

WEATHERING THE STORM

ACROSS

4 This refers to the degree of hotness or coldness of a substance, as measured by a thermometer.

7 This loud sound is caused by rapidly expanding gases in a lightning discharge.

8 This kind of precipitation falls to earth in drops.

12 This refers to the accumulation of daily and seasonal weather events over a long period of time.

13 This is the study of the atmosphere and the atmosphere's interaction with the earth's surface, oceans, and life in general.

15 This instrument measures atmospheric pressure and looks a lot like a clock.

16 This is an estimate or prediction of expected future weather conditions.

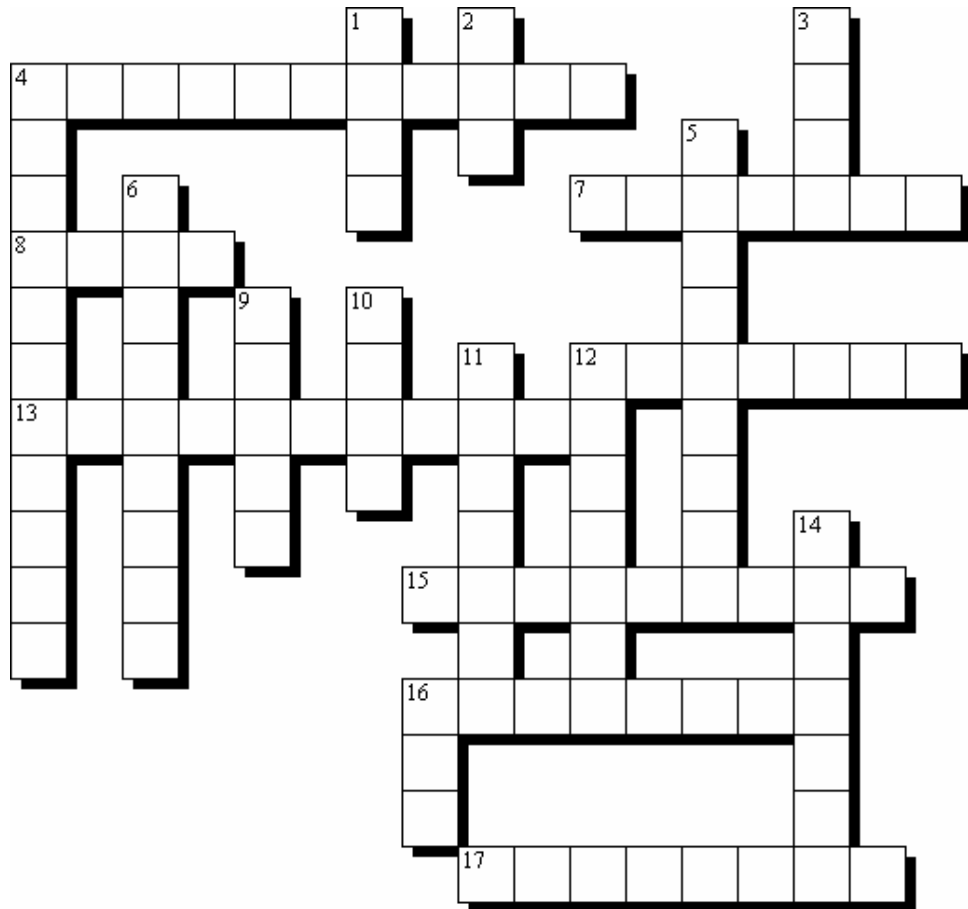
17 This severe weather condition is characterized by low temperatures, strong winds (greater than 32 miles per hour), and a lot of snow.

DOWN

1 This frozen precipitation falls to the earth in the form of balls or irregular lumps of ice – some pieces have been known to be the size of baseballs!

2 This star is the central part of our solar system; the planets revolve around it and receive light and heat from it.

3 This weather condition involves air in motion relative to the surface of the earth.



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- 4 This instrument is used to measure temperature.
- 5 This is a severe tropical cyclone having winds in excess of 64 knots (74 miles per hour). These tropical cyclones are named; past names have included Andrew, Frances, and Jeane.
- 6 This is a visible electrical discharge produced by a thunderstorm. The discharge may occur within or between clouds, between the cloud and air, between a cloud and the ground or between the ground and a cloud.
- 9 This disturbance of the normal atmospheric conditions is often accompanied by rain, thunder, lightning, hail, snow, or sleet.
- 10 This kind of precipitation is made up of ice crystals, formed directly from the freezing of the water vapor in the air.
- 11 A small mass of air that spins rapidly about an almost vertical axis, forming a funnel cloud; it is also commonly referred to as a "twister."
- 12 A large-scale circulation of winds around a central region of low atmospheric pressure, counterclockwise in the Northern Hemisphere, clockwise in the Southern Hemisphere.
- 14 This refers to state of the atmosphere with respect to wind, temperature, cloudiness, moisture, pressure, etc.
- 16 This is actually a cloud with its base at the earth's surface; it can make it very difficult to see!



Although he was a qualified meteorologist, Hopkins ran up a terrible record of forecasting for the TV news program. He became something of a local joke when a newspaper began keeping a record of his predictions and showed that he'd been wrong almost three hundred times in a single year. That kind of notoriety was enough to get him fired.

He moved to another part of the country and applied for a similar job. One blank on the job application called for the reason for leaving his previous position. Hopkins wrote, "The climate didn't agree with me."