Agronomy 505  
Spring 2011  
Problem Set 8  
Due Tuesday, March 22, 2011.

Assigned March 11, 2011.

1. Mid–term course evaluation. Comment on the following.
   (a) Assignments: difficulty, appropriateness, whether or not they are clearly defined.
   (b) Lectures: pace, content, presentation (is writing legible, etc.).
   (c) Mid–term exam: difficulty, length, appropriateness of topics.
   (d) Professor: availability, is he approachable, authoritative on subject material.
   (e) Webpage: organization, information, functionality of links.
   (f) Project: has it been clearly defined, appropriateness.
   (g) MATLAB: introduction, usefulness, support from instructor.
   (h) What do I do particularly well?
   (i) In what area or areas do I need to improve?

If there is anything else you would like to comment on, please do. I will use this information to improve the second half of the course. Please send this information in an email (either in the body of the email, or as a .txt, .rtf, or .doc attachment) to Melissa Stolt, mstolt@iastate.edu. She will note your submission and compile all the responses in one document. I will only see the final compilation, so that your answers will be anonymous. Full credit given as long as each question is answered.

2. Conduct a simple experiment with an infrared thermometer. Report the experiment with a figure of data and a short written description. Look on the course webpage for some examples. In addition, report the temperature of the clear sky and a cloud on the same partly-cloudy day.

3. Project update. Include the following:
   (a) a one– to two–paragraph summary of your progress to date;
   (b) a timeline for the balance of the semester, illustrating how you will successfully complete the project by the due date;
   (c) at least one figure of either data or results.