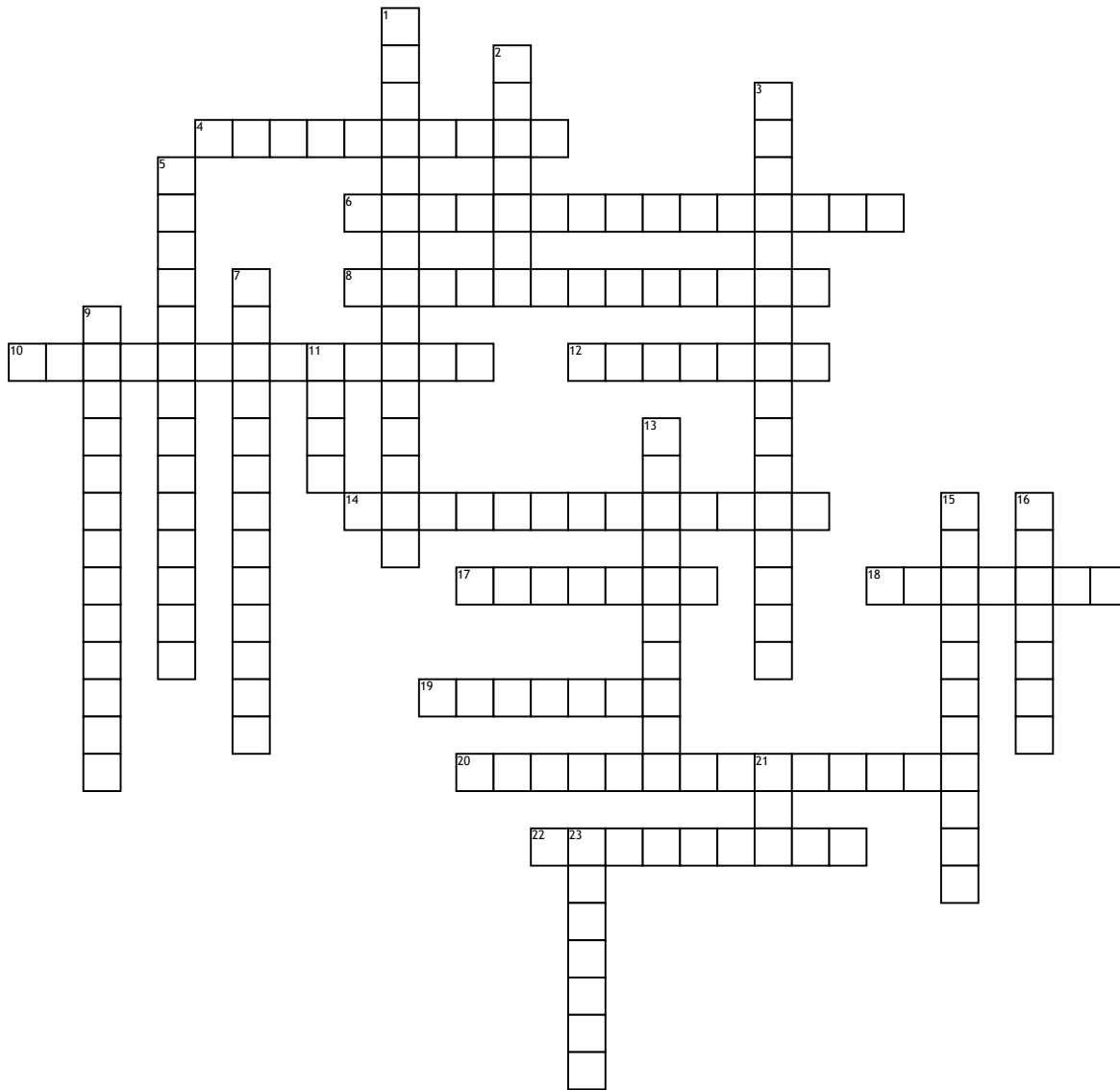


Weather Hazards and Climate Change



Across

4. An environmental reservoir that can absorb and store more carbon than it releases
 6. All the greenhouse gases a person produces expressed as tonnes of carbon dioxide
 8. A gas that absorbs and gives out radiation, a cause of global warming
 10. Any form of water falling from the atmosphere to the ground as rain, hail, sleet or snow
 12. The day to day condition of the atmosphere
 14. A rise in average global temperatures
 17. A groundwater source formed when permeable rocks overlie impermeable rocks

18. Periods of time that occur yearly e.g. spring, summer, autumn and winter in the UK
 19. The average weather conditions of an area over a period of time
 20. The earth's rotation causing a deflection of air movement
 22. A moving current of air in the upper atmosphere

Down

1. Where two air masses meet resulting in rainfall
 2. A seasonal wind in Southern Asia and the Indian Ocean
 3. The increase in volume as a fluid expands due to heating e.g. sea water
 5. The direction that the wind blows most frequently in e.g. this is SW in the UK

7. Variations in temperature and rainfall affecting the whole planet
 9. The permanent removal of forest, sometimes to use the land for agricultural purposes
 11. An area with very little to no precipitation
 13. Circulation cell that brings warm air northwards towards the UK
 15. Changing liquid water to water vapour
 16. A period of low precipitation leading to water shortages
 21. The center of a tropical cyclone
 23. A thick layer of cloud around a cyclone or hurricane's wall with high winds and very heavy rain