

UNDERSTANDING AND FORECASTING WEATHER

ATMO 325

Extra Credit Project

This is an extra credit opportunity for all students and will in no way harm your grade.

The project described below must be turned in no later than April 10, 2007. No exceptions to this deadline will be made. You can earn between 0-5% points, which will be added to your final grade at the end of the semester depending upon how well your project is prepared.

Topic Any interesting **weather** event from the last 3-6 years like a hurricane, tornado outbreak, drought, heat wave, blizzard, flash flood, etc. (NOTE: volcanoes, tsunamis, earthquakes, etc. are **NOT** weather events).

Scope Your report **must** include the following:

- A general description of the event
- Effects on people, infrastructure, etc.
- Various weather maps and imagery to help describe the weather conditions.

Format

- Approximately 2-4 pages long (**NOT** including figures, graphs and pictures)
- Bibliography in a standard (e.g., MLA) format
- Footnotes, endnotes, or parenthetical references should be used to cite your sources
- Plagiarism will **NOT** be tolerated, as it is a violation of the University Academic Integrity

Misc.

- You **must** provide references as to where you found a description of the event
- You **must** check with the TAs to ensure that you have a valid topic
- Wikipedia is **NOT** source of reference. It is a only starting point to find references.

Websites

Daily Weather Maps

<http://www.hpc.ncep.noaa.gov/dailywxmap/>

National Hurricane Center

<http://www.nhc.noaa.gov/>

Storm Prediction Center (severe weather, tornadoes, etc.)

<http://www.spc.noaa.gov/>

Climate

<http://www.cdc.noaa.gov/>

<http://www.cpc.noaa.gov/>