

2.5 cm

# Our changing climate

Sans serif  
Full width

The climate we live in affects many areas of our lives. The quality of the food we eat, the water we drink and our homes are all dependent on our climate and weather. Some scientists have suggested that a warmer world will be a sicker world. While there is not complete agreement that this will be the case, the Department of Health have looked at the likely health consequences in the UK. Climate researchers predict that the UK climate will become warmer, with high temperatures in the summer becoming more frequent and very cold winters more rare. Winters will become wetter with heavier rain more common.

plus the growth of fungi, while droughts encourage white flies, locusts and rodents, all affecting food and water supplies and health. Climate change is likely to have an unequal impact on the world population. Those living in poor and developing countries are going to be less able to adapt to changes. The effects on general UK health are likely to be less severe than in other parts of the world. Health impacts are not likely to be confined to the human population - wildlife will also be severely affected.

2.8 cm

1.4 cm

## Direct effects

With winters becoming milder, there are likely to be up to 20,000 fewer cold-related deaths. However, there is a danger that bacteria would no longer die-off seasonally during the prolonged cold spell meaning that diseases may spread more widely. More heat waves will increase the number of hot-weather related deaths by up to 2,800. Exposure to higher levels of UV light could cause an extra 5,000 deaths a year from skin cancer and may cause an increase of up to 2,000 cases of cataracts. Warmer summers may cause up to 10,000 extra cases of food poisoning each year. Higher average global temperatures mean that diseases, or their carriers, may be able to move to areas that were previously too cold for them to survive. It is possible that a mild strain of malaria will become established in localised parts of the UK for up to four months of the year.



2.8 cm

Researchers have also identified other diseases, such as Lyme disease, cholera, dengue fever and yellow fever, that could spread into previously inhospitable areas and therefore affect a wider population. The weather has been shown to be associated with changes in birth rates, sperm counts, outbreaks in pneumonia, influenza and bronchitis.

A4  
Portrait  
Column widths equal  
Text file imported  
Underlined words corrected  
Body text left aligned  
Serif font  
Saved as global1

## The future

Globally, there are likely to be more floods, more droughts and more storms, which will be accompanied by damage to our homes, food and water supplies and impact on our general health. An increase in flooding will promote the spread of water-borne diseases

Candidate name

2.5 cm

2.5 cm

Line

# Our changing climate

1<sup>st</sup> line indent all paragraphs

The climate we live in affects many areas of our lives. The quality of the food we eat, the water we drink and our homes are all dependent on our climate and weather. Some scientists have suggested that a warmer world will be a sicker world. While there is not complete agreement that this will be the case, the Department of Health have looked at the likely health consequences in the UK. Climate researchers predict that the UK climate will become warmer, with high temperatures in the summer becoming more frequent and very cold winters more rare. Winters will become wetter with heavier rain more common.

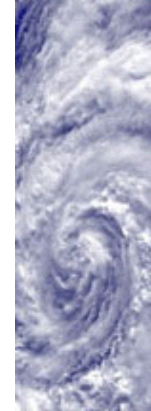
Body text fully justified

Subheadings Sans serif Size, Centred

## Direct effects

With winters becoming milder, there are likely to be up to 20,000 fewer cold-related deaths. However, there is a danger that bacteria would no longer die-off seasonally during the prolonged cold spell meaning that diseases may spread more widely. More heat waves will increase the number of hot-weather related deaths by up to 2,800. Exposure to higher levels of UV light could cause an extra 5,000 deaths a year from skin cancer and may cause an increase of up to 2,000 cases of cataracts. Warmer summers may cause up to 10,000 extra cases of food poisoning each year. Higher average global temperatures mean that diseases, or their carriers, may be able to move to areas that were previously too cold for them to survive. It is possible that a mild strain of malaria will become established in localised parts of the UK for up to four months of the year.

2.8 cm



Moved and rotated

In proportion

1.4 cm

Researchers have also identified other diseases, such as Lyme disease, cholera, dengue fever and yellow fever, that could spread into previously inhospitable areas and therefore affect a wider population. The weather has been shown to be associated with changes in birth rates, sperm counts, outbreaks in pneumonia, influenza and bronchitis.

## Looking ahead

Amended

Globally, there are likely to be more floods, more droughts and more storms, which will be accompanied by damage to our homes, food and water supplies and impact on our general health. An increase in flooding will promote the spread of water-borne diseases plus the growth of fungi, while droughts encourage white flies, locusts and rodents, all affecting food and water supplies and health. Climate change is likely to have an unequal impact on the world population. Those living in poor and developing countries are going to be less able to adapt to changes. The effects on general UK health are likely to be less severe than in other parts of the world. Health impacts are not likely to be confined to the human population - wildlife will also be severely affected.

2.8 cm

Saved as global2

Candidate name

2.5 cm

Columns balanced

Line



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