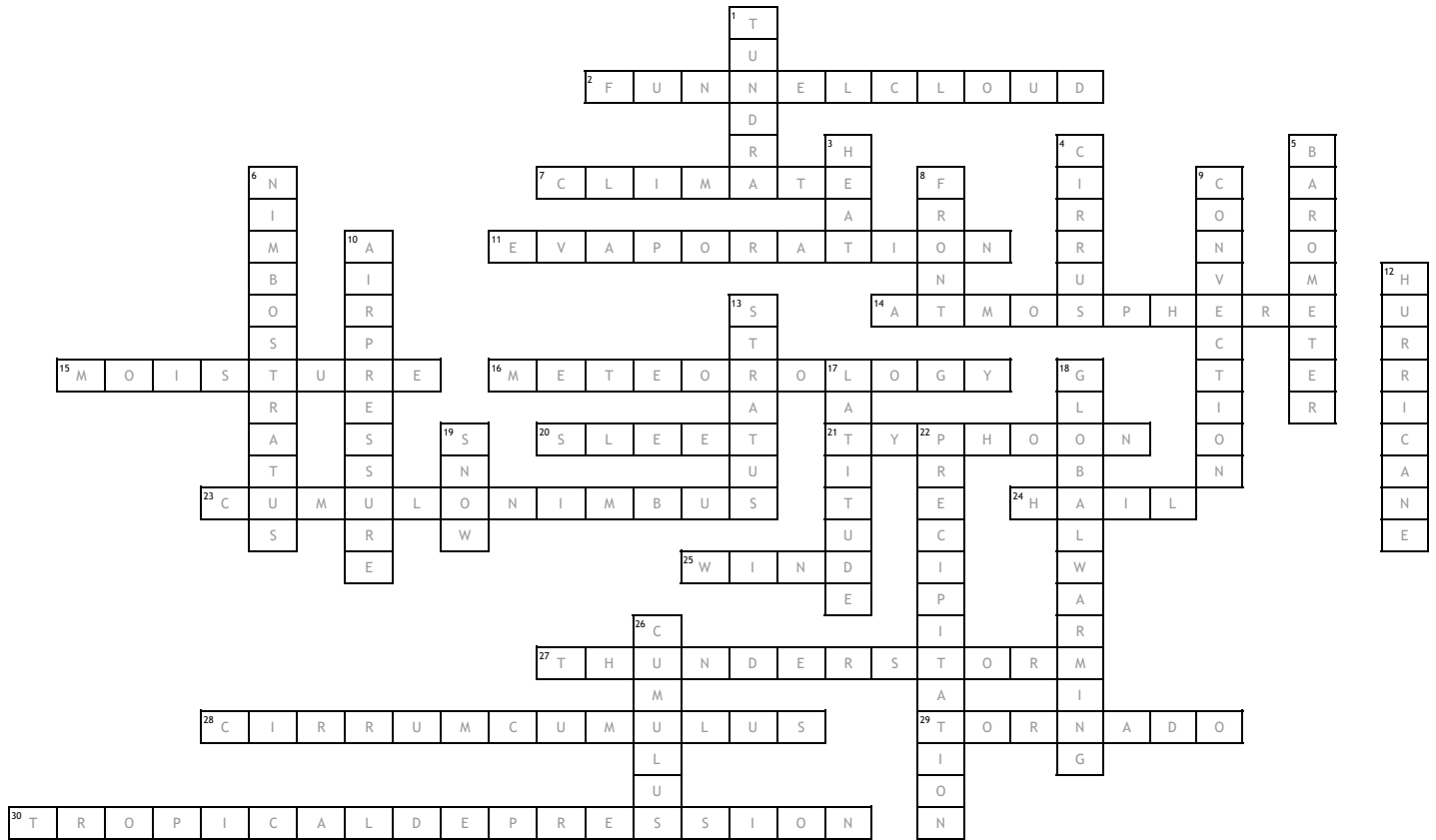


Science Vocabulary



Across

2. a funnel-shaped cloud that projects from the base of a thundercloud and that often precedes the formation of a tornado also : tornado
7. the usual weather conditions in a particular place or region
11. to change from a liquid into a gas
14. the whole mass of air that surrounds the Earth
15. a small amount of a liquid (such as water) that makes something wet or moist
16. a science that deals with the atmosphere and with weather
20. frozen or partly frozen rain
21. an extremely large, powerful, and destructive storm that occurs especially in the region of the Philippines or the China Sea
23. cumulus cloud having a low base and often spread out in the shape of an anvil extending to great heights see cloud illustration
24. precipitation in the form of small balls or lumps usually consisting of concentric layers of clear ice and compact snow
25. a natural movement of air of any velocity especially : the earth's air or the gas surrounding a planet in natural motion horizontally
27. a storm with lightning and thunder
28. a high-altitude cloud form consisting of small white rounded masses usually in regular groupings see cloud illustration
29. a violent and destructive storm in which powerful winds move around a central point
30. A tropical depression forms when a low pressure area is accompanied by thunderstorms that produce a circular wind flow with maximum sustained winds below 39 mph

Down

1. a large area of flat land in northern parts of the world where there are no trees and the ground is always frozen
3. to cause (something) to become warm or hot
4. a thin type of cloud that forms high in the sky
5. an instrument that is used to measure air pressure and predict changes in the weather
6. a low dark layer of gray cloud usually producing light continuous rain or snow see cloud illustration
8. transition zone between two air masses. A cold front is a warm-cold air boundary with the colder air replacing the warmer. As a cold front moves into an area, the heavier cool air pushes under the lighter warm air that it is replacing.
9. movement in a gas or liquid in which the warmer parts move up and the colder parts move down ;also the transfer of heat by this movement
10. sometimes also called barometric pressure, is the pressure exerted by the weight of air in the atmosphere of Earth
12. an extremely large, powerful, and destructive storm with very strong winds that occurs especially in the western part of the Atlantic Ocean
13. -a low cloud form extending over a large area at altitudes of usually 2000 to 7000 feet (600 to 2100 meters) see cloud illustration
17. distance north or south of the equator measured in degrees up to 90 degrees
18. the recent increase in the world's temperature that is believed to be caused by the increase of certain gases (such as carbon dioxide) in the atmosphere
19. soft, white pieces of frozen water that fall to the ground from the sky in cold weather
22. water that falls to the ground as rain, snow, etc. ;the process of separating a solid substance from a liquid
26. a type of thick cloud that is rounded on top and has a flat base