

Air Masses and Fronts
Section 3 - 1 Study Guide

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1. What is an air mass? _____

2. Scientists classify air masses according to _____ and _____.

3. Complete the compare/contrast table that shows the types of air masses and their characteristics.

Type or Air Mass	Characteristics
a.	Warm and humid
b.	Cool and humid
c.	Warm and dry
d.	Cool and dry

4. How are maritime tropical (mT) and maritime (mP) polar air masses alike, and how are they different? _____

5. In the continental United States, major wind belts generally push air masses from _____ to _____.

6. A huge body of air that has similar temperature, humidity, and air pressure at a given height is called a(n) _____.

7. _____ air masses form in the tropics and have low pressure.

8. Air masses that form over oceans are called _____ air masses.

9. _____ air masses form north of 50° north latitude and south of 50° south latitude.

10. The area where air masses meet and do not mix becomes a(n) _____