

SECTION**3****Reinforcement****Air Masses and Fronts**

Directions: Select the term from Column II that matches the weather conditions described in Column I.

Column I

- _____ 1. a warm air mass advancing under a cold air mass
- _____ 2. a cold air mass advancing under a warm air mass
- _____ 3. sinking air, dry weather, few clouds
- _____ 4. sound produced due to rapid expansion and contraction of heated air
- _____ 5. a storm that can last weeks and has winds of at least 120 km/h
- _____ 6. a large body of air that develops over a particular region
- _____ 7. a fast-moving cold front overtakes a slower warmer front
- _____ 8. air uplifts rapidly, causing electrical charges to form
- _____ 9. rising air that cools, forming clouds and precipitation
- _____ 10. funnel clouds that last about 15 minutes
- _____ 11. lightning and thunder
- _____ 12. a warm air mass and cold air mass meet but neither advances

Column II

- a. cold front
- b. warm front
- c. stationary front
- d. air mass
- e. high pressure
- f. low pressure
- g. thunderstorms
- h. tornadoes
- i. hurricane
- j. occluded front
- k. thunder
- l. lightning

Directions: Answer the following questions on the lines provided.

13. What instruments are used for monitoring weather?

14. In what types of weather should you be cautious?

15. How does the National Weather Service alert the public to dangerous weather?
