

University of Wyoming, Department of Atmospheric Science
ATSC 5010 Physical Meteorology I
(Thermodynamics and Radiative Properties of the Atmosphere)
Fall 2017, Lab Schedule

Schedule and Lab Topics (*subject to Change*)

- September 5 Introduction to IDL (Lab 1)
- September 12 Numerical Integration; Height/Pressure Relationship (Lab 2)
- September 19 Adiabatic Processes (Lab 3)
- September 26 Moisture, Saturation Vapor Pressure (Lab 4)
- October 3 NO CLASS
- October 10 Thermodynamic Diagrams, Moisture (Lab 5)
- October 17 Pseudo-Adiabatic Processes (Lab 6)
- October 24 Buoyancy, Stability (Lab 7)
- October 31 SkewT-LogP Diagram (Lab 8)
- November 7 SkewT-LogP Diagram (Lab 8 continued)
- November 14 Thermal Emission (Lab 9)
- November 21 Atmospheric Transmission (Lab 10)
- November 28 Atmospheric Transmission (Lab 10 continued)
- December 5 Particle Scattering (Lab 11)