

LAPTOP QUESTIONS

Six factors Affecting Climate in any given location.

1. Which tend to have more stable temperatures (less change from day to night and season to season), large bodies of water or land masses. Explain!
2. Why does Piedmont not get as hot or cold as Walnut Creek? Include in your discussion: proximity to oceans, ocean breezes and topography (hills).
For the next three problems make one diagram neatly with labels and refer to you in your answers for 3,4 and 5.
3. What is Orographic Lift?
4. What is the Orographic Effect?
5. What is a rain shadow?
6. Why does Piedmont get more rain than Walnut Creek and why does California get more rain than Nevada?
7. Refer to other maps and lectures to answer this question. Make a list of which of the following shorelines tend to have warm currents and which tend to have cold currents. Explain the difference.
8. Prevailing Winds: Why does the East Coast of the United States warm up more in the summer and cool off more in the winter than California?
9. What is a monsoon? (the Midwest and the Rocky Mountains have a summer monsoon season as do India and Africa)

