

<u>Across</u>

2. A low humidity air mass that originates over land

 The upward movement of air masses as they flow over mountains
 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/h19. A cool or cold air mass that

20. A destructive rotating windstorm forming a tunnel

21. The center of a hurricane containing calm, clear rising air <u>Down</u>

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 massed meet
17. A cyclonic windstorm that forms over tropical or subtropical oceans

Date: