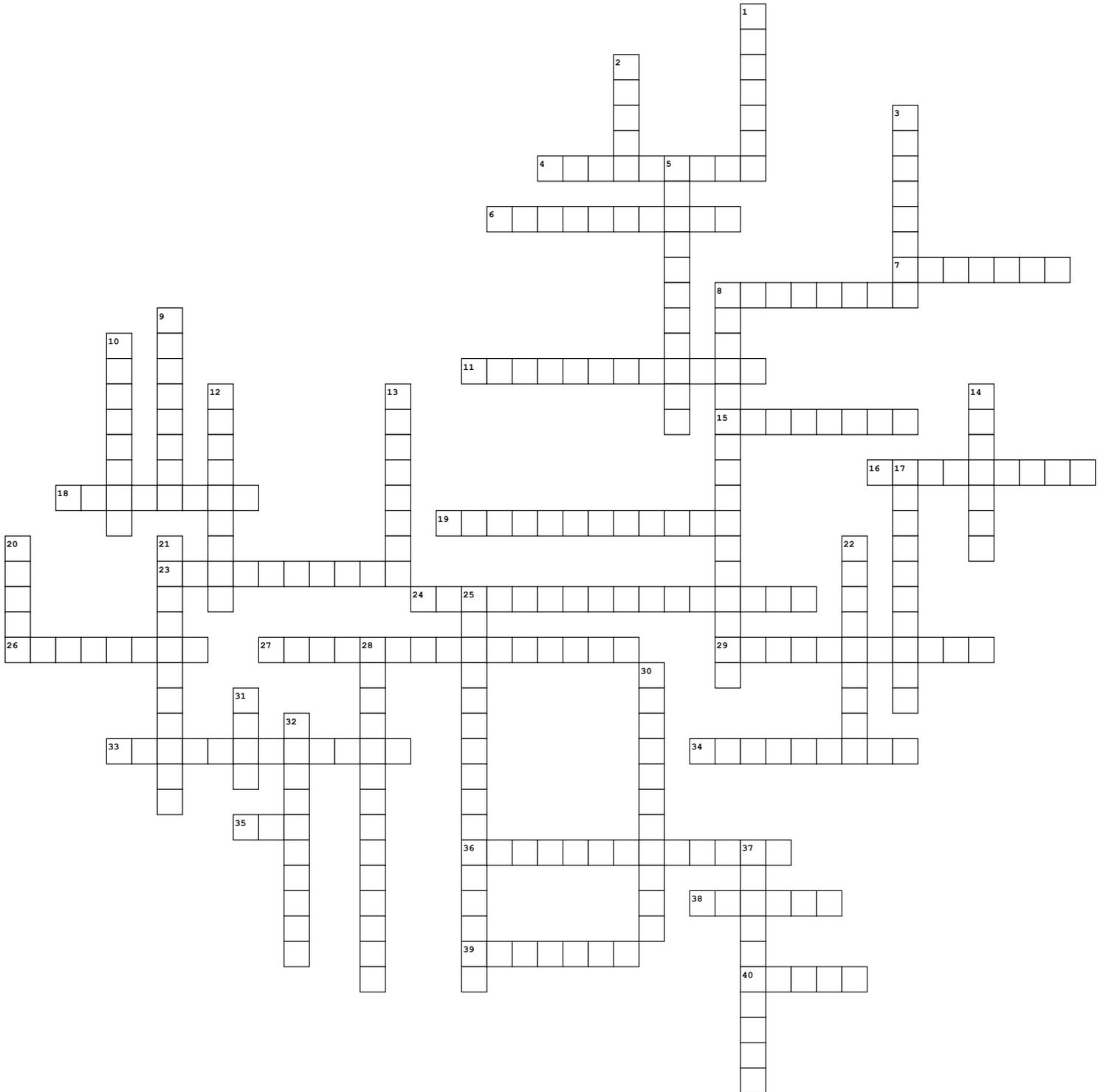


Weather



Across

4. A tropical cyclone with winds of 119km/h or higher
6. Winds that blow over short distances
7. The amount of mass in a given volume of air
8. The distance above sea level (elevation)

Down

1. A swirling center of low air pressure
2. Cold air masses
3. The distance from the equator, measured in degrees
5. Air masses that form over land

11. A small storm often accompanied by heavy precipitation and frequent thunder and lightning
15. Lines joining places that have the same temperature
16. An instrument that is used to measure air pressure
18. A measure of the amount of water vapor in the air
19. Has two thermometers, a wet bulb thermometer and a dry bulb thermometer
23. The flow of air from land to a body of water
24. Consists of a long glass tube that is closed at one end and open at the other
26. Warm air masses
27. The increased cooling that a wind can cause
29. The process in which molecules of liquid escape into the air after becoming water vapor
33. The process by which water vapor becomes liquid water
34. Bands of high-speed winds about 10 kilometers above Earth's surface
35. pressure The result of the weight of a column of air pushing on an area
36. Scientists that study and try to predict weather
38. Lines joining places of the map that have the same air pressure
39. A rapidly whirling, funnel-shaped cloud that reaches down from a thunderstorm to touch Earth's surface
40. A violent disturbance in the atmosphere
8. Has an airtight metal chamber
9. The warm air mass is cut off from the ground
10. Air masses that form over oceans
12. A sudden spark, or an electrical discharge
13. Move away temporarily
14. The huge body of air in the lower atmosphere that has similar temperature, humidity and air pressure at any given height
17. Has three or four spokes that spin on an axle
20. The boundary where the air masses meet
21. Winds that blow steadily from specific directions over long distances
22. A local wind that blows from an ocean or lake
25. The percentage of water vapor that is actually in the air compared to the maximum amount of water vapor the air can hold at a particular temperature
28. The way earth's rotation makes winds curve
30. High-pressure centers of dry air
31. The movement of air parallel to Earth's surface
32. The movement of water through Earth's systems, powered by sun's energy
37. A "dome" of water that sweeps across the coast where the hurricane lands