

Report from Gaithersburg MD for Friday, December 18, 2009

Somewhat sunny in the am, sun becoming more and more dim through the increasing high clouds late morning into the afternoon. Cloudy by evening, snow started to fall about 9:15 PM and developed quickly into a nice, steady, moderate snow before obs at midnight. Since then the snow has been moderately falling with occasional heavy periods, at a rate of about an inch an hour. Got a supplemental depth of new snow of 3.0 inches since midnight, so the 2 day storm total now is up to 4.1" as of 3:30 AM, with snow continuing to fall moderately. Snow is expected most all day Saturday, with snowfall totals of 15-25 inches expected by the time it winds down late Saturday into possibly some of Sunday. Stay tuned for updates on this incredible situation. I will be going to bed shortly, and resume reports sometime in the afternoon - I plan on sleeping through the morning hours. Interesting temp patterns- air temp 30.7° about 8:15 PM Fri before snow started, by 9:45 PM the temp had dropped to 27.7° after the snow started to fall and cool our air column. Dew pt temp was 15 at about 8:15 PM, dew pt rose to 23 soon after the snow commenced, around 10 PM.

RS data for Thursday - High temp 34.2°, low temp 21.7°, obs temp tonight 26.4°.
Lake Region rain gauge melted liquid equivalent total for snow through midnight: 0.11"
New snow total through midnight EST: 1.1"

VP2 data as follows:

No precipitation data available from the VP2

High temp 33.5° recorded at 1402

Low temp 20.9° recorded at 0703

Obs temp tonight 25.8°

Relative humidity ranged from a max of 92% (0651) to a low of 52% (1241)

Dew point ranged from 23° to 15°.

Peak Wind Gust 11 MPH from the E (2013)

Pressure ranged from 30.30"(0159) to 29.95"(2359)

At obs tonight the temp was 26.4° on the RS, temp of 25.8° on the VP2, 90% rel hum, Cloudy with moderate snow falling, 23° dew point, pressure 29.95" and falling, winds 2 MPH from the NE.

Currently (4:57 AM EST) the temp is 25.5° on the VP2, 25.7° on the RS, rel hum 93%, dew pt 24°. Barometer falling at 29.78". Moderate snow. Winds are from the NE at 3 MPH. Temperatures should stay around 25° the rest of the night. Snow will continue throughout the morning and afternoon. Falling right now at a rate of about an inch an hour.

Kevin the very definitely snowywalrus of Gaithersburg Maryland signing off for the evening.