

Chapter 4 Review

1. Be able to tell the difference between weather and climate.
2. What affects climate?
3. Differentiate the layers of the atmosphere and characteristics of each.
4. Explain how the Earth is heated unequally and what that causes.
5. Interpret water capacity in air; be able to read a saturation curve.
6. Explain and apply adiabatic heating and cooling.
7. What causes seasons?
8. Explain what drives global currents, effects of global currents, and ways that humans are or could impact.
9. Understand phenomena of El Nino Southern Oscillation and its effects.
10. Explain phenomena of rain shadows and effects.
11. Be able to read biome graphs
12. How are biomes classified?
13. Describe the characteristics of key biomes – both terrestrial and aquatic
14. Understand the different zones of freshwater and marine environments.