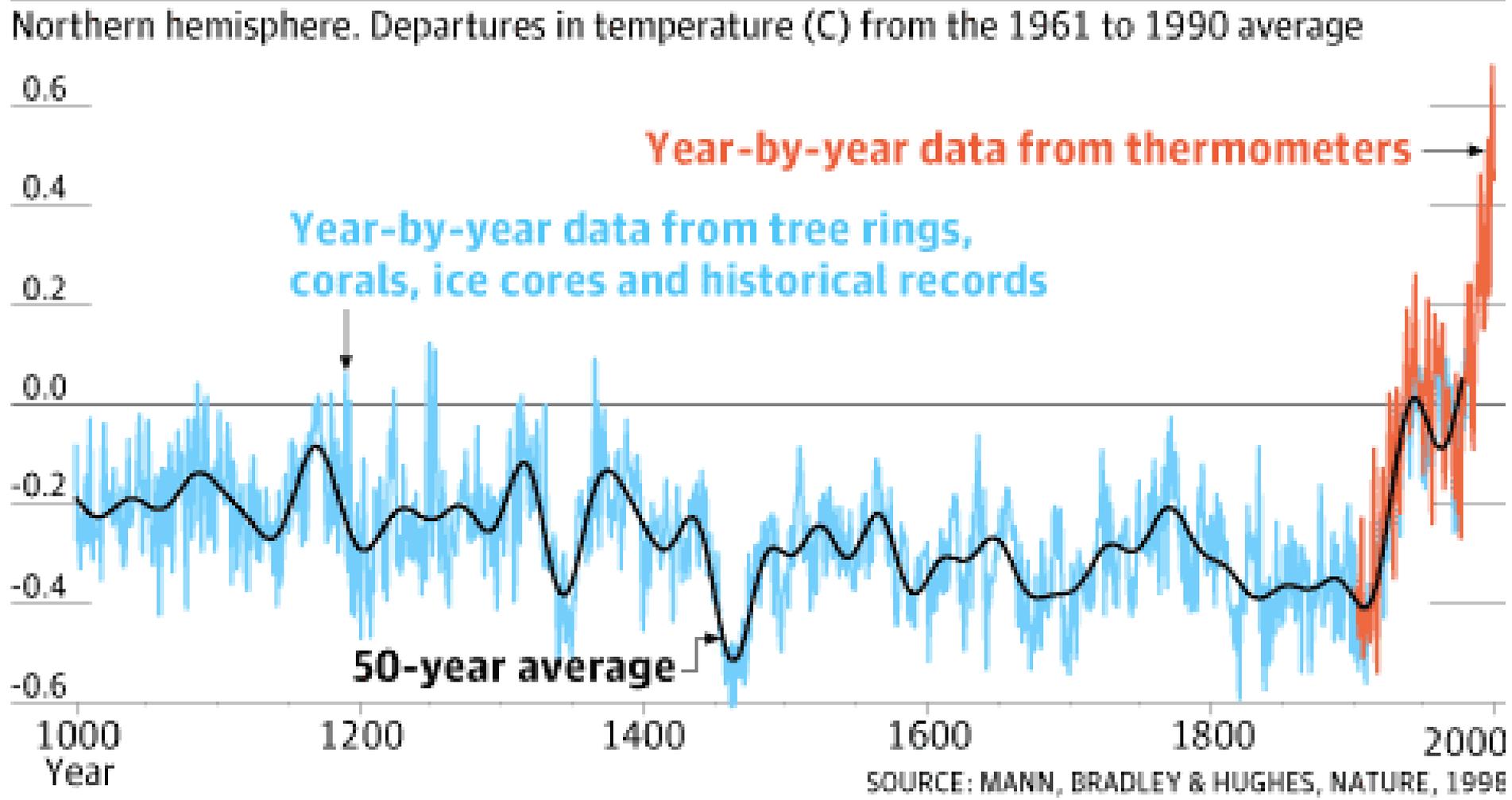
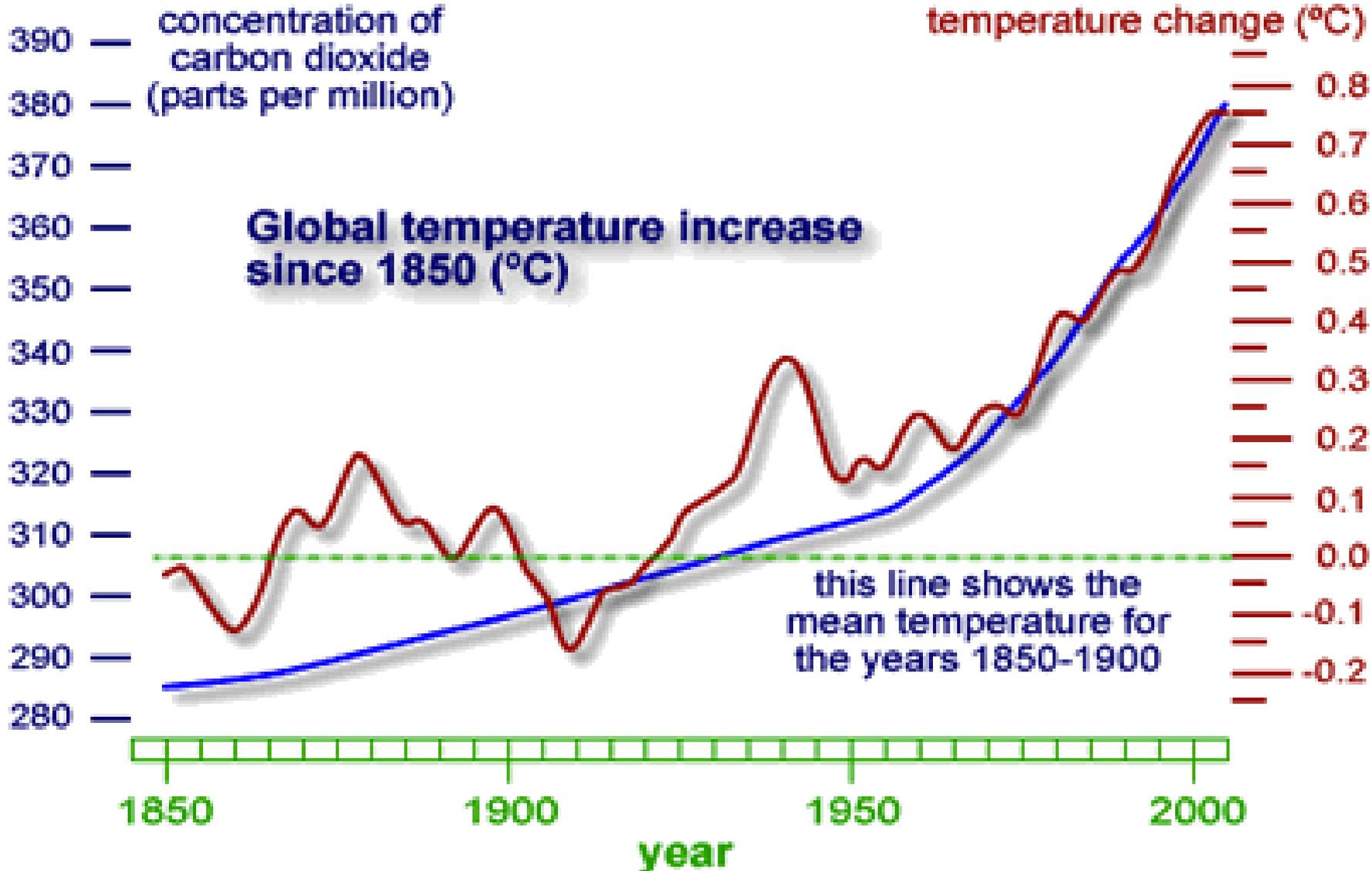


*Describe* the trend shown in the graph below.

*Explain* why this leads some people to believe recent warming is due to human activity.



*Describe* the relationship between carbon dioxide concentrations and temperature change.



## Quiz

1. Name the atmospheric cells that meet over the equator. (1)  
Hadley Cells
2. State two conditions you would associate with low pressure systems. (2)  
High rainfall (1) / high wind (1)
3. Explain why temperatures are higher nearer the equator. (1)  
Solar radiation is concentrated on smaller area
4. Describe the role of the Gulf Stream. (2)  
Regulate uneven global temperatures (1) by bringing warm weather conditions from the Gulf of Mexico to the Northern Atlantic. (1)
5. Explain why Algeria has hot and dry conditions. (2)  
Concentrated sun light due to low latitude (1) and area of high pressure along tropics so dry (1)
6. Name four natural drivers of climate change. (4)  
Milankovitch cycles / variation in solar orbit / volcanic eruptions / asteroid impact
7. Name four pieces of evidence for previous climate change. (4)  
Ice core analysis / tree rings / historical records / instrument measurements (4)
8. Name the main greenhouse gases that result from: a) cattle ranching; b) transport; c) agriculture  
a) methane; b) carbon dioxide; c) nitrous oxide

# Answer all questions

1. Explain one evidence that global temperatures are rising. 3 marks
2. Describe one way that developed countries prepare for earthquakes. 2 marks
3. Explain one reason why tropical cyclones present a particular danger to low lying coastlines. 3 marks
4. Suggest why some countries are more vulnerable than others to the impact of tropical cyclones. 2 marks
5. What method can be used to help forecast and track cyclones? 1 mark
6. Describe a secondary effect of an earthquake. 2 marks
7. Explain one way some earthquakes cause more damage and loss of life than others. 2 marks
8. Explain causes of earthquakes and volcanoes. 6 marks
9. Describe 2 ways of predicting earthquakes and volcanoes. 6 marks
10. Describe ways to monitor tropical storms. 2 marks

*Evaluate* the effectiveness of tropical storm management in a named developed and developing/emerging country. (8) (+4)

Paragraph 1:

Despite challenges of lack of resources and technology, developing world storm was well managed

Paragraph 2:

Despite USA being one of most developed countries in world, there were major failings in how it was managed

Conclusion:

Development is important; however other factors, such as social equality, governance, magnitude are also significant and contribute to the success of management

- ✓ Structure
- ✓ Case study factors
- ✓ Balance and well-developed arguments
- ✓ Judgement

*Assess* how development influences the impacts of tectonic hazards in countries with different levels of development. (8) (+4)

- ✓ Structure
- ✓ Case study factors
- ✓ Balance and well-developed arguments
- ✓ Judgement