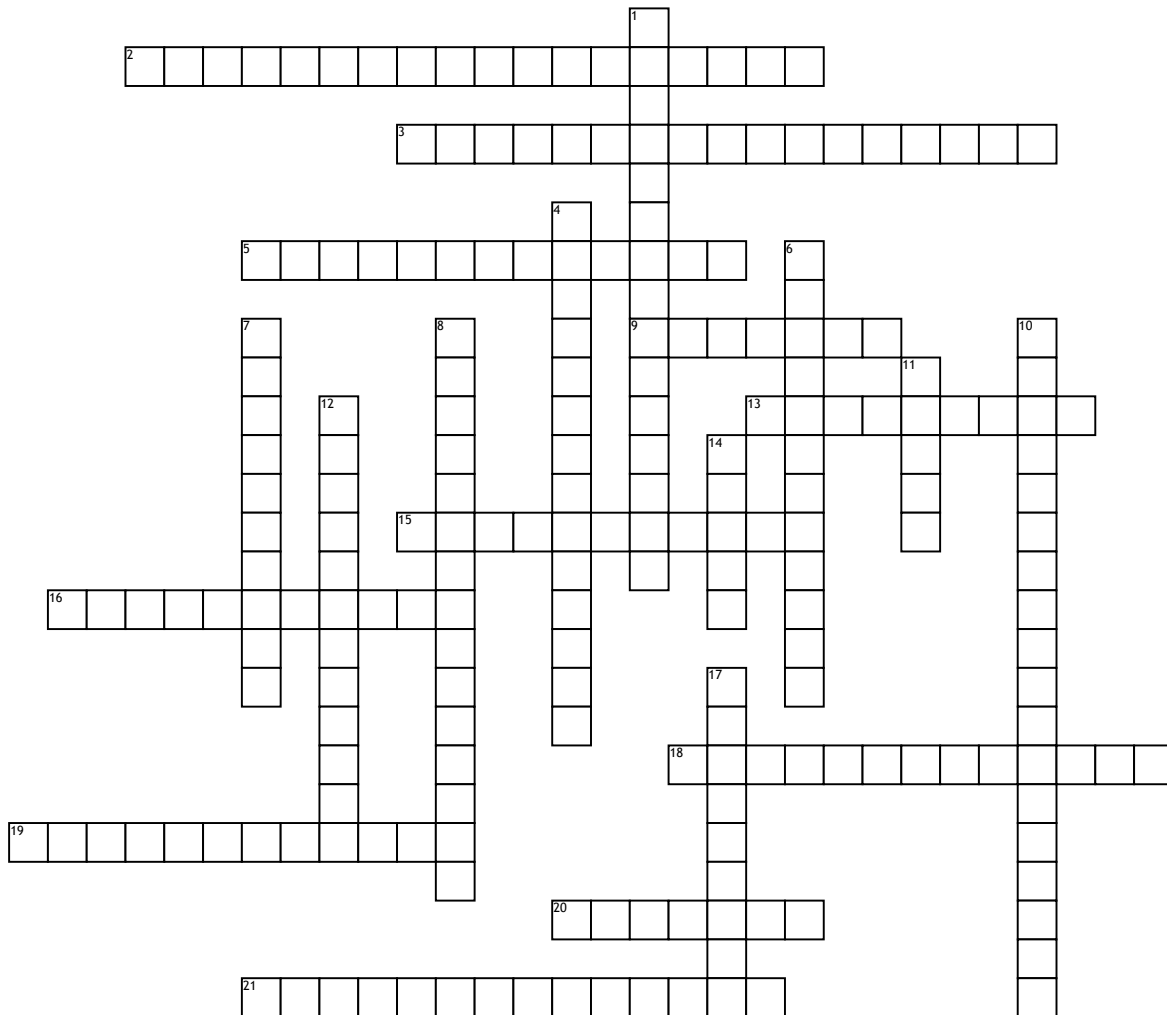


Ch. 20: Storms and Weather Prediction



Across

2. A low humidity air mass that originates over land
 3. The upward movement of air masses as they flow over mountains
 5. A frigid air mass that originates over the poles
 9. A huge body of air in the troposphere with similar temperature and humidity throughout
 13. An atmospheric electrical discharge that occurs either between clouds or between a cloud and the ground
 15. A storm that brings heavy snow or sleet, high winds, and/or unusually cold weather
 16. The lifting of air when horizontal air currents from opposite direction collide and rise into the atmosphere

18. A strong cyclonic storm with high winds of at least 39 mi/h
 19. A cool or cold air mass that originates over upper latitudes
 20. A destructive rotating windstorm forming a tunnel
 21. The center of a hurricane containing calm, clear rising air

Down

1. A warm air mass that originates in the tropics
 4. The lifting of a warm air mass above a cool air mass acting as a wedge
 6. A symbolic representation of data from a weather station on a weather map
 7. A higher than normal local sea level caused by seawater flowing toward the lower air pressure under a hurricane

8. A high humidity air mass that originates over the oceans
 10. A weather map that presents a summary of weather data for a given time frame. There are four.
 11. A severe weather disturbance
 12. A rainstorm that produces lightning
 14. The boundary where at least two different air masses meet
 17. A cyclonic windstorm that forms over tropical or subtropical oceans