

Chapter 7.1 Questions

1. What is the difference between weather and climate?
2. What are the four factors that affect climate (make sure you know what they mean)?
3. How does climate affect society? (Four good points)
4. How is it that different regions of the Earth receive different amounts of solar radiation (fig 7.6)?
5. What is the difference between solar radiation and thermal energy?
6. Describe the four spheres of earth.
7. Determine the main gas components of the Earth's atmosphere, why don't we include water vapour?
8. Summarize the four layers of the atmosphere.
9. How does the lithosphere affect climate?
10. How are biomes and climate related?
11. What are the benefits of dividing Earth into biomes?

Constructing a Climatograph (LAB ACTIVITY – DUE in 1 WEEK)

1. On page 270 read how to create a climatograph
2. Complete the activity "Toronto, Then and Now"
3. Complete questions #7, #8, #10, #11, #12