G&G 322a/522a  Introduction to Meteorology and Climatology
TTh 9:00-10:15, KGL 119

Instructor: Steven Sherwood
Office: KGL111
e-mail: Steven.Sherwood@yale.edu
Phone: 2-3167

Course home page:  http://www.geology.yale.edu/~sherwood/GG322a.html
Course office hour: TBD

Main textbook:


Optional additional reading:

Ahrens, C. D., *Meteorology Today* (hardback, more detail), any recent edition, or
*Essentials of Meteorology* (softcover, less detail), any recent edition.


Prerequisites: Students will benefit from having some previous study of the atmosphere
(e.e., G&G201a) although this is not required. Calculus (multivariate) and physics
(mechanics) will be used fairly extensively, though at a basic level. Previous exposure to
thermodynamics or fluid mechanics will be helpful, though not required.

Course assignments:

Weekly assignments. Three of these will include take-home experiments with brief
write-ups; the rest will be regular problem sets. Assignments will be handed out
each Tuesday and will cover material that week, due the following Tuesday.

Midterm exams     Thursday Oct. 7 and Thursday Nov. 4, in class.

Final exam        Thursday Dec. 16, 2:00 PM

Grading:

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<tr>
<th>Assignment Type</th>
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<tr>
<td>Weekly problem sets</td>
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<td>Midterms</td>
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