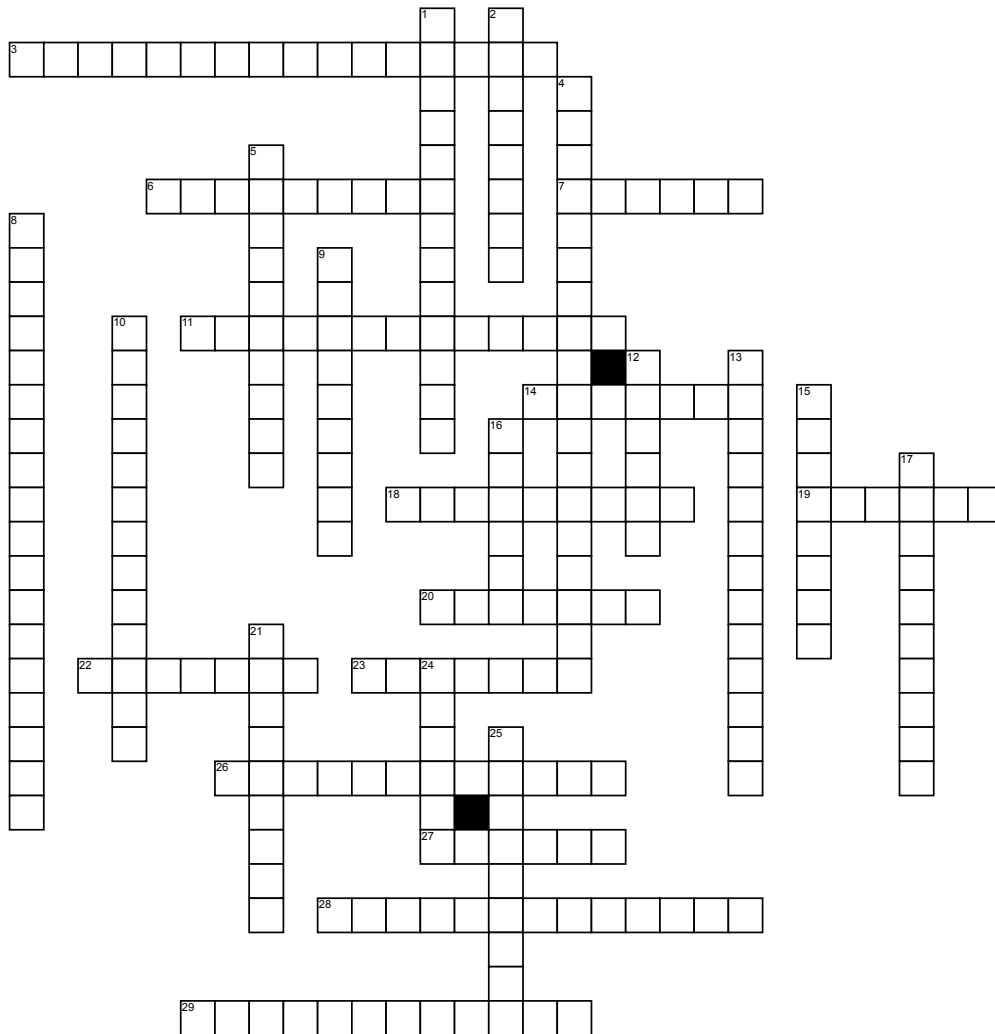


Chapter 9 Crossword



Across

3. a wet and warm climate found on the edges of the tropics
 6. a climate zone that lies north of the humid continental climates, with short, cool summers and long, cold winters
 7. a polar climate region, found across northern Alaska, Canada, and Russia, with short, cool summers and bitterly cold winters
 11. a gradual increase in the temperature of the earth's atmosphere
 14. a tropical grassland with scattered clumps of trees
 18. the movement of cold water upward from the deep ocean that is caused by wind
 19. an arid region that on average receives less than 25cm of rain each year
 20. the side of a mountain range that faces away from the oncoming wind
 22. sea or land breeze over a large region that changes direction with the seasons
 23. the long-term, average conditions of temperature, precipitation, wind and clouds in an area

26. the area near the equator, between about 23.5 degrees north latitude and 23.5 south latitude
 27. a climate event that occurs every two to seven years in the Pacific Ocean, during which winds shift and push warmer waters toward South America
 28. gases in the atmosphere, such as carbon dioxide, that trap solar energy
 29. a large stream of moving water that flows through the ocean in a regular pattern

Down

1. Small areas with climate conditions that differ from those around it
 2. the total amount of dissolved salts in a water sample
 4. the climate of the centers of continents, with cold winters and warm or hot summers
 5. the forest in a tropical wet climate zone in which large amounts of rain fall year round
 8. Chlorine compounds that are the main cause of ozone depletion
 9. an area of dense shrubs and small trees found in Mediterranean climates

10. the areas between the tropical and polar zones, from about 23.5 to 66.5 degrees north and 23.5 to 66.5 degrees south latitude
 12. a climate event in the eastern Pacific Ocean in which the surface waters are colder than normal
 13. the climate of some coastal regions, with relatively warm winters and cool summers
 15. the side of a mountain range that faces the oncoming wind
 16. a prairie or grassland found in the semiarid climate region
 17. permanently frozen soil found in the tundra climate region
 21. the areas near both poles, from about 66.5 degrees to 90 degrees north and 66.5 to 90 south latitudes
 24. Time in the past when continental glaciers covered large parts of the earth's surface
 25. a large area of reduced ozone concentration in the stratosphere, found over Antarctica

Word Bank

chaparral	ocean current	steppe	Ice Age	subarctic	desert
savanna	ozone hole	Temperate Zone	microclimates	humid subtropical	Tundra
climate	leeward	chlorofluorocarbon	upwelling	El Nino	rain forest
global warming	Permafrost	La nina	greenhouse gas	Polar Zone	Tropical Zone
Windward	continental climate	marine climate	monsoon	Salinity	