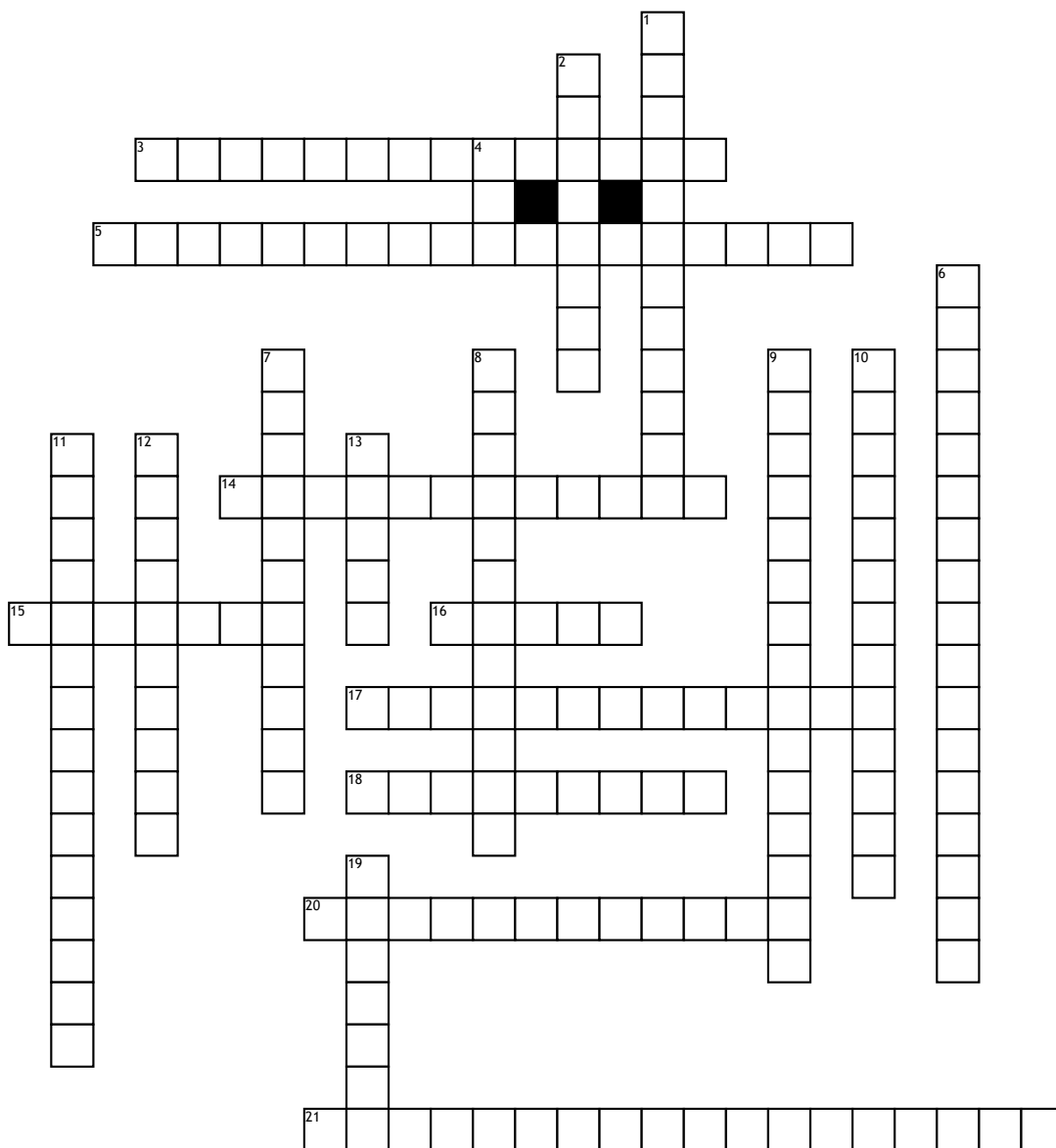


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Chapter 20: Storms and Weather Prediction



## Across

3. the lifting of a warm air mass above a cool air mass acting as a wedge  
 5. a weather map that presents a summary or synopsis of weather data for a given time frame  
 14. a symbolic representation of data from a weather station on a weather map  
 15. a huge body of air in the troposphere with similar temperature and humidity throughout  
 16. the boundary where at least two different air masses meet  
 17. a frigid air mass that originates over the poles  
 18. an immense cyclonic windstorm that forms over tropical or subtropical oceans

20. a cool or cold air mass that originates over upper latitudes  
 21. a low humidity air mass that originates over land

## Down

1. the lifting of air when horizontal air currents from opposite directions collide and rise into the atmosphere.  
 2. an atmospheric electrical discharge  
 4. the low pressure in a hurricane containing calm weather.  
 6. the upward movement of air masses as they flow over mountains  
 7. a storm that brings heavy snow or sleet  
 8. a rainstorm that produces lightning.  
 9. a high humidity air mass that originates over oceans

10. a cyclonic storm with winds of at least 63 km.

11. a warm air mass that originates in the tropics  
 12. a higher than normal local sea level.  
 13. a severe weather disturbance involving high winds, heavy precipitation and other conditions such as lightning or low temperatures  
 19. a destructive localized rapidly rotating cyclonic windstorm forming a funnel