ATMO 579: Boundary Layer Meteorology and Surface Processes Project-Grading Scheme

The project is worth 25% of your grade (75% of this is based on the paper grade, 25% is based on the oral presentation grade). It consists of a written report and a 10-minute oral presentation of your report that will take place during the last two class periods.

Paper (75% total project grade)
    Meets Requirements (30 points):
- papers must be typed, double-spaced, and pages must be numbered
- papers must be representative of the quality of research notes in our field
    - correct spelling, grammar, complete sentences
    - appropriate section headings and appropriate detail/length of each section
    - citations used appropriately
- length: 8-10 pages

The following will differ depending on whether the paper is a data analysis or literature review (70 points):
- data analysis
    - brief background information on the subject
    - what are you analyzing?
    - why is this important?
    - what methods or techniques are you using to analyze the data?
    - what are your results?
    - how do these results fit in with the general field? (relevance)
- literature review
    - what is the subject area (field)?
    - what is the current knowledge of this particular field?
    - what is/are the biggest unknowns or questions being researched/possibly debated right now?
    - are there different schools of thought in theory, or different measurement or simulation techniques being used? combinations of both?
    - where is this field going in the future?

Oral Presentations (25% of total project grade):
- ✓ clear definition of problem/question
- ✓ clear discussion of what you found (results of data analysis or literature review)
- ✓ figures/graphics appropriate to illustrate points
- ✓ clearly described what is known/still unknown/currently being researched