

Weather Unit Test Review Sheet

1.) What is the most abundant gas in the air? _____

2.) What contributes to almost half of the air pollution from human activities?

3.) What are the 3 properties of air? _____

4.) No matter how high you go, the percentage of oxygen will

5.) Define:

a.) air pressure:

b.) aneroid barometer:

c.) barometer:

6.) Why doesn't air pressure crush objects such as your desk?

7.) What layer does rain, snow, storms and most clouds occur? _____

8.) What are the 4 main layers of the atmosphere?

9.) Name any 3 types of precipitation

- ★ _____
- ★ _____
- ★ _____

10.) What is a long period of low precipitation called? _____

11.) What is needed for precipitation to occur?

12.) Give an example of condensation:

13.) Give an example of evaporation:

14.) Draw an example of a cirrus cloud



16. Draw an example of a cumulonimbus cloud



15. Draw an example of a cumulus cloud



18. Draw an example of stratus clouds



16.) What is a dew point?

17.) Name the 5 types of clouds:

- ★ _____
- ★ _____
- ★ _____
- ★ _____
- ★ _____

18.) The way Earth's rotation makes winds curve is called: _____

19.) What are the 3 ways that heat can be transferred?

20.) What type of light causes sunburns? _____

21.) Define the greenhouse effect:

22.) Name what each type of wavelength is:

a.) Ultraviolet light: _____

b.) Infrared radiation: _____

c.) Visible light: _____

23.) At what temperature does water on the CELSIUS scale boil and freeze?

24.) Define convection:

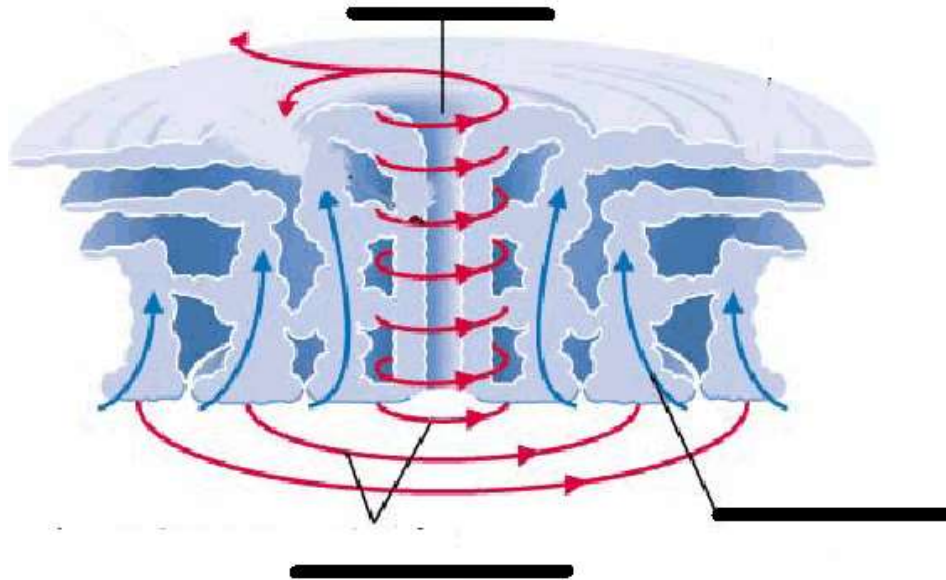
25.) Define conduction:

26.) What is a huge body of air that has similar air temperature, humidity, and air pressure throughout? _____

27.) What type of temperature is needed for a Continental Polar air mass to form?

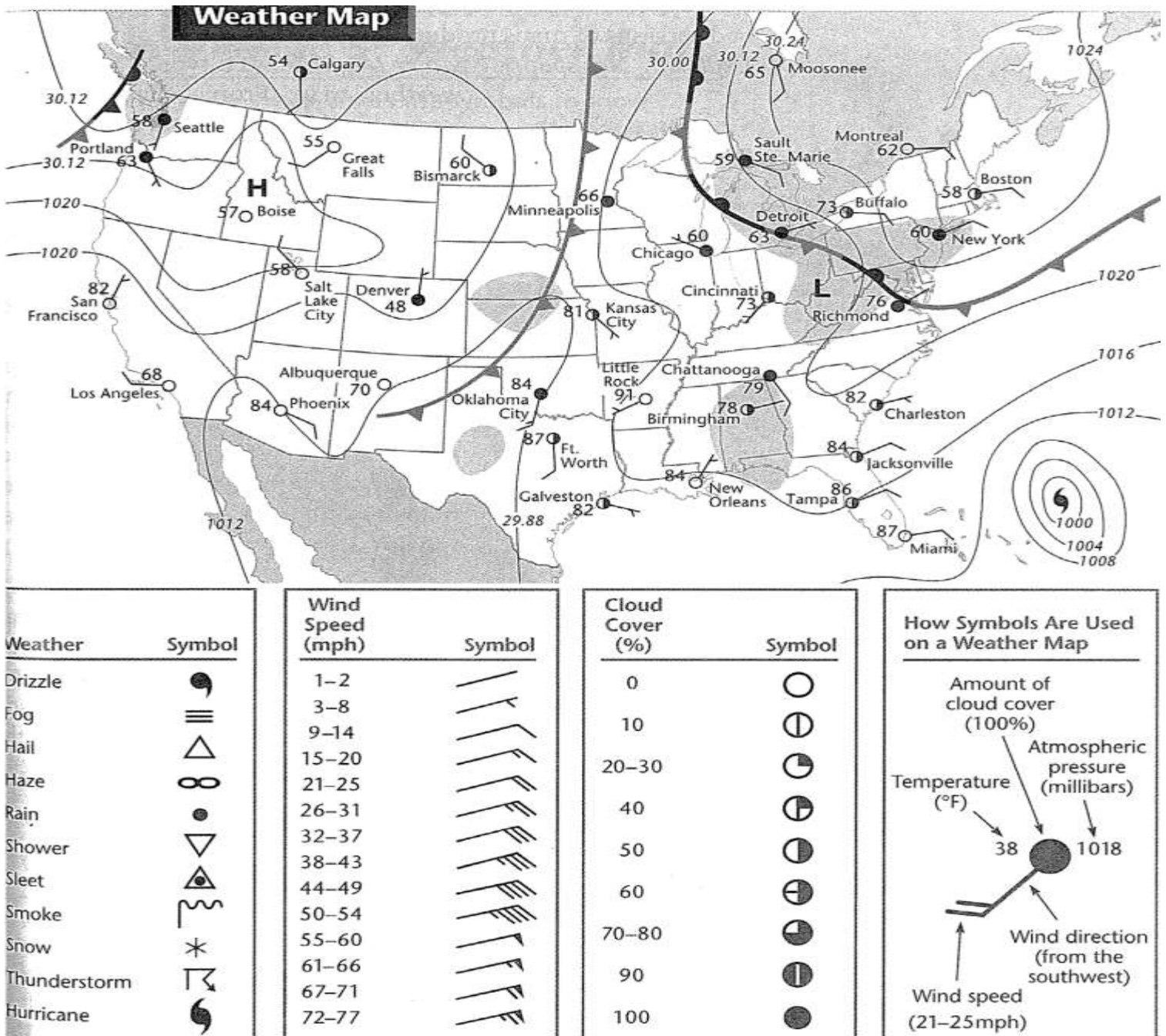
28.) Where do Maritime Tropical air masses form? _____

29.) Label the hurricane below using the terms: **Warm moist air**, **eye**, and **wind direction**



30.) Why does a hurricane lose strength once it passes over land?

31.)



Weather Factor	Phoenix	New York	Fort Worth
Temperature (°F)			
Cloud Cover			
Wind Direction			
Wind Speed (mph)			