**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geology-Chapter 20 & 21 Homework**

1. **What is weather?**
2. **What is an air mass?**
3. **How are air masses classified?**
4. **How does the Continental Polar Air mass affect weather in North America?**
5. **How does the Maritime Tropical Air mass affect the weather in North America?**
6. **How does the Maritime Polar Air mass affect the weather in North America?**
7. **How does the Continental Tropical Air mass affect the weather in North America?**
8. **What is a front?**
9. **What is the difference between a warm and cold front?**
10. **What is a stationary front?**
11. **What is an occluded front?**
12. **What are middle-latitude cyclones and how do they travel?**
13. **What is the role of airflow up high in the atmosphere with reference to cyclones?**
14. **What is a thunderstorm? How do they develop?**
15. **What is a tornado? How do they develop?**
16. **What is a mesocyclone?**
17. **How are tornadoes measured? Which is the most intense? Least intense?**
18. **What is the difference between a tornado warning and tornado watch?**
19. **What is a hurricane?**
20. **When and where do most hurricanes occur?**
21. **How do hurricanes develop?**
22. **How are hurricanes measured? Which is the most intense? Least intense?**
23. **What is climate?**
24. **How does latitude affect climate?**
25. **How does elevation affect climate?**
26. **How do mountains affect climate?**
27. **What natural processes change earth’s climate? How?**
28. **What is the difference between global warming and the greenhouse effect?**