

Tropical		Dry		Moderate		Continental		Polar		Non-permanent ice	
	Tropical wet		Semi-arid		Mediterranean		Humid continental		Tundra		Non-permanent ice
	Tropical wet and dry		Arid		Humid subtropical		Subarctic		Ice cap		
			Marine west coast						Highlands		

CLIMATE DESTABILISATION

The average temperature rise across the globe

4°C

The arctic rise will be as much as

16°C

Coastal areas of Britain and New Zealand will see temperatures rise by

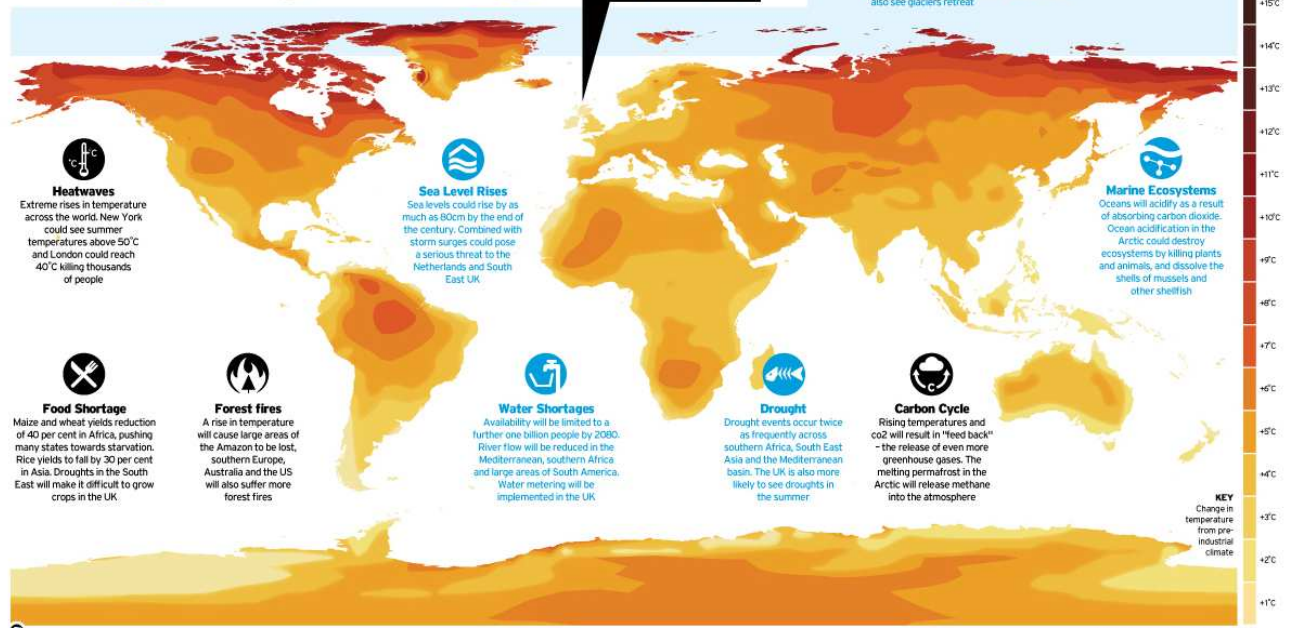
2°C

Affects on the UK



Melting Glaciers

Himalayan glaciers will be significantly reduced by 2050 putting the water source of billions of people at risk. South America and the Alps will also see glaciers retreat.



Heatwaves
Extreme rises in temperature across the world. New York could see summer temperatures above 50°C and London could reach 40°C killing thousands of people

Food Shortage
Maize and wheat yields reduction of 40 per cent in Africa, pushing many states towards starvation. Rice yields to fall by 30 per cent in Asia. Droughts in the South East will make it difficult to grow crops in the UK.

Forest fires
A rise in temperature will cause large areas of the Amazon to be lost, southern Europe, Australia and the US will also suffer more forest fires.

Sea Level Rises
Sea levels could rise by as much as 80cm by the end of the century. Combined with storm surges could pose a serious threat to the Netherlands and South East UK

Water Shortages
Availability will be limited to a further one billion people by 2050. River flow will be reduced in the Mediterranean, southern Africa and large areas of South America. Water metering will be implemented in the UK.

Drought
Drought events occur twice as frequently across southern Africa, South East Asia and the Mediterranean basin. The UK is also more likely to see droughts in the summer.

Carbon Cycle
Rising temperatures and CO₂ will result in "feed back" - the release of even more greenhouse gases. The melting permafrost in the Arctic will release methane into the atmosphere.

KEY
Change in temperature from pre-industrial climate