranquil sunny and seasonably cold conditions should allow the area to slowly recover from this incredible wintry blast over the next few days.

RS data for Wednesday: High temp 28.3° - Low temp 19.4° - Obs temp 27.7°

Snow on ground: 35"
February total monthly snow: 45.8"
New snow/sleet : 12.2" Storm total: 15.5"
Precipitation for Tuesday: 0.73"
2010 Year precipitation total: 5.50"
February month precipitation total: 3.53"

VP2 data as follows:

High temp 28.7° recorded at 0210
Low temp 19.8 ° recorded at 1214
Obs temp tonight 28.0°
Rel hum ranged from a max of 95% (0632) to a low of 83% (2324)
Dew point ranged from 27° to 17°.
Peak Wind Gust 26 MPH from the NW (1937)
Pressure ranged from 29.65"(0000) to 29.34"(1438)

At obs tonight the temp was 27.7° on the RS, temp of 28.0° on the VP2, 83% rel hum, cloudy, 24° dew point, pressure 29.61" and rising. Wind 4 MPH from the WNW.

Currently (4:38 AM EST) the temp is 28.2° on the VP2, 28.0° on the RS, rel hum 79%, dew pt 22°. Barometer rising at 29.71". Partly Cloudy.

Winds 10 MPH from the WNW.

Radar finally quiet. Temps warmed a bit after the snow quit, and have stayed steady around 28 most of the overnight so far.

The path to see my data:

<http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=KMDGAITH11>

Kevin the really snowy walrus of Gaithersburg Maryland signing off for the evening.