

How is climate change affecting the world?

Key Vocabulary	Definition
dry season	A yearly period of low rainfall, especially in the tropics.
wet season	The time of year when most of a region's average annual rainfall occurs. Generally the season lasts at least a month.
climate	The usual weather conditions in a place.
drought	A long period with little or no rain.
desertification	The transformation of fertile land to desert by natural causes, especially drought, or through human activity such as deforestation.
erosion	Wearing away of the earth's surface by wind or water.
subsistence	The provision, source, or means of sustenance; that which supports life or continued operation.
commercial	Having to do with making money.
conurbation	A large urban area composed of cities and suburbs that have grown and merged together.
megalopolis	An extremely large city or a large, densely populated region surrounding and including such a city.
infrastructure	The basic facilities and that are necessary for a system or organization to function.
embankment	A mound of earth or stone made to support a road or protect an area from water.
methane	A gas made of carbon and hydrogen atoms that is stored in and collected from the earth. Methane is used for heating and cooking in the form of natural gas.
geothermal	Heat produced inside the earth.
solar power	Electricity or heat that is generated from sunlight.
biofuel	A fuel that is produced from biomass, rather than a fuel produced by the very slow geological processes involved in the formation of fossil fuels, such as oil.

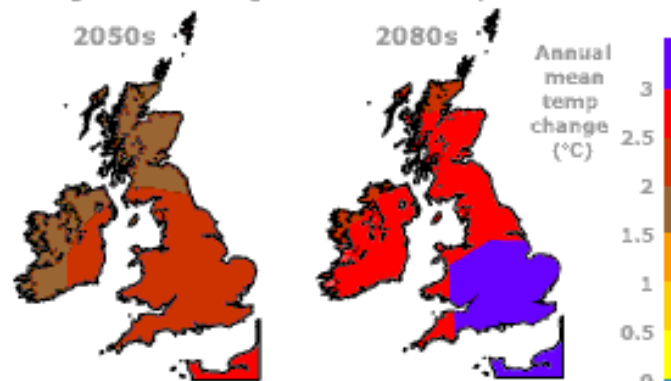
April 1981 (UK)



April 2018 (UK)



Change in average annual temperature



SOURCE: Climatic Research Unit, University of East Anglia
High scenario based on the highest sensitivity and 1% per annum concentration growth of greenhouse gases.

Facts and information:

- 11% of the world's population (800 million people) are vulnerable to climate change impacts e.g. droughts, flood and heat waves
- In 2018, the UK experienced the hottest summer since 2006
- 120,000 square kilometres of tropical forest were lost in 2018 due to a number of reasons.

What will I be able to do?:

- Explain how Gambia is being affected by changes in the weather and evaluate how this is impacting on people
- Using a range of evidence reach conclusions and make judgements on the changing weather patterns in Victoria in Southeast Australia
- Reflect upon and evaluate different viewpoints and reach a personal judgement about the implications of changing weather patterns on the people of Greenland.