

Meteorology 3000 Term Paper

Term paper:

Due: 11 April 2005

Length: 2800-5600 words (equivalent to 5-10 single-spaced pages) including list of references, but not including figures and tables.

The document should be double-spaced so I will have space to write in comments between lines. It should have a cover page and the pages should be numbered so I can get it back in order if I disassemble it.

The paper should be carefully referenced, with enough information in the figure and table captions and list of references so that it would be possible to track down the web page URLs, other reference materials, and sources of figures.

The paper will be graded for

- 1) content,
- 2) organization, and
- 3) exposition (grammar, spelling, etc.).

If the paper deals with a mountain meteorology phenomenon, the goal of the paper should be to provide a lucid explanation of the phenomenon that would be understandable to a Meteorology 3000-level classmate. The physics of the phenomenon should be explained, along with a description of its occurrence in space and time and its significance. Then answer any key questions that an alert and interested reader (or viewer of your presentation) would be likely to ask, including its occurrence with or relationship to other mountain meteorology phenomena.

Presentation: Each student will give a 5-min oral presentation of his/her term paper in class on one of the following dates: April 18, 20, 22, 23, 25 and 27. The presentation will be strictly limited to the time allotted, as we are short of class time. A signup sheet will be circulated before the presentations begin.

The student can use my computer for a Powerpoint presentation by submitting the file to me by e-mail before class. Alternatively, you can bring your own computer with your presentation on-board, you can use an internet link that is available in the classroom, you can use the classroom overhead projector, or you can distribute your talk materials to the students as a handout.

Each student will attend all presentations and will submit at the end of each day one question per presentation formulated for possible use in the final examination.

-Dave Whiteman, 04/04/05