Admin:
Schedule

Equipment rental options
1) Mikes Camera
 http://www.mikescamera.com/camera-video-rental.html

2) Pro Photo Rental
http://prophotorental.com

The company is based in Boulder off Walnut. The rates are a little step at $60/day for a Canon EOS 1D Mk IV body for a minimum of four days, with price decreasing with a longer rental period. However they have a nice selection of lens, camera bodies, and accessories. They carry Canon, Nikon, and Olympus.
They are located downtown at 1401 Walnut St. Its hard to find the actual office, but they are in the basement. When you get off the elevator, its all the way to the left at the end.

They said that instead of making reservations online, rather we should call them to reserve equipment because they do special two-day rentals for locals. This is their number:
(303) 588-6799
If you pickup on Friday afternoon and return it Monday morning before noon it will count as a two day rental. Also, they give a 15% discount for students.

CLOUDS

Learning Objectives:
1. Be able to identify cloud types
2. Describe air motion and atmospheric stability that govern the appearance of basic cloud types.
3. Interpret weather data with respect to likely clouds, including Skew-T plots and wind soundings.

 Best clouds physics book, easy read:
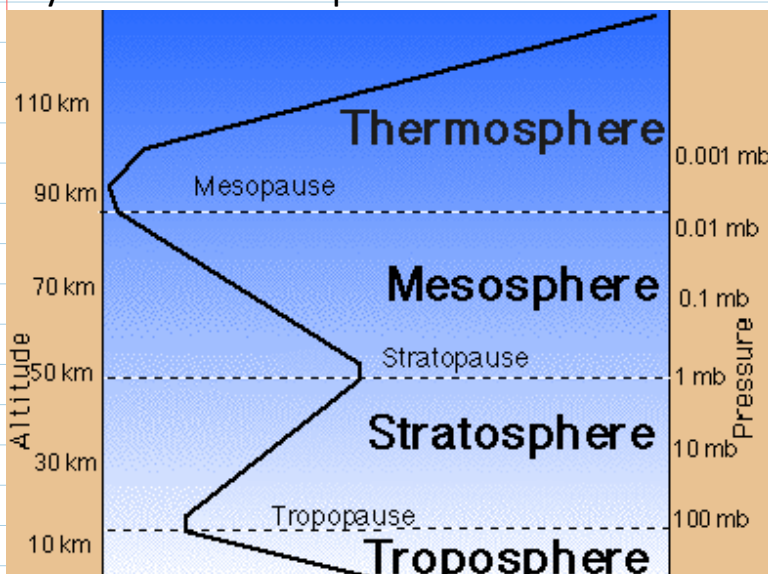   Gavin Pretor-Pinney, *The Cloudspotter's Guide* (Perigee/Penguin, 2006).
Next, (for free)
    Thomas Carney et al., *AC 00-57 Hazardous Mountain Winds and Their Visual Indicators* (Federal Aviation Administration, 1997), http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/780437D88CBDAFD086256A94006FD5B8?OpenDocument.
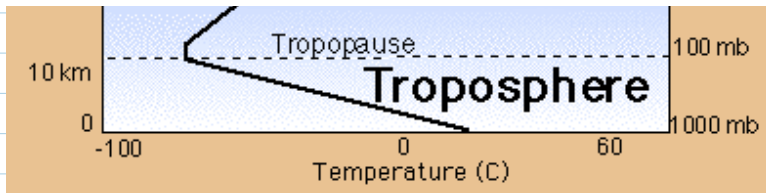
Following info partially adapted from Mike Baker, local NOAA Weather Service forecaster.

Layers of the atmosphere:

http://www.aerospaceweb.org/question/atmosphere/atmosphere/layers.gif

All weather happens in troposphere

All weather happens in troposphere.
Driven by what happens at 500 mb level.