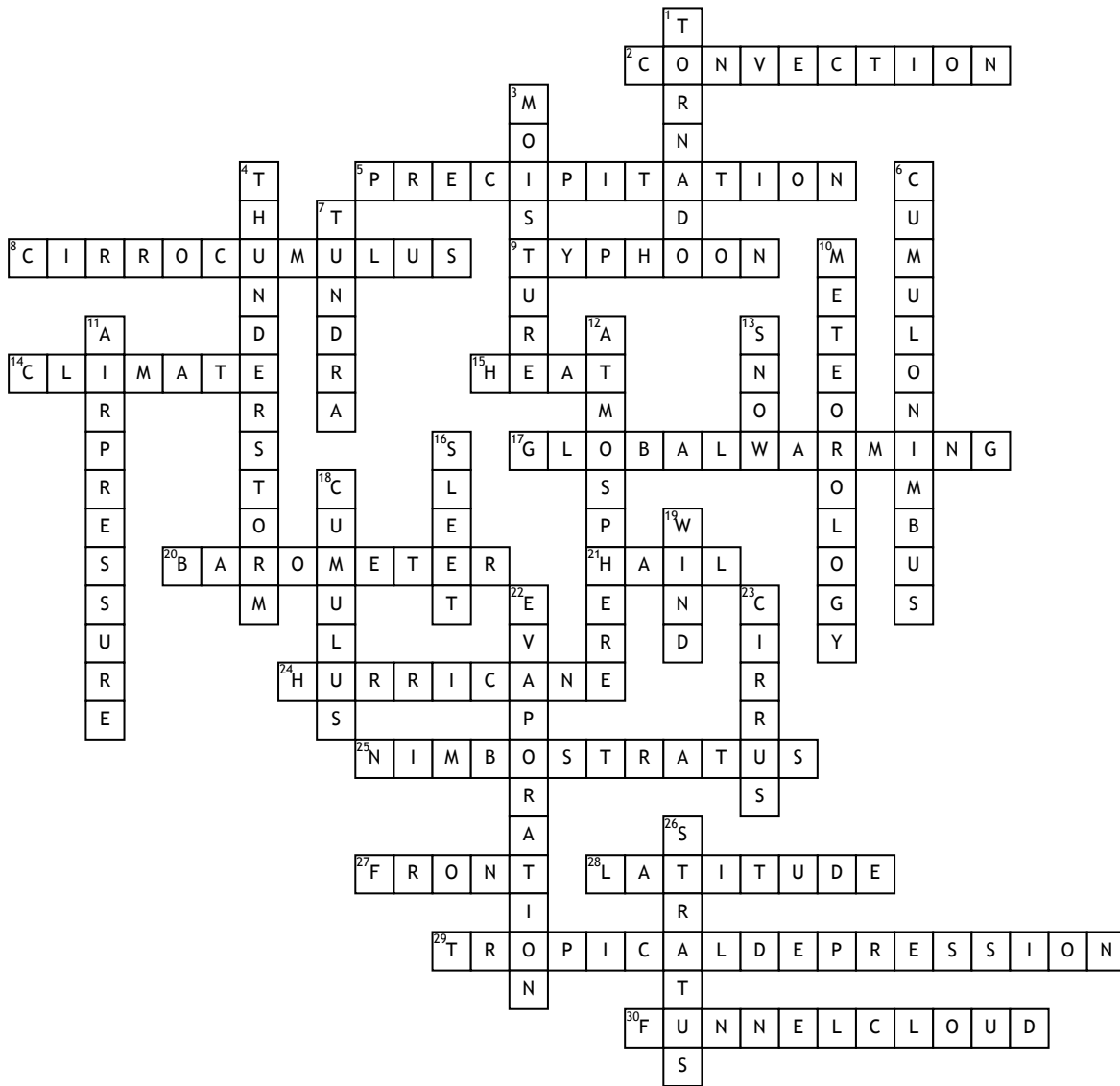


# Earth Oceans and Weather Systems Vocabulary



## Across

2. the transfer of heat from one place to another caused by movement of molecules
5. water that is released from clouds in the sky, includes rain, snow, sleet, and freezing rain
8. cloud forming a broken layer of small fleecy clouds at high altitude with a rippled or granulated appearance
9. a hurricane or tropical storm originating in the pacific ocean
14. the average weather conditions in an area
15. the transfer of thermal energy
17. the slow warming of Earth's atmosphere due to climate change
20. a tool used to measure air pressure
21. small, icy balls that fall from the sky
24. a storm with strong winds, and rain that forms over tropical waters
25. a cloud forming a thick uniform gray layer at low altitude, from which rain or snow often falls

27. in weather, the boundary between two masses of air with different properties

28. angular distance north and south of the equator

29. a region of low pressure with counter-clockwise wind rotation that develops into a hurricane or tropical storm
30. a rotating, funnel shaped cloud, they do not touch the ground

## Down

1. a funnel shaped cloud of column of air that rotates at high speeds and extends downward to the ground
3. a measure of how much water is in something
4. a weather system that produces heavy precipitation, winds, lightning, and thunder
6. anvil-shaped cloud that is often involved in heavy or violent storms

7. extremely cold climate located near the north and south poles and on the tops of mountains, receives very little precipitation and has no trees

10. the study patterns of weather

11. the force that air puts on an area

12. layers of gas that surrounds planet

13. atmospheric water vapor frozen into ice crystals and falling in light white flakes

16. frozen rain or precipitation in the form of ice pellets

18. large, fluffy, white clouds, often seen in fair skies

19. the movement of air due to atmospheric pressure differences

22. the process in which matter changes from a liquid to a gas

23. thin, wispy looking clouds, commonly found at heights greater than 6 kilometer

26. a low lying cloud characterized by a thin, layered, sheet-like appearance