
This following appendix accompanies the article

**Public perceptions of unusually warm weather in the UK:
impacts, responses and adaptations**

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Appendix 1

QUESTIONNAIRE ON IMPACTS OF CLIMATE EXTREMES



1. What is your own experience of extreme weather in the UK?

(Please tick one box)

- | | |
|---|----|
| A I prefer unusually cold weather to unusually warm weather | 21 |
| B I prefer unusually warm weather to unusually cold weather | 66 |
| C I hardly notice extreme weather | 4 |
| D No opinion | 5 |

You can probably remember a hot and dry summer in recent years. Please think about this unusual summer, and answer the following questions.

2. In your everyday life, which of the following was affected by the especially hot and dry summer? *(Please tick one box for each)*

	<i>very unfavourably</i>			<i>very favourably</i>	<i>Can't remember/Doesn't apply/Missing</i>			
A Personal comfort	16	25	11	30	15	1	1	3
B Activities at work, college, or school	16	28	18	14	6	1	13	4
C Housework	13	29	26	14	6	0	9	2
D Outdoor leisure activities	9	13	8	32	34	0	2	3
E Health	3	12	29	25	29	0	0	2
F Everyday travel	11	26	22	26	8	0	3	3
G Air quality	18	27	27	18	5	2	1	2
H Water use	3	10	25	35	26	0	1	3
I Home energy use	42	20	16	10	9	0	1	2

J. Other *(please say what it is):*

9% responded.....

-2	-1	0	1	2
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3. Which of the effects in Question 2 was the most important one for you?

(Please state the letter)

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Most common response was A (29%)

4. How do you feel when the weather is very hot in terms of mood, energy outlook etc.?

depressed	<i>very</i>	3	13	12	32	37	<i>very</i>	cheerful	<i>Don't know/Missing</i>	0	2
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5. Did you change the way you travelled during the especially hot and dry summer weather?

(Please tick one box for each means of travelling)

	<i>much less</i>				<i>much more</i>		<i>Can't remember/Doesn't apply/Missing</i>		
A Public transport use	10	6	33	4	1		1	34	11
B Private car use	4	17	41	13	6		0	13	6
C Motorbike/scooter use	1	0	16	1	2		0	65	15
D Bicycle use	0	1	13	12	10		0	50	14
E Walking	3	10	20	32	26		1	3	5

6. During the especially hot and dry summer weather, did you change your use of the following?

(Please tick one box for each)

	<i>much less</i>				<i>much more</i>		<i>Can't remember/Doesn't apply/Missing</i>		
A Beaches	3	1	29	23	16		1	24	4
B Swimming pools	1	2	37	18	12		0	26	4
C Countryside (e.g. forests, National Parks, rivers, lakes)	1	2	18	42	25		1	11	2
D Outdoor sports facilities (e.g. for tennis, athletics etc.)	4	3	25	18	13		1	32	5
E Indoor sports centres	7	6	39	5	0		1	37	6
F Theatres/cinemas/museums	10	14	42	9	1		1	19	5
G Indoor restaurants/bars	8	17	41	13	2		0	14	5
H Open air restaurants/bars	2	2	22	33	22		0	15	4

I Other (please say what it is):

4% responded.....

-2	-1	0	1	2
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7. Did you take fewer or more day trips during the hot and dry summer compared to a normal summer?

(Please tick one box)

<i>many fewer</i>					<i>many more</i>		<i>Can't remember/Doesn't apply/Missing</i>		
5	10	24	34	18	2	7	1		

8. Did you take fewer or more weekend or short holiday breaks (2-3 days) during the hot and dry summer?

(Please tick one box)

<i>many fewer</i>					<i>many more</i>		<i>Can't remember/Doesn't apply/Missing</i>		
4	5	40	25	8	1	16	2		

9. Did the hot summer influence your main summer holiday plans?

(Please tick all which apply)

A Yes, I altered my holiday plans for the same year	10
B Yes, I altered my holiday plans for the following year	2
C No, I didn't change my plans	82
D I don't recall	5

10. If your answer to Question 9 is *Yes* (A or B) in what way(s) did you change your plans?

(Please tick all which apply)

A Stayed at home instead of going away	5
B Went away instead of staying at home	2
C Stayed in the UK instead of going abroad	7
D Went abroad rather than remaining in the UK	1
E Changed the timing of my main holiday	5
F Took more days holiday	4
G Other (<i>please say what it is</i>):	0

.....

11. Perhaps you remember which unusually hot and dry summer you have been thinking about?

(Please tick the appropriate box)

1990	1991	1992	1993	1994	Other?.....4
2	1	1	1	3	
1995	1996	1997	1998	Can't remember 33 Missing 15	
10	9	20	2		

12. Did you make any permanent changes to your lifestyle as a result of the hot and dry summer?

(Please tick any which apply)

A I spend more time outdoors	48
B I avoid the sun more	32
C I drive the car less	20
D I drive the car more	6
E I eat more fruit and salad	51
F I try to use less water	26
G I grow different plants in my garden	14
H I take my main holiday at a different time of the year	12
I I am more likely to spend my holidays in the UK	27
J I go abroad for my holiday more often	3
K Other (please say what it is):	4

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13. For the country as a whole, how do you think each of the following was affected by the hot, dry summer weather? (Please tick one box for each)

	<i>very unfavourably</i>					<i>very favourably</i>					<i>Can't remember/Doesn't apply/Missing</i>		
A Hospitals and medical services	13	32	23	12	2	5	4	9					
B Agriculture	23	28	10	19	7	2	3	8					
C Water supply	59	26	4	2	3	0	2	4					
D Road traffic	34	35	11	5	4	2	2	8					
E Air quality	39	37	10	3	3	2	2	4					
F Countryside and wildlife	8	32	20	21	7	2	2	9					
G Productivity at work	13	35	18	11	4	2	6	11					
H Leisure and tourism	0	2	4	23	59	2	2	6					
I The UK economy	0	4	26	32	19	5	3	12					
J Outdoor fires	<i>many fewer</i>					<i>many more</i>							
	5	10	9	23	43	2	3	6					
K Crime and public disorder	<i>much less</i>					<i>much more</i>							
	4	12	30	22	16	5	3	9					

For the next set of questions, we would like you to remember an unusually warm winter in the last few years. Please think about this unusual winter and answer the following questions.

20. In your everyday life, which of the following was influenced by the unusually warm/mild winter ?

(Please tick one box for each)

	<i>very unfavourably</i>					<i>very favourably</i>					<i>Can't remember/Doesn't apply/Missing</i>		
A Personal comfort	2	9	13	45	24	3	0	4					
B Everyday travel	1	3	20	40	25	2	3	6					
C Outdoor leisure activities	2	5	19	36	20	2	9	8					
D Winter sports (e.g. skiing)	10	9	19	2	1	2	43	14					
E Winter "atmosphere"	13	18	22	21	9	4	3	10					
F Health	6	10	29	34	14	3	1	4					
G Air quality	3	11	39	26	10	5	0	6					
H Home energy use	<i>much less</i>					<i>much more</i>					1	0	4
I Pests (insects, mice, etc.)	<i>many fewer</i>					<i>many more</i>					6	7	7
J. Other (please say what it is)													
3 % responded.....						-2	-1	0	1	2			

21. Which of the effects in Question 20 is the most important one for you?

(Please state the letter)

Most common response was A (32%)

22. How do mild winters make you feel in terms of mood, energy, outlook etc?

	<i>very</i>					<i>very</i>					<i>Don't know/Missing</i>	
depressed	2	9	21	34	28	cheerful	3	3				

23. Perhaps you remember which unusually warm winter you have been thinking about?

(Please tick the appropriate box):

88/89	90/91	92/93	94/95	96/97	Other?.....0
1	1	0	1	4	
89/90	91/92	93/94	95/96	97/98	Can't remember 43 Missing 11
0	0	0	3	36	

Could you please provide us with some information about yourself?

1. What is the name of the village/town and county where you live?

2. During the hot summer mentioned earlier, were you living in the same place? If not, please name the village/town and county where you lived then.

3. Are you:

Male	45	Female	54
Missing	1		

4. Which age group do you belong to:

A 16-24	6	F 55-64	14
B 25-34	18	G 65-74	13
D 35-44	22	H 75+	6
E 45-54	20		

5. Which of the following best describes you:

(Please tick all which apply)

	<i>Now</i>	<i>At the time of the hot summer you identified earlier</i>
A Student	4	4
B Looking after family or home	13	11
C Employed	40	34
If employed, please give occupation:		
.....		
D Seeking work	2	0
E Retired	23	9
F Long-term sick or disabled	4	1
G Other <i>(please say what it is):</i>	2	1
Missing	13	40
.....		

6. Do you have a chronic respiratory condition such as asthma or emphysema?

Yes	10	No	89
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7. During the daytime of this hot summer, were you mainly:

(Please tick one box)

A Outdoors	45
B Indoors without air conditioning	37
C Indoors with air conditioning	9
D Can't remember	5
Missing	5

8. During the hot summer you identified (Please tick all which apply),

	Did you:	Do you now?
A Keep a garden/allotment?	64	53
B Own/share a car?	73	57
C Have air conditioning in your car?	13	13

9. How many people live in your household?

(Please state the number):

Most common response was 2 people (40%)

10. How many children (under 16) live in your household?

(Please state the number):

Most common response was 0 children (69%)

Many thanks for giving up your time. Please post your completed questionnaire to us in the stamped envelope provided, to arrive by Friday 23 October 1998. We will be producing a summary of the results from the survey early in 1999. If you would like to receive this summary, please fill in the accompanying slip. Return it with the questionnaire, or separately if you wish to be certain of remaining anonymous.