ATMS 113 – Opportunities to Earn Extra Credit Points on the Final Exam – Fall 2014

It is possible to earn 10 extra credit points that count toward the Final Exam in ATMS 113 by participating in **one** of three options:

**OPTION#1**

 Create a music video to go along with the “Water Cycle Boogie” song performed by the Banana Slug String Band. Assume that the video will be viewed on TV/the web and that the video will need to last for the duration of the song.

**OPTION#2**

 Find ***five*** songs having lyrics that describe a non-sunny aspect of the weather (e.g. clouds, rain, wind, snow, fog, thunder, lightning, etc.) Lyrics related to the sun or sunshine ***do not*** count toward the list of five songs. In order to receive full credit, the list must contain the [a] lyrics containing the non-sunny weather description, [b] song title, and [c] song writer and/or performer. The information contained in the list must be found by anyone doing a web search on the internets.

**-OR-**

**OPTION#3**

 Record and plot the observed maximum temperatures (in oF) at the Asheville Airport over ***seven*** ***consecutive*** days and hand in the plot to Professor Miller in order to receive your credit for the 10 extra credit points. The plot should be organized so that the day is plotted along the x-axis and the observed maximum temperature is plotted on the y-axis. You may use Microsoft Excel to create the plot, or you can create a handwritten plot using graph paper. **Handwritten plots put on paper other than graph paper will not be accepted!**

You can monitor the observed maximum temperatures at the Asheville Airport by going here:

<http://www.erh.noaa.gov/data/obhistory/KAVL.html>

and look under the “6 hour Max.” column for the highest recorded temperature for each of the seven consecutive days. Be careful, this listing covers only two days, so you’ll need to check the maximum every day of your seven day period.

Extra credit projects are *due at the beginning of the Final Exam period for ATMS 113.* Projects handed in after the Final Exam period **will not** be accepted for extra credit points.