Name: _____

Chapter 10 Progress Questions

1. (Concept) (Graphical) (Physical) (Numerical)

2. (exact in the mathematical formulas) (too big to represent correctly)
   (too small to calculate precisely)

3. (coupling) (transference) (osmosis)

4. (half-life) (atmospheric lifetime) (recycling interval)

5. (immediately decline) (remain steady) (increase through the century)

6. (0.5 – 1.5) (2.1 – 4.7) (5.5 – 10.2) °C

7. (climate extreme) (tipping point) (anomaly) (disaster)

8. (number of events) (intensity of events) (both of these)

9. (Southwest) (Northwest) (central) (Southeast) (Northeast)

10. (wind damage) (storm surge) (heavy rainfall) (accompanying tornadoes)

11. (Atlantic Multidecadal Oscillation) (Walker Circulation) (ENSO cycle)

12. (more weak but fewer strong) (more strong but fewer weak)
    (both more weak and strong) (both fewer weak and strong)

13. (fewer) (no change in) (more)

14. (unstable) (stable)

15. (ocean acidification) (West Antarctic ice sheet instability)
    (Amazon rainforest disappearance) (Arctic sea-ice loss) (Atlantic deep water formation)

16. Challenges or surprises that I experienced or questions that came up during my study of this week's science content:

17. Strategies that I anticipate using to assist fellow teachers to gain mastery of the scientific understandings presented this week:

Weekly News Concept Questions

1.

2.