

Severe Weather Drives Climate Concerns

August 2021 American Climate Perspectives Survey - Toplines
 Fielded July 7th - July 8th, 2021

NATIONAL
 (%)
 N= 1,109

Has severe weather made you more concerned about climate change?

Yes, a lot.....	44
Yes, some.....	34
No.....	22
 Total yes.....	 78

NATIONAL	Rep	Indep	Dem
(%)	(%)	(%)	(%)
N= 1,109	258	309	437

How much do you think climate change is strengthening or increasing the frequency of these extreme weather events?

A lot more.....	42	20	40	59
Somewhat more.....	34	38	36	30
Somewhat less.....	5	6	5	4
A lot less.....	3	4	3	2
The same.....	16	32	16	6
 Total more.....	 76	 58	 76	 88

American Climate Perspective Survey – August 2021

NATIONAL (%) N=1,109	Rep (%) 258	Indep (%) 309	Dem (%) 437	West (%) 256	Midwest (%) 284	South (%) 309	Northeast (%) 260
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Have you noticed more severe weather (either locally or nationally) in the past few years?

Extreme heat/heat waves

A lot more	43	29	42	54	54	34	40	47
Somewhat more	35	38	35	33	30	43	34	34
Somewhat less	5	7	4	5	3	8	4	4
A lot less	2	0	3	2	3	3	1	2
The same as before	15	26	16	6	11	13	21	12
 Total more	 79	 67	 78	 87	 83	 77	 74	 82

Wildfires

A lot more	42	32	39	51	56	36	38	40
Somewhat more	29	32	32	26	25	33	29	29
Somewhat less	5	6	5	6	5	6	5	5
A lot less	5	5	4	5	4	5	7	3
The same as before	18	25	20	11	9	19	21	23
 Total more	 71	 64	 71	 77	 82	 69	 67	 69

Flood

A lot more	24	18	19	32	22	20	26	27
Somewhat more	38	30	42	40	34	38	38	41
Somewhat less	8	9	6	9	9	11	8	6
A lot less	5	3	5	4	6	4	6	3
The same as before	25	39	28	15	29	27	22	23
 Total more	 62	 48	 61	 73	 57	 58	 64	 68

American Climate Perspective Survey – August 2021

Hurricanes

A lot more	24	17	22	32	23	20	28	25
Somewhat more	36	32	37	37	34	35	37	37
Somewhat less	7	7	7	7	7	10	6	6
A lot less	4	3	4	4	4	4	4	4
The same as before	29	41	30	20	31	31	26	28
 Total more	 60	 49	 59	 69	 57	 54	 65	 62

Tornadoes

A lot more	15	12	12	20	15	14	19	13
Somewhat more	36	25	37	43	32	35	36	40
Somewhat less	11	11	10	9	10	14	8	9
A lot less	4	5	3	4	5	5	3	3
The same as before	35	46	38	24	38	32	34	35
 Total more	 51	 37	 48	 63	 47	 49	 55	 53

NATIONAL
(%)
N=1,109

Generally speaking, do you think of yourself as a Republican, a Democrat, an Independent, or something else?

Republican	23
Independent	39
Democrat	28
Something else	9

American Climate Perspective Survey – August 2021

NATIONAL
(%)
N=1,109

Which region of the United States do you live in?

West.....	23
Midwest.....	26
South	28
Northeast.....	32

DEMOGRAPHICS

Age

< 18	0
18 - 29.....	28
30 - 44.....	21
45 - 60.....	31
> 60	20

Gender

Male.....	46
Female.....	54

Household Income

\$0 - \$9,999	8
\$10,000 - \$24,999.....	10
\$25,000 - \$49,999.....	18
\$50,000 - \$74,999.....	18
\$75,000 - \$99,999.....	14

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\$100,000 - \$124,999	10
\$125,000 - \$149,999	4
\$150,000 - \$174,999	3
\$175,000 - \$199,999	1
\$200,000 +	5
Prefer not to answer	10

Region

New England	5
Middle Atlantic	16
East North Central	13
West North Central	8
South Atlantic	19
East South Central	5
West South Central	8
Mountain	7
Pacific	16

Methodology

ecoAmerica designed and administered this survey, which was conducted online July 7-8, 2021 using Survey Monkey. The survey yielded a total of 1,109 adult responses. The sample was drawn from an online panel and the respondents were screened to ensure that they were over the age of 18. The margin of error for the sample is +/-3%. In interpreting the survey results, it is important to note that all sample surveys are subject to possible sampling error. Thus, the results of a survey may differ from the results that would be obtained if the entire population was interviewed. The size of the sampling error depends upon both the total number of respondents in the survey and the percentage distribution of the responses to a particular question. For example, if 50% of the respondents in a sample of 1,109 respondents answered, “Yes” to a particular question, we can be 95% confident that the true percentage would fall within 3 points, or range from 47% to 53%.

Suggested Citation

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