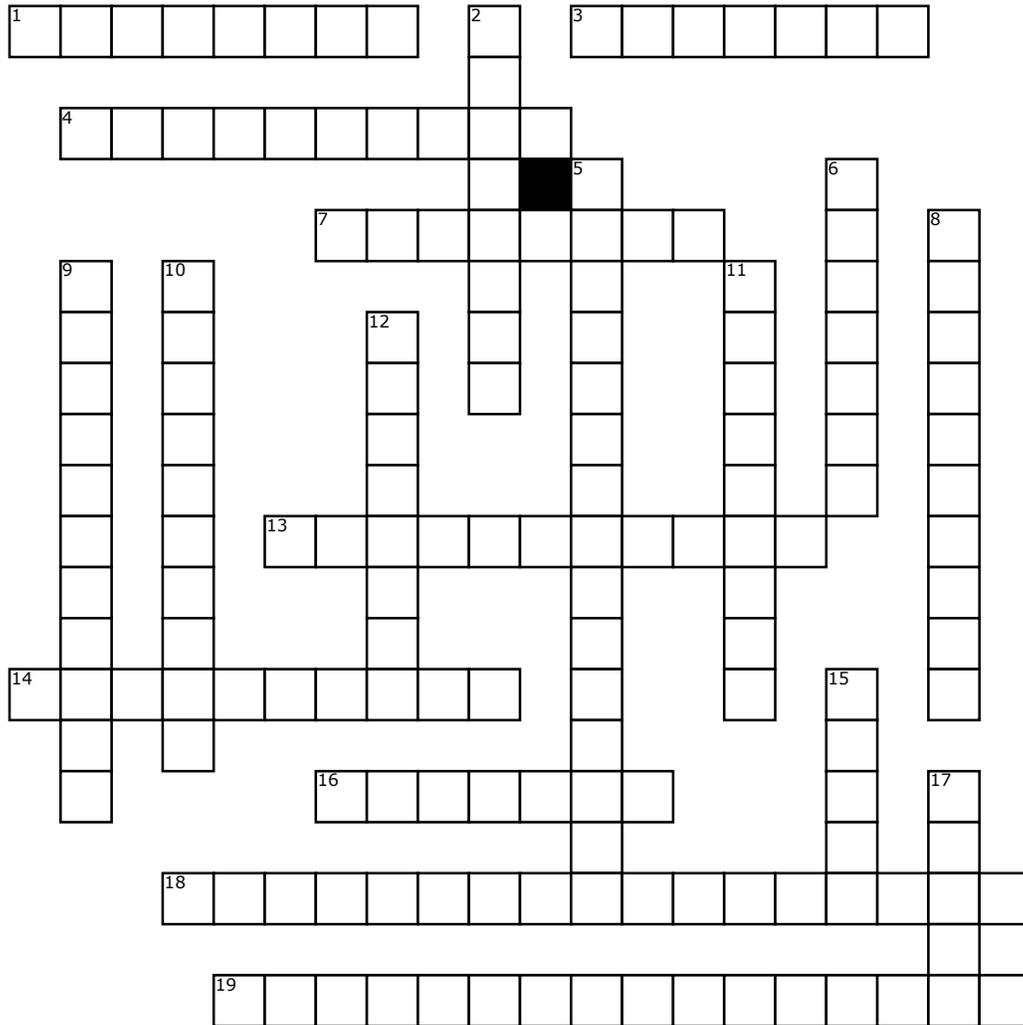


# Chapter 15-18



**Across**

- 1. The force pushing on an area or surface
- 3. A swirling center of low air pressure
- 4. the direct transfer of heat from one substance to another by touching.
- 7. Air masses form over oceans.
- 13. High Pressure centers of dry air
- 14. the envelope of gasses that surround the plant.
- 16. the amount of mass given volume of air is its

18. has wavelengths that re longer than a red light.

19. consists of a glass tube opean at the bottom end and partially filled with mercury

**Down**

- 2. Warm masses form in the topics an have low air pressure.
- 5. The increased cooling a wind
- 6. the condition of earths atmosphere at a particular time and place.
- 8. Transfer of heat by the movement of a fluid

9. A thin glass tube with a bulb on one end that contains a liquid usally mercury

10. is water in the form of a gas

11. A lake breeze is a local wind that blows from an ocean or lake

12. distance from the equator , measured in degress.

15. The air boundary where the air masses meet becomes a

17. a form of oxygen that has three oxygen atoms in each molecule instead of two

**Word Bank**

- |                   |             |                   |                    |
|-------------------|-------------|-------------------|--------------------|
| Anticylones       | Atmosphere  | Maritime          | Density            |
| Wind-chill Factor | Thermometer | Weather           | convection         |
| Conduction        | Latitude    | Mercury barometer | infrared radiation |
| Ozone             | pressure    | Tropical          | Front              |
| Sea breeze        | Cyclone     | Water vapor       |                    |