



Natural Environments: The Atmosphere
GE 101 – Spring 2007
Boston University

Chapter 06 Assignment

FOCUS ON

- ⇒ Three States of Water
- ⇒ The Hydrosphere and the Hydrologic Cycle
- ⇒ Working It Out 6.1: Energy and Latent Heat
- ⇒ Humidity
 - Specific Humidity
 - Relative Humidity
- ⇒ Focus on Systems 6.2: The Global Water Balance as a Matter Flow System
- ⇒ The Adiabatic Process – **All!**
- ⇒ Working It Out 6.3: The Lifting Condensation Level
- ⇒ *Skim* Clouds
- ⇒ Precipitation
 - Precipitation Processes
 - Orographic Precipitation
 - Convective Precipitation
 - Thunderstorms
 - *Skim* Microbursts
- ⇒ Focus on Systems 6.5: The Thunderstorm as a Flow System
- ⇒ Eye on the Environment: Air Pollution
 - Smog and Haze
 - *Skim* Fallout and Washout
 - Inversion and Smog
 - *Skim* Climatic Effects of Urban Air Pollution
 - *Skim* Acid Deposition
 - *Skim* Air Pollution Control

PRACTICE QUESTIONS:

- Review Questions: #1, 3, 4, 5, 6, **7**, 11, 12, 13
- Focus on Systems 6.2: #1, 2
- Eye on the Environment 6.6: #1
- Visualizing Exercises: #2

