

ATM 350 Final Project

For the final project, you will give a short (approx. 7 minutes) presentation, using PowerPoint.

Your presentation should *tell a story* about the case you've chosen. You should include:

- Title slide
- Slide that presents information about your case
 - What happened?
 - When did it occur?
 - Brief outline of what you will show in the following slides

In any order of your choosing that best “tells the story” of your case (or an aspect of your case), you must have at least one each of:

- Surface map
- Radar image or loop
- Sounding
- Meteogram
- Two gridded data plots (from reanalysis data) with at least two scalar variables on each plot (e.g., geopotential height and temperature advection)

You must also include one of these products *in sequence* other than radar, showing how conditions may have changed throughout the event. Two examples are:

- A 12Z sounding and a 00Z sounding
- A 15Z, 18Z, and 21Z surface map

You will be graded on:

- Readability of figures (colors, contour intervals, map projection, latitude/longitude extent, informative title/legend, etc.)
- Organization of slides
- How successfully your presentation describes the event, and what caused it to occur