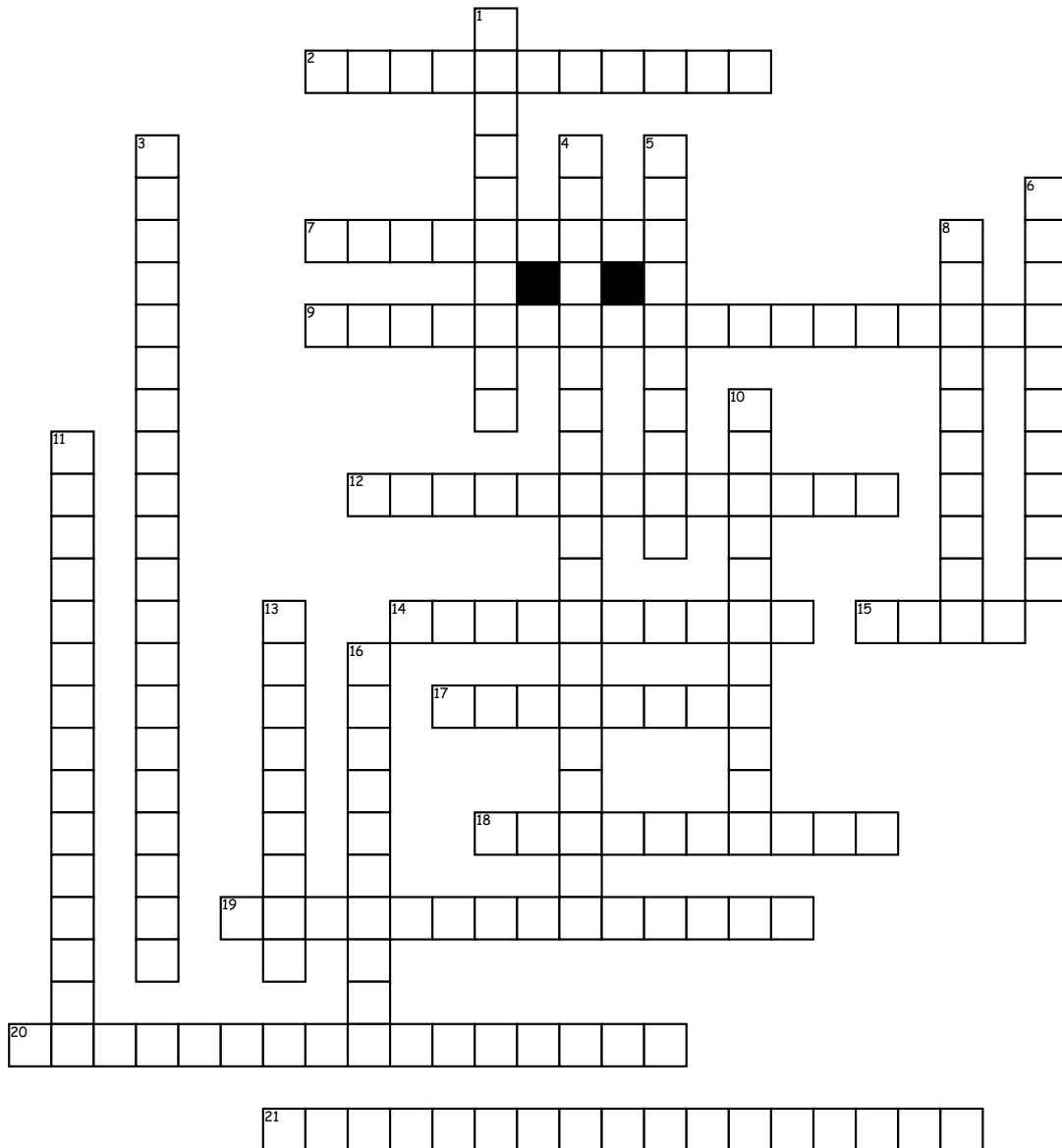


# The atmosphere



## Across

2. winds that blow steadily from specific directions over long distances
7. a local wind that blows from an ocean or lake
9. the upward movement of warm air and the downward movement of cool air
12. the total energy of motion in the particles of a substance
14. the transfer of heat by the movement of fluid
15. the horizontal movement of air from an area of high pressure to an area of lower pressure
17. the distance from the equator, measured in degrees

18. a process when dust particles and gases in the atmosphere reflect light in all directions
19. the way Earth's rotation makes winds curve
20. the process by which gases hold heat in the air
21. has wavelengths that are longer than red light

## Down

1. the flow of air from land to a body of water
3. an invisible form of energy with wavelengths that are shorter than violet light
4. a form of energy that can move through the vacuum of space

5. an instrument used to measure wind speed
6. bands of high speed winds that are about 10 kilometers above Earth's surface
8. the direct transfer of heat from one substance to another substance that is touching
10. a thin glass tube with a bulb on one end that contains a liquid, usually colored alcohol
11. the increased cooling of a wind
13. the direct transfer of energy by electromagnetic waves
16. winds that blow over short distances