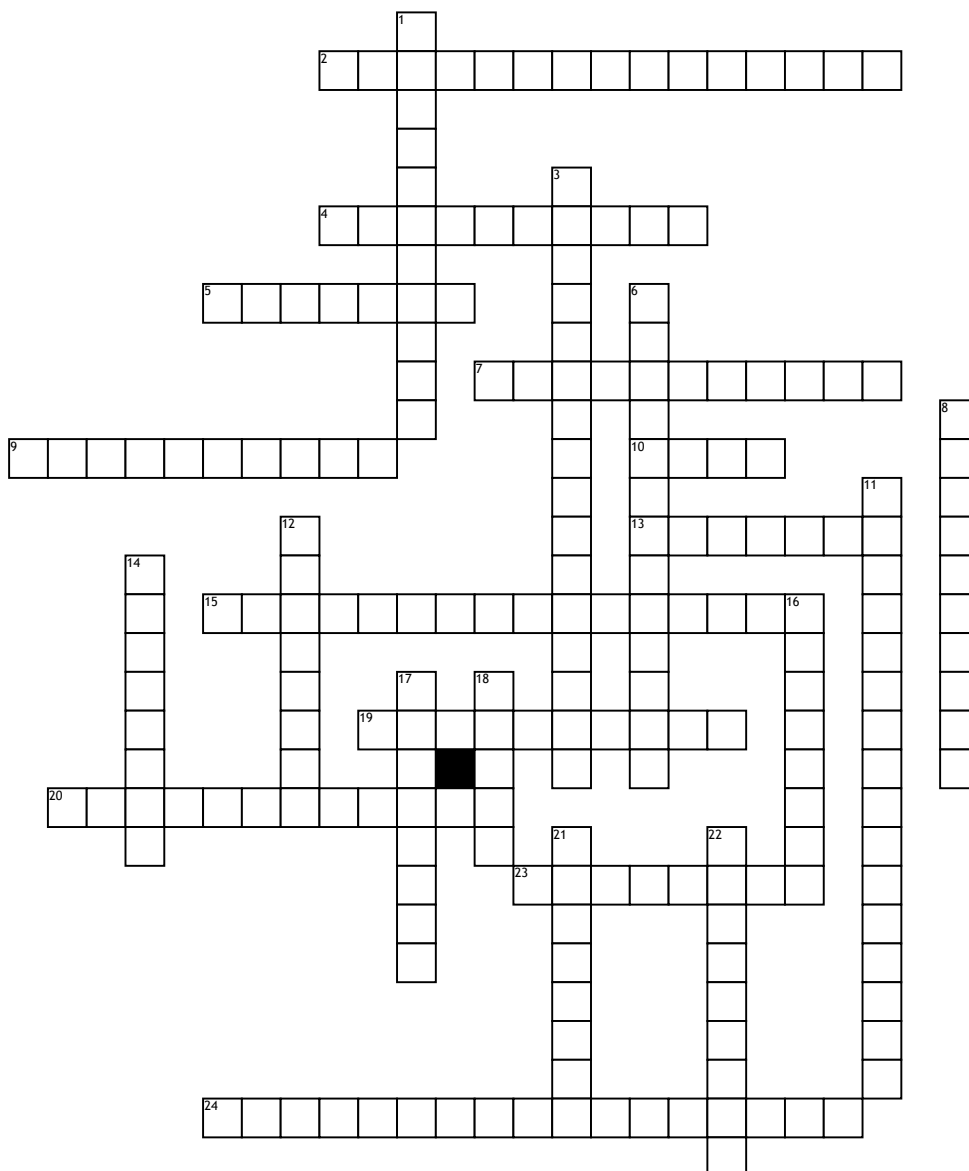


Weather and Climate Chapter 3



Across

2. winds that blow from the same direction most of the time
4. permanently frozen soil below the ground's surface
5. weather condition in a geographic region over a long time
7. process by which liquid changes to gas
9. a drier area on the leeward side of a mountain range
10. dry
13. the condition of the atmosphere at a given place
15. forests that make up trees that lose their leaves during part of the year

19. the most powerful and destructive tropical cyclones

20. the process by which water vapor changes from gas into liquid droplets
23. a wind system in which winds reverse direction and cause seasons of wet and dry weather
24. forests of cone-bearing evergreen trees

Down

1. the measurement of heat
3. cooling effect that occurs when air is forced to rise over a mountain
6. the process in which Earth grows warmer over a period of time
8. communities of plants and animals

11. Earth's atmosphere traps heat energy in a process called the

12. winds around centers of low atmospheric pressure
14. the term for hurricanes in the western Pacific Ocean
16. areas of tropical grasslands, scattered trees, and shrubs
17. the amount of water vapor in the air
18. zone of contact between two air masses of widely different temperatures or moisture levels
21. areas with no prevailing winds
22. violent twisting spirals of air