

## ES 11 - Humidity and Precipitation Notes

1) Water is in the atmosphere in:

\_\_\_\_\_

- Condensation is \_\_\_\_\_
- Evaporation is \_\_\_\_\_

2) Draw the portion of the hydrologic cycle that we examine in this unit.

3) What is humidity? \_\_\_\_\_

Specific Humidity is \_\_\_\_\_

Relative Humidity is \_\_\_\_\_

4) When the air is saturated (100% humidity), it means: \_\_\_\_\_

- When the air is saturated, what happens? \_\_\_\_\_

5) Fog is a cloud \_\_\_\_\_

6) Dew is \_\_\_\_\_

7) The Dew point is the \_\_\_\_\_

8) Frost occurs when \_\_\_\_\_

9) The two ways that air cools are:

a) \_\_\_\_\_

b) \_\_\_\_\_

10) The main types of clouds:

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

11) Naming clouds:

Height prefixes:

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

Air movement:

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

Practice:

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_

d) \_\_\_\_\_

e) \_\_\_\_\_