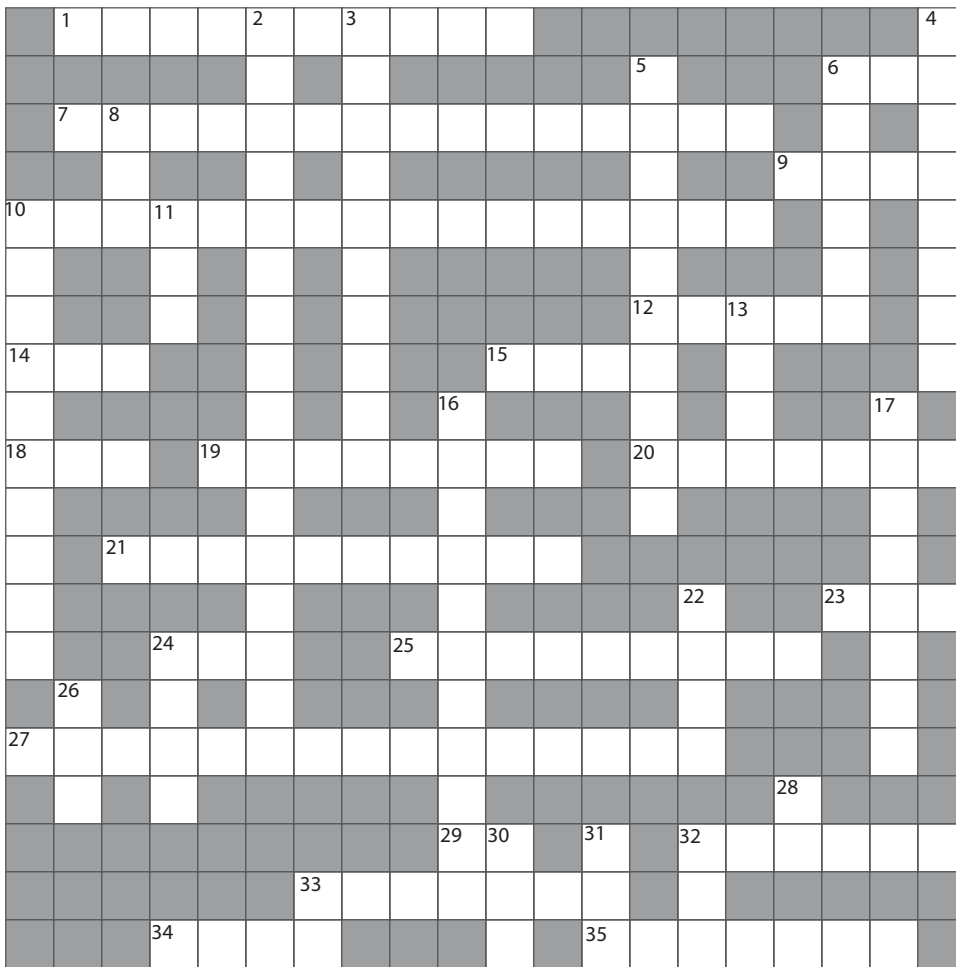


## The Atmosphere In Motion



### Across

1. The \_\_\_\_\_ tendency or pressure tendency indicates the general trend of the weather.
6. When cooler air moves towards warmer land this wind is called a \_\_\_\_\_ breeze.
7. Winds that originate at the poles and blow towards the polar front.
9. Westerlies blow to the \_\_\_\_\_.
10. The difference in atmospheric pressure over distance is called the \_\_\_\_\_.
12. Students always hope for a good \_\_\_\_\_.
14. Wind is moving \_\_\_\_\_.
15. A wind \_\_\_\_\_ measures wind direction.
18. Is anybody having \_\_\_\_\_ yet?
19. The weight of the air per unit area is called the air \_\_\_\_\_.
20. A local wind that blows on the eastern slopes of the Rockies.
21. A device to measure wind speed is a cup \_\_\_\_\_.
23. During rapid pressure changes people often report that their ears \_\_\_\_\_.
24. Opposite of dry.
25. The pressure zone at the poles is called a \_\_\_\_\_.
27. A wind not influenced by friction is called a \_\_\_\_\_.
29. The chemical symbol for Aluminum.
32. A line connecting areas of equal pressure.
33. A low pressure center.
34. A breeze that flows to the sea is a \_\_\_\_\_ breeze.
35. A barometer that does not use a liquid is called a \_\_\_\_\_ barometer.

### Down

2. A device for measuring pressure.
3. Winds that blow from the east and towards the equator.
4. A hot, dry local wind in Southern California.
5. When two objects have a path that causes them to become farther and farther apart they are experiencing \_\_\_\_\_.
6. Air that resists vertical movement is \_\_\_\_\_.
8. There is only \_\_\_\_\_ latitude line called the Equator.
10. A pressure zone at 60 degrees latitude.
11. The pressure zone with the subsiding dry air is the \_\_\_\_\_ tropical high.
13. A high pressure center is a \_\_\_\_\_ cyclone.
16. Between the trade winds and the westerlies lies the \_\_\_\_\_ high.
17. The rotation of the Earth causes wind to deflect. This is called the \_\_\_\_\_ effect.
22. \_\_\_\_\_ always moves from high pressure to low pressure.
24. An east wind blows toward the \_\_\_\_\_.
26. A fast moving current of air forms the \_\_\_\_\_ stream.
28. Does a falling barometric tendency mean mild pleasant weather?
30. At the surface, wind converges around a \_\_\_\_\_ pressure center.
31. The subpolar low in the Southern Hemisphere is continuous because the zone is entirely at \_\_\_\_\_.
32. The solid form of water is called \_\_\_\_\_.
33. A plastic disc used in computers and stereo systems.