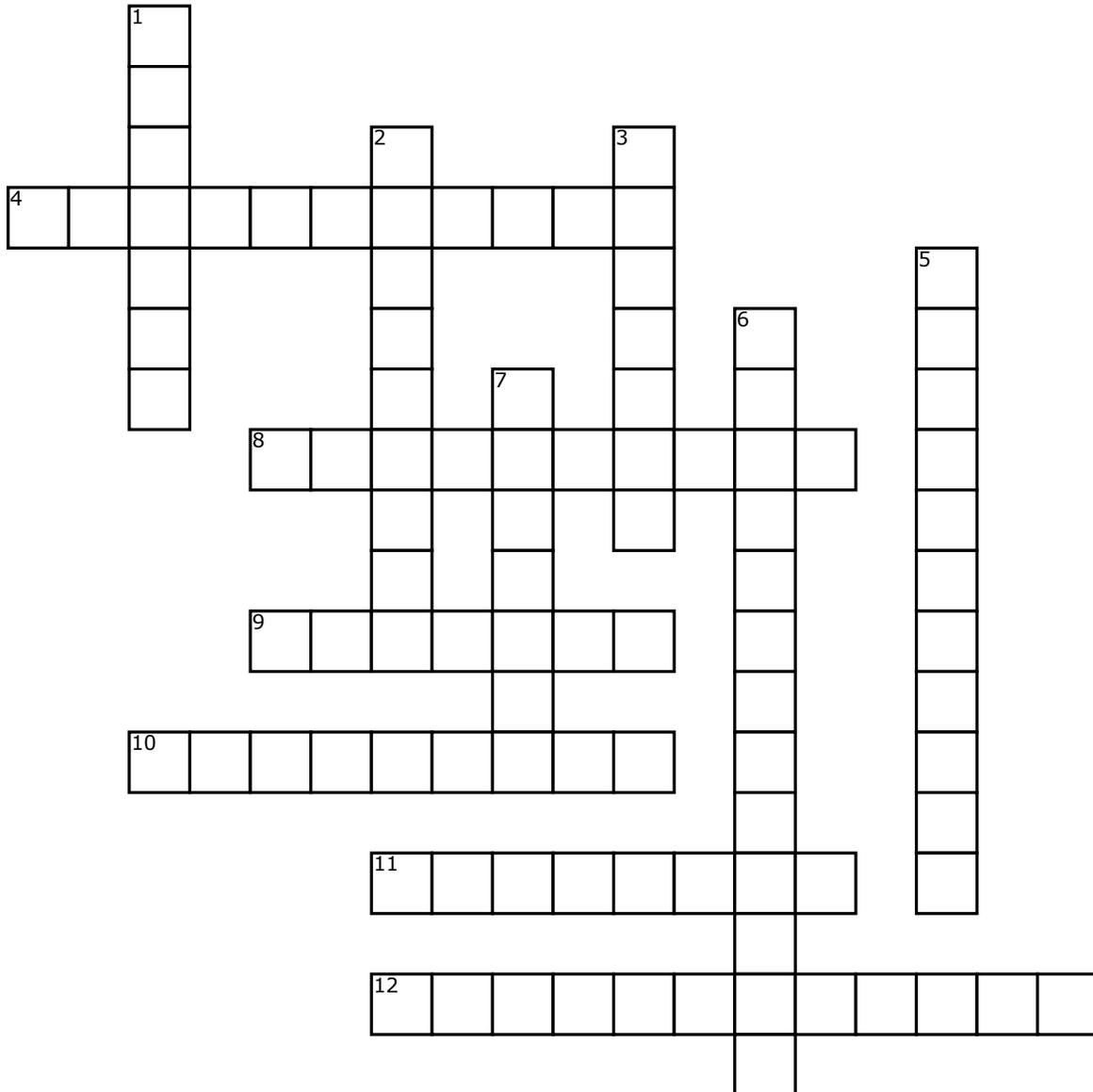


# Weather and Climate



**Across**

**4.** a measure of how fast an object's particles are moving

**8.** an instrument used to measure wind speed

**9.** A large section of the atmosphere with the same temperature and humidity throughout

**10.** the boundary ahead of a cold air mass that is pushing out and wedging under a warm air mass

**11.** the amount of water vapor in the air

**12.** an instrument used to measure humidity

**Down**

**1.** the average weather of a region over a long period of time

**2.** an instrument used to measure air pressure

**3.** the state of the atmosphere at a given time and place

**5.** the force of air against a unit of area

**6.** moisture that falls to Earth from the atmosphere

**7.** a powerful wind storm with a whirling, funnel-shaped cloud and extremely low air pressure