

Expectations for Credit

Introduction to Scientific Observation: Fall '09 Meteorology

1. Maintain a daily weather journal (see detailed description of what is expected.) Miss no more than ten entries in the observing period. Have this journal with you for every class. *Evaluation of the journal will be based on neatness, completeness, and thoughtfulness of the entries.*
2. Participate in classroom discussions based on the journals. *Evaluation will be based on frequency and quality of participation.*
3. Be able to identify cloud types in the sky and from pictures and prove your knowledge. *Evaluation will be based on a quiz.*
4. Complete a time-series graph of your observations for one month. *Evaluation of the graph will be based on neatness, accuracy, and completeness*
5. Compile a set of correlations based on your time series graph. *Evaluation of the correlations will be based on neatness, thoughtfulness, and correctness.*
6. Working in a small team, present two daily map analyses in front of your classmates. *Evaluation of the discussion will be based on poise, organization, understanding of the maps, and thoughtfulness of discussion.*
7. Complete one independent weather topic study project that will consist of a five-minute presentation to the class and a one-page written outline of your presentation. To prepare for this presentation, submit a detailed outline and note cards, and practice once in front of me before *the class presentation. Expect to make revisions and present a second time. Evaluation will be based on poise, command of subject, quality of visual aids, and organization.*
8. Understand how to read surface and 500 mb weather maps. *Evaluation will consist of 1: questions based on a series of maps in a quiz format and 2: a map discussion and forecast given orally. Students are expected to have mastery of this skill. Students who do not demonstrate mastery of the skill will be reevaluated until mastery is demonstrated.*
9. Complete all reading assignments and make reading notes or answer reading questions. *Evaluation will be based on neatness and thoroughness of notes.*
10. Score an 80% or higher on the open notes final assessment. Students will be required revise any assessment with a lower score.