

# Extreme Events and Attribution

**Sample Reminder: All sample respondents should be 25 years old or older. This is a national sample with an oversample in Texas and California.**

*#Programming instruction: I would like this just to be text introducing the questions.*

**We are going to start by asking you some questions about a high impact weather event that took place in 2021 - Winter Storm Uri. Winter Storm Uri was an ice storm that hit Texas and other parts of the midwest. Please answer the questions to the best of your ability.**

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*#Programming instruction: I would like this to be an open-ended question 5 number entry.*

[Q1] {open ended 5 digits; zipcode2021}

**In February 2021, what zip code did you live in?**

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*#Programming instruction: Multiple choice. Randomize the answer options.*

[Q2] {multiple responses; Uriexperience}

**How do you know about the 2021 cold snap caused by Winter Storm Uri that caused damage and electricity outages? Check all that apply.**

<1> I was impacted by Winter Storm Uri.

<2> I had friends and/or family who experienced the storm's impacts.

<3> I heard about the storm from the media such as the news or social media.

<4> I do not know anything about this storm.

*#Programming instruction: Only ask Q3-Q7 if indicated <1> to Q2*

*#Programming instruction: I would like these questions asked as a grid*

**Please check all impacts below that you recall experiencing from the February 2021 cold snap caused by Storm Uri**

[Q3] {single choice; Uriimpactelectric} Lost electrical power

[Q4] {single choice; Uriimpactdrinking} Lost drinkable water

[Q5] {single choice; Uriimpactinternet} Lost internet service

[Q6] {single choice; Uriimpactfoodaccess} Difficulty obtaining groceries/food

[Q7] {single choice; Uriimpactrunningwater} Lost running water

<1> Did not happen

<2> Not serious

<3> Somewhat serious

<4> Very serious

<5> Extremely serious

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*#Programming instruction: Only ask Q8-13 if indicated to Q2 answer <1>*

*#Programming instruction: I would like these questions asked as a grid*

**Please check any additional impacts below that you recall experiencing from the February 2021 cold snap caused by Storm Uri**

[Q8] {single choice; Uriimpacteconomic} Economic damages

[Q9] {single choice; Uriimpactfoodspoiled} Spoiled food

[Q10] {single choice; Uriimpactcellphone} Lost cell phone service

[Q11] {single choice; Uriimpactdamagehome} Water damage to residence

[Q12] {single choice; Uriimpactinjuryself} Injury or illness to self

[Q13] {single choice; UrinimpactImpactother} or illness to family or friend

<1> Did not happen

<2> Not serious

<3> Somewhat serious

<4> Very serious

<5> Extremely serious

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#Programming instruction: Respondent can choose multiple options.*

*#Programming instruction: Respondents selecting 7 can write in open-ended answer*

[Q14] {multiple choices; Uricauses} **Which of the following do you believe caused the electricity grid failure and resulting blackouts during the winter storm Uri in February 2021? Select all that apply.**

<1> Severe cold snap

<2> The independence of the Texas electric grid

<3> Lack of weatherization/winterization of power generators

<4>Lack of weatherization/winterization of natural gas industry

<5>Reliance on wind and solar energy

<6>Lack of oversight of power generation plants

<7>Other \_\_\_\_\_

<9>I don't know

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#Programming instruction: Multiple choice, single answer*

[Q15] {single response; UriCCcausebelief} **Please indicate the statement that most accurately reflects your belief about the role of climate change in cold snaps like those that occurred with Winter Storm Uri.**

Options

<1>Human caused climate change is not related to winter storms at all.

<2>Human caused climate change is a minor cause of winter storms.

<3>Human caused climate change is a major cause of winter storms.

<4>I don't know

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#Programming instruction: I would like these questions asked as a grid*

*#Multiple choice, single option*

**Below are some statements that were made in the media coverage of winter storm Uri and the related electricity outage. Please indicate your level of agreement or disagreement with these statements.**

[Q16] {single response, uripowrplantfaultagreement} **"The inability of power plants to perform in the extreme cold was the No. 1 cause of the outages."**

[Q17] {single response, urirennewablefaultagreement} **"The Texas grid has become dependent on unreliable wind and solar which is largely to blame for this critical shortfall of electricity during high storm demand."**

[Q18] {single response, urilawmakersfaultagreement} **"Texas regulators and lawmakers knew about the electric grid's vulnerabilities for years and caused this disruption in power."**

[Q19] {single response, urigreedygasfaultagreement} **"While millions of Texans endured power cuts, the state's gas producers contributed to fuel shortages, allowing pipelines and traders to profit handsomely off them."**

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#Programming instruction: Multiple choice, single answer*

[Q20] {single response; Uripublicofficials} **How well do you think public officials handled Winter Storm Uri?**

- <1> Very well
- <2> Moderately well
- <3> Neither well nor badly
- <4> Quite badly
- <5> Very badly

<6> I don't know

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#programming instructions: multiple choice, display as grid*

**In your view, how much blame should be placed on the following for the harm caused by Winter Storm Uri?**

[Q21] {single response; Uribidenblame} President Biden

[Q22] {single response; Uricongressblame} Federal Congress

[Q23] {single response; UriAbbottblame} Texas Governor Greg Abbott

[Q24] {single response; Uriindustryblame} Energy Utility industry

[Q25] {single response; Urifemablame} Public officials at Federal Emergency Management Administration (FEMA)

[Q26] {single response; Uriercotblame} Electricity Reliability Council of Texas (ERCOT - Texas electric grid manager)

[Q27] {single response; Uripucblame} Public utilities commission of Texas (oversees ERCOT)

Options:

<1> Very much to blame

<2> Moderately to blame

<3> Very little to blame

<4> Not at all to blame

<5> I don't know

*#programming instructions: Do not show question to those who have answered Q2 with response <4>*

*#Programming instruction: I want this set of questions displayed in a grid*

*#Programming instruction: Multiple choice; single response*

**In your view, which *organizations or people are responsible for fixing the harms caused by Winter Storm Uri?***

[Q28]{single response; Uribidenresponsible} President Biden

[Q29] {single response; Uricongressresponsible} Federal Congress

[Q30] {single response; UriAbbottresponsible} Texas Governor Greg Abbott

[Q31] {single response; Uriindustryresponsible} Energy utility industry

[Q32] {single response; Urifemaresponsible} Public officials at Federal Emergency Management Administration (FEMA)

[Q33] {single response; Uriercotresponsible} Electricity Reliability Council of Texas (ERCOT - Texas electric grid manager)

[Q34] {single response; Uripucresponsible} Public utilities commission of Texas (oversees ERCOT)

Options

<1> Very responsible

- <2> Moderately responsible
- <3> A little responsible
- <4> Not at all responsible
- <5> I don't know

*#Programming instruction: Multiple choice; multiple response*

**[Q35] Do you know about any other extreme winter or ice storms that have occurred since Winter Storm Uri in 2021? Check all that apply.**

{multiple responses allowed; postUriwinterstormimpact}

- <1> Yes - I have been impacted impacted directly by extreme winter storm(s) since 2021
- <2> Yes - I had friends and/or family who have been extreme winter storm(s) since 2021
- <3> Yes- I have heard about other extreme winter storm(s) since 2021 from the news or social media
- <4> I do not know anything about other extreme winter storm(s) after 2021

*#Programming instruction: Multiple choice; single response*

**[Q36]{single response; icestormincreasebelief} I believe extreme winter and ice storms like Uri are going to happen more often in the future**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*# Programming instruction: Multiple choice, single answer*

**[Q37] {single response; icestormconcern} How concerned are you about more frequent and intense winter storms in the future?**

options

- <1> Not concerned at all
- <2> A little concerned
- <3> Moderately concerned
- <4> Very concerned

*Programming instructions: Multiple choice; multiple responses*

*Programming instructions: For the <otheruriresponses> I want people to be able to fill in their own answers*

[Q38] {multiple options can be selected; uriresponse} **What actions have you taken to respond to future winter storms like Uri or others? Select all that apply.**

Options

<induriresponse> I took actions to prepare for and protect myself from future extreme winter storm events and its impacts such as stocking up on food and water or purchasing a generator for my home

<commuriresponse> I took actions to support my community and help protect them from future winter storm events such as participating in storm planning

<policyuriresponse> I changed my voting priorities and the policies I support to address future winter storm impacts

<noactionuriresponse> I took no actions in response to Uri

<otheruriresponses> Other \_\_\_\_\_

*#Programming instruction: Write text to introduce a new set of questions*

**We are now going to ask you some questions about another high impact weather event from November 2018 - the major wildfire Camp Fire in Northern California that burned for 2 weeks and impacted several communities like Paradise, CA. Please answer these questions to the best of your ability.**

*#Programming instruction: I would like this to be an open-ended question for a 5 digit answer*

[Q39] {open ended; zipcode2018} **What zip code did you live in November 2018?**

\_\_\_\_\_

*#Programming instruction: Multiple choice, Respondent can choose multiple options.*

[Q40] {multiple choice; multiple responses; CFexperience} **How do you know about the 2018 Camp Fire wildfire in California ? Check all that apply.**

<1> I experienced Camp Fire's impacts directly.

<2> I had friends and/or family who experienced Camp Fire's impacts.

<3> I heard about Camp Fire from the media such as the news or social media.

<4> I do not know anything about the Camp Fire wildfire.

*#Programming instruction: Display [Q41-46] if [Q40] If were you impacted by the Camp Fire wildfire in California in 2018? = <1>*

*#Programming instruction: I would like these questions asked as a grid*

**Please check all impacts below that you experienced from the Camp Fire wildfire?**

- [Q41] {single choice; CFlosselectricimpact} Lost electrical power
- [Q42] {single choice; CFdrinkingwaterimpact} Lost drinkable water
- [Q43] {single choice; CFinternetimpact} Lost internet service
- [Q44] {single choice; CFfoodimpact} Difficulty obtaining groceries/food
- [Q45] {single choice; CFRunningwaterimpact} Lost running water
- [Q46] {single choice; CFeconomicimpact} Economic damages

- <1> Did not happen
- <2> Not serious
- <3> Somewhat serious
- <4> Very serious
- <5> Extremely serious

*#Programming instruction: Display [Q47-52] if [Q40] If Were you impacted by the Camp Fire wildfire in California in 2018? = <1>*

*#Programming instruction: I would like these questions asked as a grid*

**Please check all impacts below that you experienced from the Camp Fire wildfire?**

- [Q47] {single choice; CFspoiledfoodimpact} Spoiled food
- [Q48] {single choice; CFcellphoneimpact} Lost cell phone service
- [Q49] {single choice; CFfiredamageimpact} Fire damage to residence
- [Q50] {single choice; CFairqualityimpact} Poor air quality impacts for self or family
- [Q51] {single choice; CFphysicalharmimpact} Injury or illness to self
- [Q52] {single choice; CFphysicalharmotherimpact} Injury or illness to family or friend

- <1> Did not happen
- <2> Not serious
- <3> Somewhat serious
- <4> Very serious
- <5> Extremely serious

*# Programming instruction: Multiple choice; multiple answers allowed*

*# Randomize answers except leave I don't know and Other last*

*#Proprogramming instruction Do not display if [Q40] How do you know about the 2018 Camp Fire wildfire in California in California in 2018? = <4>*

[Q53] {CFcauses; multiple responses allowed} **Which of the following do you believe caused the 2018 Camp Fire wildfire and impacts? Select all that apply.**

Options

**Extreme drought as a result of climate change** <cfCCdroughtcause>

**Forest service policy to reduce logging and not clear forests** <cfforestpolicycause>

**Sparks from electrical lines** <cfelectriclinescause>

**Naturally occurring drought** <cfnatdroughtcause>

**People's homes too close to forests** <cfhouseloccause>

**High winds** <highwinds>

**Human-set fires on purpose or by accident** <cfhumansetfirecause>

**I don't know** <cfdontknowcause>

**Other** <cfccothercauses> \_\_\_\_\_

*#Programming instruction Do not display if [Q40] If Were you impacted by the Camp Fire wildfire in California in 2018? = <4>*

*#Programming instruction: Multiple choice, single answer [Q55] {single response; CFpublicofficial}*

**How well do you think public officials handled California wildfire Camp Fire?**

<1> Very well

<2> Moderately well

<3> Neither well nor badly

<4> Quite badly

<5> Very badly

<6> I don't know

*#Proprogramming instruction Do not display if [Q40] If Were you impacted by the Camp Fire wildfire in California in 2018? = <4>*

*#Programming instruction: I want this set of questions displayed in a grid*

*#Programming instruction: Multiple choice; single answer*

**In your view, how much should the following be blamed for the harm caused by the California wildfire Camp Fire?**

[Q56] {single response; CFtrumpblame} President Trump

[Q57] {single response; CFbidenblame} President Biden

[Q58] {single response; CFcongressblame} Congress

[Q59] {single response; CFcagovernorblame} Governor of California

[Q60] {single response; CFfemablame} Public officials at Federal Emergency Management Administration (FEMA)

[Q61] {single response; CFusfsblame} US Forest Service

[Q62] {single response; CFpgeblame} Pacific Gas and Electric Utility

Options

<1> Very much to blame

<2> Moderately to blame

<3> Very little to blame

<4> Not at all to blame

<5> I don't know

*#Proprogramming instruction Do NOT display if [Q40] If Were you impacted by the Camp Fire wildfire in California in 2018? = <4>*

*#Programming instruction: I want this set of questions displayed in a grid*

*#Programming instruction: Multiple choice; single answer*

**In your view, how much are the following people or organizations responsible for fixing the harms caused by the California wildfire Camp Fire?**

[Q63] {single response; CFtrumpresponsible} President Trump

[Q64] {single response; CFbidenresponsible} President Biden

[Q65] {single response; CFcongressresponsible} Congress

[Q66] {single response; CFcagovresponsible} Governor of California

[Q67] {single response; CFfemaresponsible} Public officials at Federal Emergency Management Administration (FEMA)

[Q68] {single response; CFusfsresponsible} US Forest Service

[Q69] {single response; CFpgeresponsible} Pacific Gas and Electric Utility

Options

<1> Very responsible

<2> Moderately responsible

<3> A little responsible

<4> Not at all responsible

<5> I don't know

*#Programming instruction; multiple choice; single option*

[Q70] {single response; post2018WFimpact}

**Do you know about any wildfires that have occurred anywhere in the US since 2018?**

**Check all that apply.**

<1> Yes - I have been impacted directly by the wildfires occurring in the US since 2018

<2> Yes - I had friends and/or family who have been impacted by the wildfires occurring in the US since 2018

<3> Yes- I have heard about wildfires in the US since 2018 from the news or social media

<4> I do not know anything about wildfires in the US since 2018

*#Programming instruction: Multiple choice; single option*

[Q71] {single response; SoCal2025WFexperience}

**Do you know about the wildfires that have recently occurred in Southern California near Los Angeles and surrounding areas in early January 2025? Check all that apply.**

<1> Yes - I have been impacted directly by the wildfires occurring in southern California in 2025

<2> Yes - I had friends and/or family who have been impacted by the wildfires occurring in southern California in 2025

<3> Yes- I have heard about the 2025 southern California wildfires from the news or social media

<4> I do not know anything about wildfires in southern California in 2025

*Programming instructions: Do not display if Q71 = <4>*

*#Programming instruction: Multiple Choice; multiple responses can be chosen*

*#Programming instruction: Options should be displayed randomly with*

*<SoCal2025dontknowcause> and <SoCal2025othercauses> being fixed as the last two choices.*

[Q72] {multiple responses; SoCal2025WFcause}

**Which of the following do you believe caused the 2025 Los Angeles wildfires and impacts? Select all that apply.**

*Options*

Extreme drought as a result of climate change <SoCal2025CCdroughtcause>

Forest service policy to reduce logging and not clear forests <SoCal2025forestpolicycause>

Sparks from electrical lines <SoCal2025electriclinescause>

High winds <SoCal2025highwinds>

Naturally occurring drought <SoCal2025natdroughtcause>

People's homes too close to forests <SoCal2025houseloccause>

Human-set fires on purpose or by accident <SoCal2025humansetfirecause>

I don't know <SoCal2025dontknowcause>

Other <SoCal2025ccothercauses> \_\_\_\_\_

*#Programming instruction: Multiple choice; Single answer*

[Q73] {single response; wfincreasebelief}

**I believe wildfires like Camp Fire, the Los Angeles fires and others are going to happen more often in the future**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#Programming instruction: Multiple choice, single answer*

[Q54] {single response; CFCCcausebelief} **Please indicate the statement that most accurately reflects your belief about the role of climate change in causing the drought associated with wildfires like Camp Fire and the more recent wildfires?**

Options

- <1> Human caused climate change is not related to California's wildfires at all.
- <2> Human caused climate change is a minor cause of California's wildfires.
- <3> Human caused climate change is a major cause of California's wildfires.
- <4> I don't know

*#Programming instruction: Display as a grid.*

*#Programming instruction: Multiple choice. Single response.*

*#Programming instruction: Print text statement below*

**State your level of support for each of these wildfire spending policies.**

Q74]{single response; wfhomecolladaptsupport} **Money for people for "home hardening" to reduce the risk of damage from future wildfire.**

[Q75] {single response; wfcollmitigatesupport} **Money for actions that reduce the risk of future wildfires from occurring.**

Options

- <1> strongly oppose
- <2> moderately oppose
- <3> slightly oppose
- <4> neither oppose nor support
- <5> slightly support

<6> moderately support

<7> strongly support

*#Programming instruction: Multiple choice. Multiple options allowed.*

[Q76] {multiple response; WFresponse} **What actions have you taken that are related to wildfires? Select all that Apply.**

Options

<movedwfresponse> I permanently left an area that was impacted by wildfires.

<anticipatorymovewfresponse> I left where I was because I thought I might be impacted by future wildfires like Camp Fire

<indprotwfresponse> I took actions to prepare for and protect myself from future high impact wildfires like clearing vegetation on my property.

<communityprotwfresponse> I took actions to support my community in efforts to protect them from future wildfire events

<votingwfresponse> I changed my voting priorities and the policies I support to address wildfire causes and impacts.

<noactionwfresponse> I took no actions in response to wildfires

<otherwfresponse> I took other actions in response to the wildfires not listed here

*# Programming instruction: Multiple choice, single answer*

[Q77] {single response; WFconcern} **How concerned are you about more frequent and intense wildfires in the future?**

options

<1> Not concerned at all

<2> A little concerned

<3> Moderately concerned

<4> Very concerned

*# New Section*

*#Programming instruction: I want this programmed as a statement at the beginning of this section.*

**We are now going to ask you about your life and how you learn about extreme weather events.**

*#Programming instruction: I want this displayed as a multiple choice question.*

[Q78] {single response; frequencyexweathertalk} **How often do you discuss high impact extreme weather events with your family and friends?**

Options

<1> Never

<2> Rarely (at least once a year)

<3> Occasionally (at least once a month)

<4> Often (at least once a week)

*#Programming instruction: I want this question displayed as multiple choice if Q76=rarely, occasionally and often (2,3,4) are selected ONLY.*

*#Programming instruction: Multiple choice; Multiple responses allowed.*

[Q79] {multiple response; ccinexweathertalk} **Choose the statement(s) that most often characterize how climate change is discussed in your conversations on extreme weather (check all that apply):**

Options

<ccnotdisc> **Climate change is not discussed at all**

<ccnotcause> **Climate change is not seen as playing a role in extreme weather events**

<cccause> **Climate change is talked about as a possible cause of extreme weather events**

<ccuncertaincause> **Climate change is discussed as a likely cause of extreme weather events**

<ccuncertaincause> **Climate change is discussed as a certain cause of extreme weather events**

*#Programming instruction: Multiple choice.*

[Q80] {single option, ccbelief} **Do you think that climate change is happening?**

- <1> Yes
- <2> No
- <3> Maybe
- <4> I don't know

*#Programming instruction: Multiple choice question.*

*#Programming instruction: Display this question if [Q78] Do you think that climate change is happening = Yes or Maybe <1> or <3>*

[Q81] {single option; cccertainty} **How sure are you that human caused climate change is happening?**

- Options
- <1> Not sure at all
  - <2> Somewhat sure
  - <3> Very sure
  - <4> Extremely sure
  - <5> I don't know

*#Programming instruction: Multiple choice question.*

*#Programming instruction: Display this question if Q78 Do you think that climate change is happening = <2> No.*

[Q82] {single option; ccuncertaintynothappening} **How sure are you that climate change is not happening?**

- Options
- <1> Not sure at all
  - <2> Somewhat sure
  - <3> Very sure
  - <4> Extremely sure
  - <5> I don't know

*#Programming instruction: Multiple choice question.*

[Q83] {single option; ccconcern} **How concerned are you about climate change?**

Options

- <1> Not concerned at all
- <2> Not too concerned
- <3> Somewhat concerned
- <4> Very concerned
- <5> I don't know

*#Programming instruction: Display this as a multiple choice.*

[Q84] {single response; socialccconcern} **On average, how concerned are the people that are important to you about climate change and its impacts?**

Options

- <1> Not concerned at all
- <2> A little concerned
- <3> Moderately concerned
- <4> Very concerned

*#Programming instruction: Display this as a multiple choice.*

[Q85] {single response; frequencyweathermedia} **About how often do you hear about extreme weather events from the media (social media, TV, movies, radio, newspapers/news websites, magazines, etc.)?**

Options

- <1> Never
- <2> Rarely (at least once a year)
- <3> Occasionally (at least once a month)
- <4> Often (at least once a week)

*#Programming instruction: Display as multiple choice. Allow up to 3 to be selected. Display answers in random order.*

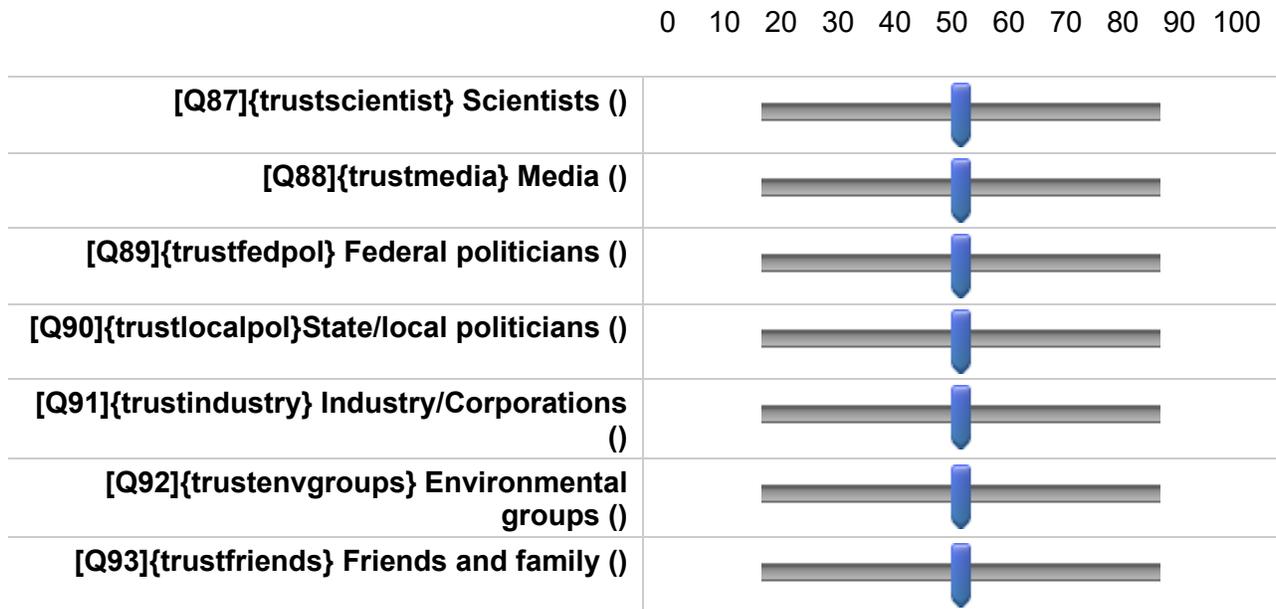
[Q86] {sourceexweatherinfo} **Who do you get most of your information about extreme weather events from? Choose up to three.**

- <1> Friends and family
- <2> Neighbors/Community leaders
- <3> Local news
- <4> National news
- <5> Federal government agencies
- <6> State government agencies
- <7> Local politicians
- <8> Environmental organizations
- <9> Weather apps

*#Programming instruction: Display as a grid question. #Programming instruction: We are concerned about anchoring – can there be no starting bar until the person touches the slide? If not – can this be set to zero rather than 50 as it is in this picture?*

*#Programming instruction: Display as scale 0 to 100*

**On a scale of 0 to 100, 0 being no trust at all and 100 being trust completely, how much do you trust the following groups to give you accurate information about extreme weather events ?**



*#Programming instruction: Multiple choice. Reverse order display randomly.*

[Q94] {single response; infoaccuracy} **I feel like the information I get about high impact weather events like winter storms, flooding events, and wildfires is \_\_\_\_\_**

Options

- <1> Very inaccurate
- <2> Moderately inaccurate
- <3> Slightly inaccurate
- <4> Slightly accurate
- <5> Moderately accurate
- <6> Very accurate
- <7> I don't know

*#Programming instruction: Multiple choice. Reverse order of choices randomly.*

[Q95] {single response; socnetworkscatt} **On average, most of the people that are important to me think extreme weather events are caused *in part* by climate change.**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#Programming instruction: Multiple choice question.*

[Q96] {single response; mediaccatt} **Most media reports I listen to suggest that extreme weather events are caused *in part* by climate change.**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#Programming instruction: Multiple choice question.*

[Q97] {single response; polccattrib} **Politicians I vote for think that extreme weather events are caused in part by climate change.**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#Programming instruction: Display as a grid.*

*#Programming instruction: Multiple choice.*

*#PRogramming instruction: Display this text first.*

**Please indicate how much you agree with the following statements about scientists.**

[Q99] {single option; scienceneutrality}

**Scientists are a neutral source of information**

[Q99] {single option; scientistcertainty}

**Scientists sometimes overstate their certainty about what they know about a danger**

[Q100] {single option; scientisttrusted}

**Scientists should not be trusted more than other sources of information**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

*#Programming instruction: Display as a grid.*

*#Programming instruction: Multiple choice.*

**Please indicate how much you agree with the following statements about politicians**

[Q101] {single option; polblameshift}

**Politicians will shift blame about a natural disaster to get elected**

[Q102] {single option, polacceptresp}

**Politicians will take responsibility for the government's role in failing to help in a weather disaster**

Options

<1> Strongly disagree

<2> Moderately disagree

<3> Slightly disagree

<4> Neutral

<5> Slightly agree

<6> Moderately agree

<7> Strongly agree

<8> I don't know

*#Programming instruction: Display text*

**We will now ask you about actions and decisions you have made in your life in relation to high impact weather events and climate change and how you think about these actions.**

[Q103] {single option; emergencykitprep} **Has your household created an emergency kit in preparation for high impact weather events?**

<1> No

<2> Yes

[Q104] {single option; evacplanprep} **Has your household created an evacuation plan in preparation for high impact weather events?**

<1> No

<2> Yes

*#Programming instruction: Display as a grid.*

*#Programming instruction: Multiple choice. Single response.*

*#Programming: Print text statement.*

**To what extent, if any, do you support or oppose the following government mandates or measures aimed at addressing climate change or reducing its impact?**

[Q105]{single response; ccmitlectvehpolsupport} **Regulations to phase out sales of gas and diesel vehicles over the next 10 years and transition to all electric vehicles**

[Q106] {single response; ccmitrengenpolsupport} **Government subsidies of for installation of large-scale renewable energy generation facilities (e.g. solar farms or wind farms) in your area**

[Q107] {single response; ccadapthouselocpolsupport} **Regulatory limits on housing development in areas that will likely experience future extreme weather events (e.g. fire risk)**

[Q108] {single response; ccadaptccriskdisc} **Regulatory requirement of property risk assessments and disclosure of future extreme weather risk (e.g. fire risk) by homeowners, landlords, or developers**

Options

<1> strongly oppose

<2> moderately oppose

<3> slightly oppose

<4> neither oppose nor support

<5> slightly support

<6> moderately support

<7> strongly support

*#Programming instruction: I want this question displayed as a multiple choice. Order of answers randomized.*

[Q109] {single response; govtresponsibility} **Which government entity should be most responsible for keeping people safe during a high impact weather event?**

Options

<fedgovresp> **Federal government**

<stategovresp> **State government**

<localgovresp> **City/town government**

<unsuregovresp> **Not sure which level of government**

<notgovresp> **No government entity**

*#Programming instruction: Display as a grid.*

*#Programming instruction: Multiple choice.*

*#Programming instruction: Display text*

**Have you undertaken the following actions in the last 12 months?**

[Q110] {single option; polactionvote}

**Voting for candidates who support measures to reduce climate change**

[Q111] {single option; polactionvol}

**Volunteering with organizations working to reduce climate change**

[Q112] {single option; polactionmoney}

**Donating money to organizations working to reduce climate change**

[Q113] {single option; polactionprotest}

**Engaging in protests or rallies to reduce climate change**

Options:

<1> I DID DO this in the last 12 months

<2> I DID NOT DO this in the last 12 months

*#Programming instruction: Display as a grid.*  
*#Programming instruction: Multiple choice.*  
*#Programming instruction: Display text*

**How effective do you believe the following actions are at reducing climate change?**

[Q114] {single option; polactionvoteefficacy}

**Voting for candidates who support measures to reduce climate change**

[Q115] {single option; polactionvolefficacy}

**Volunteering with organizations working to reduce climate change**

[Q116] {single option; polactionmoneyefficacy}

**Donating money to organizations working to reduce climate change**

[Q117] {single option; polactionprotestefficacy}

**Engaging in protests or rallies to reduce climate change**

*#Programming instruction: Display as a grid.*  
*#Programming instruction: Multiple choice.*

**Text: Have you taken the following actions in the last 12 months?**

[Q118] {single option;persnlactgas}

**Driving less**

[Q119] {single option;persnlacthomeenergy}

**Reducing the energy use of my home**

[Q120] {single option;persnlactbeef}

**Eating less red meat**

Options:

<1> I DID DO this in the last 12 months

<2> I did NOT DO this in the last 12 months

*#Programming instruction: Display as a grid.*  
*#Programming instruction: Multiple choice*  
*#Programming instruction: Display text*

**How effective do you think each of the following actions is at reducing climate change?**

[Q121] {single option;persnlactgaseffect}

**Driving less**

[Q122] {single option;persnlacthomeenergyeffect}

**Reducing the energy use of my home**

[Q123] {single option;persnlactbeefeffect}

**Eating less red meat**

Options:

- <1> Not effective
- <2> A little effective
- <3> Very effective
- <4> Extremely effective

#Programming instruction: *Display as a grid.*

#Programming instruction: *Multiple choice.*

Text: **To what extent do you agree with the statements below?**

[Q124] {single option; humanefficacy}

**Humans can be successful in reducing climate change**

[Q125] {single option; stategovtefficacy}

**My state government does not have the ability to reduce climate change (reverse code)**

[Q126] {single option; localefficacy}

**My local government has the ability to reduce climate change**

[Q127] {Single option; federalefficacy}

**The federal government has the ability to reduce climate change.**

Options

- <1> Strongly disagree
- <2> Moderately disagree
- <3> Slightly disagree
- <4> Neutral
- <5> Slightly agree
- <6> Moderately agree
- <7> Strongly agree
- <8> I don't know

#Programming instruction: *Single option; multiple choice*

[Q128] {single option; potentialtochangecc} **How much do you think can be done to reduce the amount of future climate change?**

Options

- <1> Nothing
- <2> Very little
- <3> Some
- <4> A good amount
- <5> A great deal
- <6> I don't know

#Programming instruction: *Single option; multiple choice*

[Q129] {single option; potentialtochngeccimp} **How much do you think can be done to reduce climate change's impacts on people and the environment?**

Options

- <1> Nothing
- <2> Very little
- <3> Some
- <4> A good amount
- <5> A great deal
- <6> I don't know

#Programming instruction: multiple choice question; must select two

[Q130] {choose two options; prefdecarbon} **Below is a list of options to reduce greenhouse gases from our energy system. Please select the TWO of which you are MOST in favor.**

Options

- <1> Use ROOFTOP SOLAR panels to replace fossil fuels
- <2> Use large SOLAR FARMS to replace fossil fuels
- <3> Use nuclear energy to replace fossil fuels
- <4> Use on-land wind energy to replace fossil fuels
- <5> Use OFFSHORE WIND energy to replace fossil fuels
- <6> Use FOSSIL FUELS, capturing the emissions before they are released into the atmosphere

#Programming instruction: *Multiple choice; must choose 2 and only 2*

#Carry forward the four remaining unselected choices from Q122

[Q131] {choose two; notprefrddcarbon} **Below is a list of options to reduce greenhouse gases from our energy system. Please select the TWO of which you are LEAST in favor.**

Options

- <1> Use ROOFTOP SOLAR panels to replace fossil fuels
- <2> Use large SOLAR FARMS to replace fossil fuels
- <3> Use nuclear energy to replace fossil fuels
- <4> Use on-land wind energy to replace fossil fuels
- <5> Use OFFSHORE WIND energy to replace fossil fuels
- <6> Use FOSSIL FUELS, capturing the emissions before they are released into the atmosphere

#Programming instruction: Place text introducing last questions.

**We have just a few more questions and then the survey will be over.**

#Programming instruction. *Multiple choice; single option.*

[Q132] {single response; nedroughtknowledge} **Have you heard about the drought in the Northeast and Mid-Atlantic United States that occurred fall 2024?**

Option

<1> Yes – I have heard a lot

<2> Yes - I have heard some

<3> Yes – I have heard a little

<4> No - I have not heard anything

*#Programming instruction. Display for those answering Q124 with <1> , <2> and <3>*

*#Programming instruction. Multiple choice; single option*

[Q133] {single response; nedroughtcccause} **Please indicate the statement that most accurately reflects your belief about the role of climate change in droughts like the current Northeast/Mid-Atlantic drought conditions.**

<1> Human caused climate change is not related to northeast regional drought

<2> Human caused climate change is a minor cause of northeast regional drought

<3> Human caused climate change is a major cause of northeast regional drought

<4> I don't know

*#Programming instruction. Multiple choice; single option.*

[Q134] {single response; Heleneknowledge} **Have you heard about Hurricane Helene that hit North Carolina in late September 2024?**

Option

<1> Yes – I have heard a lot

<2> Yes - I have heard some

<3> Yes – I have heard a little

<4> No - I have not heard anything

*#Programming instruction. Display only for those answering Q126 with <1>, <2> and <3>*

*#Programming instruction. Multiple choice; single option*

[Q135] {single response; Helenecccause} **Please indicate the statement that most accurately reflects your belief about the role of climate change in Hurricanes like Helene?**

<1>Human caused climate change is not related to Hurricane Helene

<2>Human caused climate change is a minor cause of Hurricane Helene

<3>Human caused climate change is a major cause of Hurricane Helene

<4> I don't know

#Programming instruction: Open ended question.

[Q136] {open ended; zipcode2025} **What is the ZIP code for your current home address? (If you live in multiple places, please use the one where you spend the majority of the year.)**

#Programming instruction: End survey. Display following message.

**Thank you for taking this survey. Your time, knowledge and thoughts are deeply appreciated.**