2015 Oklahoma Weather, Society and Government Survey: M-SISNet Wave 8 (Fall 2015)

***n* = 2,636; (December 11, 2015—February 1, 2016; Fall 2015); Median Time = 34 min**

My name is Hank C. Jenkins-Smith, and I am a professor at the Center for Risk and Crisis Management at the University of Oklahoma. I am requesting that you volunteer to participate in a research study titled "Oklahoma Weather, Society and Government Survey."

Purpose of the Research Study
The purpose of this study is to measure perceptions of weather in Oklahoma and views on government policies and societal issues, and to understand how those perceptions and views might shape Oklahomans' uses of water and energy.

Number of Participants
Up to 7,000 people will take part in this study.

Procedures and Length of Participation
If you agree to participate in this study, you will be asked to respond to an Internet survey that should take an average of about 30 minutes to complete. You will be invited to respond to a similar Internet survey each quarter (four times per year) until May 2018.

Risks of being in the study
There are no risks associated with participation in this study.

Benefits of being in the study
There are no benefits associated with participation in this study.

Compensation
Should you complete the survey, you will receive a $10 gift card.

Confidentiality
The records of this study will be kept private. In published reports, there will be no information included that will make it possible to identify you as a research participant. Research records will be stored securely. The data will not include any information that would make it possible to identify you. Only approved researchers will have access to the records. There are organizations that may inspect and/or copy your research records for quality assurance and data analysis. These organizations include the OU Institutional Review Board.

Voluntary Nature of the Study

----------End Web Index pg----------

The study will ask questions about your observations on current issues, including your views on extreme weather and climatological issues such as severe thunderstorms, wind events, floods, droughts, and long-term weather patterns. In the unlikely event that any of these questions make you uncomfortable, in most cases you may skip that question and continue with the survey. In a few cases, we require responses to certain questions so that we know what to ask you in a follow-up question. You may also quit the survey at any time, should you desire to do so.

Contacts and Questions
If you have concerns or complaints about the research, I am the primary investigator conducting this study, and I can be contacted at the Center for Risk and Crisis Management at the University of Oklahoma, at (405) 325-1720 or at crcm@ou.edu. In the event of a research-related injury, contact the researcher(s). You are encouraged to contact the researcher(s) if you have any questions. If you have any questions, concerns, or complaints about the research and wish to talk to someone other than the individuals on the research team, or if you cannot reach the research team, you may contact the University of Oklahoma – Norman Campus Institutional Review Board (OU-NC IRB) at (405) 325-8110 or irb@ou.edu.

consent: Do you agree to participate in this study? [DROPDOWN LIST]

0 - No, I do not want to participate in this study
1 - Yes, I agree to participate in this study

[IF consent = 0, MOVE PARTICIPANT TO NEW PAGE WHICH STATES "**You have indicated that you do not want to participate in this study.** If you have reached this page by accident and do wish to participate in this study, please contact our technical support staff at: (405) 325-1720 or crcm@ou.edu."]

Please print this information sheet for your records. By providing information to the researcher, I am agreeing to participate in this research.

This research has been approved by the University of Oklahoma, Norman Campus IRB.

IRB Number: 3938

Approval date: 12/02/2015

This survey involves policy choices about complex issues. Lengthy interruptions in the survey will make it difficult to respond to some of the questions. As previously noted, the survey should take only about 30 minutes to complete, but we ask that you avoid long interruptions if possible.

Please review the following demographic information that you previously provided to our research team. If the information is the same, there is no need for any action. However, if as of today our records are incomplete or incorrect, please provide us with the correct information by using the boxes provided below. Thank you!
[QUESTIONS gender THRU commercial ARE PRE-POPULATED, WHERE AVAILABLE, WITH THE DATA THAT WAS COLLECTED DURING RECRUITMENT]

age: How old are you? [VERBATIM]

----------End Web pg ----------

[SHOW PAGE ONLY IF RESPONSE TO age IS < 18]
agescreen: To participate in this survey, you must be 18 years of age or older. Please verify your age before continuing. [VERBATIM]

[IF AN AGE < 18 IS ENTERED, MOVE PARTICIPANT TO NEW PAGE WHICH STATES "**You must be 18 or older to participate in the study**. To continue with the survey, or if you have reached this page by accident, please contact our technical support staff at: (405) 325-1720 or crcm@ou.edu." IF AN AGE > 18 IS ENTERED, RETURN TO SURVEY]

----------End Web pg ----------

gender: Are you male or female?
0 - Female
1 - Male

education: What is the highest level of education you have COMPLETED?
1 - Less than High School
2 - High School / GED
3 - Vocational or Technical Training
4 - Some College — NO degree
5 - 2-year College / Associate's Degree
6 - Bachelor's Degree
7 - Master's degree
8 - PhD / JD (Law) / MD

hispanic: Do you consider yourself to be Hispanic, Latino, or Spanish or to have Hispanic, Latino, or Spanish origins?
0 - No
1 - Yes

race: Which of the following best describes your race?
1 - White
2 - Black or African American
3 - American Indian or Alaska Native
4 - Asian
5 - Native Hawaiian or Pacific Islander
6 - Two or more races
7 - Some other race (please specify)
race_spec: [VERBATIM]

adults: ***Including yourself,*** How many ADULTS AGE 18 AND OLDER live in your household? [LIMIT TO NON-ZERO RESPONSE]
[VERBATIM] adults

children: How many CHILDREN AGE 17 AND YOUNGER live in your household?
[VERBATIM; REQUIRE NUMERIC RESPONSE]
children

----------End Web pg ----------

employment: Which one of the following BEST describes your current employment status?
1 - Not working and not seeking a job outside the home
2 - Not working outside the home, but seeking work
3 - Working part-time outside the home
4 - Working full-time outside the home
5 - Working full-time inside the home
6 - Working part-time inside the home
7 - Student
8 - Retired
9 – Disabled

----------End Web pg ----------

[SHOW QUESTION ONLY IF employment = 3,4,5, OR 6]
industry: Which of the following BEST reflects the kind of business or industry in which you are employed?
1 - Agriculture
2 - Mining
3 - Construction
4 - Manufacturing
5 - Transportation, Communications or Public Utility
6 - Wholesale or Retail Trade

7 - Restaurants
8 - Legal Services
9 - Health And Medical Services
10 - Education
11 - Business & Accounting Services
12 - Engineering & Technical Services
13 - Personal Services or Recreational Services
14 - Finance, Insurance, or Real Estate
15 - Government
16 - Other

----------End Web pg ----------

Do you currently or have you ever worked in a business or industry that relates to any of the following natural resources in Oklahoma? [Please check all that apply] [RANDOMIZE; 1 INDICATES SELECTED**]**
wrk_natres_oil: Oil/Petroleum
wrk_natres_gas: Natural Gas
wrk_natres_solar: Solar
wrk_natres_wind: Wind
wrk_natres_water: Water
wrk_natres_bio: Biomass
wrk_natres_other: Other (please specify)
wrk_natres_specify: [VERBATIM]
wrk_natres_other_specify: [VERBATIM]

----------End Web pg ----------

income: Thinking specifically about the past 12 months, what was your annual household income from all sources?
$ [VERBATIM]

----------End Web pg ----------

footage: What is the approximate square footage of your home?
[VERBATIM; REQUIRED NUMERIC] sq. ft.

home_type: In what type of home do you live?
1 - Apartment
2 - Single family home
3 - Duplex
4 - Mobile home
5 - Condo or townhouse

home_own: Do you own or rent your home?
1 - Own
2 - Rent

----------End Web pg ----------

home_lot: Which of the following best describes your property?
1 - Urban lot in a densely populated area
2 - Suburban lot in a neighborhood that is near a densely populated area
3 - Rural lot in a sparsely populated area

----------End Web pg ----------

[SHOW ONLY IF home_lot = 3]
ranch_farm: Do you use your property for ranching or farming?
0 - No
1 - Yes

----------End Web pg ----------

[SHOW ONLY IF ranch_farm = 1]
commercial: Which of the following best describes your ranch or farm?
0 - a family ranch or farm primarily for personal use
1 - a commercial ranch or farm

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To begin, we would like you to compare weather patterns *this fall* (September, October and November 2015) to weather patterns in *previous falls.*

ssn_precip: In the area around where you live (by this we mean within about ten miles of your residence), would you say that the amount of precipitation that fell *this fall* was more, less, or about the same amount as in *previous falls*?
3 - More
2 - About the same
1 - Less

ssn_tmp: In the area around where you live, would you say that *this fall* has been warmer, cooler, or about the same as *previous falls?*
3 - Warmer
2 - About the same
1 - Cooler

----------End Web pg ----------

Now we want you to compare weather patterns over the *past three years* to weather patterns in *previous years*.

drghtfreq: In the area around where you live, has drought occurred more frequently, less frequently, or with about the same frequency in the *last three years* as drought in *previous years*?
3 – More frequently
2 – With about the same frequency
1 – Less frequently

drghtsev: In the area around where you live, has drought been more severe, less severe, or about as severe in the *last three years* as drought in *previous years*?
3 – More severe
2 – About as severe
1 – Less severe

fldfreq: In the area around where you live, has flooding occurred more frequently, less frequently, or with about the same frequency in the *last three years* as flooding in *previous years*?
3 – More frequently
2 – With about the same frequency
1 – Less frequently

fldsev: In the area around where you live, has flooding been more severe, less severe, or about as severe in the *last three years* as flooding in *previous years*?
3 – More severe
2 – About as severe
1 – Less severe

----------End Web pg ----------

avgtmp: Again thinking about the *last three years*, would you say that overall, the average temperatures in the area around where you live have increased, decreased, or stayed about the same as compared to temperatures in *previous years*?
3 - Increased
2 - Stayed about the same
1 - Decreased

tmpextrm: Would you say that overall, extreme high and/or low temperatures have occurred more often, less often, or with about the same frequency in the *past three years* as compared to *previous years*?
3 - More often
2 - With about the same frequency
1 - Less often

----------End Web pg ----------

This fall, have you experienced any of the following kinds of events in the area around where you live? [Please check all that apply] [RANDOMIZED LIST: 1 INDICATES SELECTED]
evntexp_wind: Extreme high winds
evntexp_drght: Drought
evntexp_rain: Extreme rainstorms
evntexp_flood: Floods
evntexp_torn: Tornadoes
evntexp_fire: Wildfires
evntexp_ethqk: Earthquakes
evntexp_heat: Extreme hot temperatures
evntexp_cold: Extreme cold temperatures
evntexp_snow: Extreme snowstorms
evntexp_ice: Extreme ice storms
evntexp_hail: Hail storms

----------End Web pg ----------

In the area around where you live, would you say that each of the following kinds of events have happened more frequently, less frequently, or with about the same frequency *this fall* as in *previous falls*? [RANDOMIZED TABLE]
evntfreq_wind: Extreme high winds
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_rain: Extreme rainstorms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_torn: Tornadoes
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_fire: Wildfires
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_ethqk: Earthquakes
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_heat: Extreme hot temperatures
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_cold: Extreme cold temperatures
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_snow: Extreme snowstorms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_ice: Extreme ice storms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfreq_hail: Hail storms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

----------End Web pg ----------

Looking to the future and again thinking about the area around where you live, do you think that each of the following kinds of events will happen more frequently, less frequently, or with about the same frequency over the *next few falls* as they have *this fall*? [There is no right answer; please provide your best guess.][RANDOMIZED TABLE]
evntfutfreq_wind: Extreme high winds
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_drght: Drought
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_rain: Extreme rainstorms
3 - More frequently
2 - About the Same
1 - Less frequently

evntfutfreq_flood: Floods
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_torn: Tornadoes
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_fire: Wildfires
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_ethqk: Earthquakes
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_heat: Extreme hot temperatures
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_cold: Extreme cold temperatures
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_snow: Extreme snowstorms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_ice: Extreme ice storms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

evntfutfreq_hail: Hail storms
3 - More frequently
2 - With about the same frequency
1 - Less frequently

----------End Web pg ----------

As you may know, some parts of Oklahoma have experienced an increase in earthquakes over the last few years.

ethqk_risk: On a scale from zero to ten, where zero means *no risk* and ten means *extreme risk*, how much risk do you think earthquakes pose to people and property in Oklahoma?
0 - No risk
1
2
3
4
5
6
7
8
9
10 - Extreme risk

ethqk_cause: In your view, what is the *primary* cause of the increase in earthquakes that some parts of Oklahoma have experienced over the last few years?
[RANDOMIZE ORDER of 1 and 2]
1 - natural shifts of tectonic plates along fault lines
2 - human activities such as natural gas extraction and/or wastewater disposal
3 - Don't know

ethqk_risk_mgmt: On a scale from zero to ten, where zero means *not at all involved* and ten means *extremely involved,* how involved do you think the State of Oklahoma should be in [**ethqk_risk_rand**: "managing," "regulating"] the risks associated with

earthquakes? [RANDOM ASSIGNMENT OF WORD]
0 - Not at all involved
1
2
3
4
5
6
7
8
9
10 - Extremely involved

ethqk_risk_fed_mgmt: On a scale from zero to ten, where zero means *not at all involved* and ten means *extremely involved,* how involved do you think the United States government should be in [**ethqk_risk_fed_rand:** "managing," "regulating"] the risks associated with earthquakes? [RANDOM ASSIGNMENT OF WORD]
0 - Not at all involved
1
2
3
4
5
6
7
8
9
10 - Extremely involved

----------End Web pg ----------

The next question involves a word association. We will give you a phrase and ask you to tell us the first three ACTIONS or BEHAVIORS that come to mind when you think about that phrase. For example, we might say, "school," to which you might respond, "read," "work on homework," or "study for exam." Or, if we say, "rain," and you might say, "bring umbrella," "stay inside," or "close windows."

Think about the phrase [**rand_phrase:** "tornado warning," "tornado watch"] for a moment. When you think about the phrase [**rand_phrase**], what are the first three ACTIONS or BEHAVIORS that come to mind? [RANDOMIZE WORD ASSIGNMENT]
act1: [VERBATIM]
act2: [VERBATIM]
act3: [VERBATIM]

----------End Web Pg ----------

Think about the *most recent* [**rand_phrase**] that you remember being issued for the area around where you live. Did you take the actions or engage in the behaviors listed above? [TABLE; DROP DOWN CHOICES: "No", "Yes", "Not Sure/Don't Remember"]
take_act1: [FILL **act1**]
take_act2: [FILL **act2**]
take_act3: [FILL **act3**]
take_actNA: Not Applicable

----------End Web pg ----------

Making decisions about how to respond to severe weather often involves complex calculations about risks and probabilities. We would like to know more about how you assess various probabilities and risks.

For the next few questions, please do not use a calculator but feel free to make notes or use paper if needed.

cointoss: Imagine that we flip a fair coin 1,000 times. What is your best guess about how many times the coin would come up heads in 1,000 flips? [VERBATIM; REQUIRED NUMERIC, ALLOW DECIMAL] [Answer = 500]
bigbucks: In the BIG BUCKS LOTTERY, the chance of winning a $10 prize is 1%. What is your best guess about how many people would win a $10 prize if 1,000 people each buy a single ticket to BIG BUCKS? [VERBATIM; REQUIRED NUMERIC] [Answer = 10]

acme_pub: In ACME PUBLISHING SWEEPSTAKES, the chance of winning a car is 1 in 1,000. What percent of tickets to ACME PUBLISHING SWEEPSTAKES win a car? [VERBATIM; REQUIRED NUMERIC, ALLOW DECIMAL] percent [Answer = 0.1]

----------End Web pg ----------

[SHOW ONLY IF MORE THAN ONE OF **cointoss**, **bigbucks**, OR **acme_pub** ARE CORRECT]
choir: Out of 1,000 people in a small town 500 are members of a choir. Out of these 500 members in a choir 100 are men. Out of the 500 inhabitants that are not in a choir 300 are men. What is the probability that a randomly drawn man is a member of the choir? Please indicate the probability as a percent. [VERBATIM; REQUIRED NUMERIC] percent [Answer = 25]

----------End Web pg ----------

[SHOW ONLY IF **choir** = 25]

fiveside: Imagine we are throwing a five-sided die 50 times. On average, out of these 50 throws how many times would this five-sided die show an odd number (1, 3 or 5)? [VERBATIM; REQUIRED NUMERIC] [Answer = 30]

----------End Web pg ----------

[SHOW ONLY IF **choir** = 25]
sixside: Imagine we are throwing a loaded die (6 sides). The probability that the die shows a 6 is twice as high as the probability of each of the other numbers. On average, out of these 70 throws how many times would the die show the number 6? [VERBATIM; REQUIRED NUMERIC] [Answer = 20]

----------End Web Pg ----------

[SHOW ONLY IF **sixside _correct** ≠ 20]
mushroom: In a forest, 20% of the mushrooms are red, 50% are brown, and 30% are white. A red mushroom is poisonous with a probability of 20%. A mushroom that is not red is poisonous with a probability of 5%. What is the probability that a poisonous mushroom in the forest is red? Please indicate the probability as a percent.
[VERBATIM; REQUIRED NUMERIC] percent [Answer = 50]

----------End Web pg ----------

Now, we would like you to answer a few questions about tornadoes in Oklahoma.

First, please complete the following statements.

tor_time: In Oklahoma, most tornadoes begin…
1 - between 9:00 AM and 12:00 PM
2 - between 12:00 PM and 3:00 PM
3 - between 3:00 PM and 6:00 PM
4 - between 6:00 PM and 9:00 PM
5 - between 9:00 PM and 12:00 AM

tor_ssn: In Oklahoma, most tornadoes occur…
1 - in January, February, and March
2 - in April, May, and June
3 - in July, August, and September
4 - in October, November, and December

tor_move: In Oklahoma, most tornadoes move…
1 - in a straight line, from east to west
2 - in a diagonal line, from southwest to northeast
3 - in a straight line, from north to south
4 - in a diagonal line, from northwest to southeast

tor_damage: In Oklahoma, most tornadoes are rated…
0 - an EF0 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that range from 65 to 85 miles per hour)
1 - an EF1 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that range from 86 to 110 miles per hour)
2 - an EF2 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that range from 111 to 135 miles per hour)
3 - an EF3 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that range from 136 to 165 miles per hour)
4 - an EF4 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that range from 166 to 200 miles per hour)
5 - an EF5 on the Enhanced Fujita Scale for Tornado Damage (with wind speeds that exceed 200 miles per hour)

----------End Web pg ----------

Please indicate to the best of your knowledge whether each of the following statements about tornadoes is true or false. [RANDOMIZE]

myth_under: You ***must*** be underground or in an aboveground tornado shelter to survive a violent tornado [false]
0 - false
1- true

myth_tall: Tall buildings protect large cities from tornadoes [false]
0 - false
1- true

myth_mtns: Mountains, rivers, and lakes do ***not*** protect nearby areas from tornadoes [true]
0 - false
1- true

myth_brdge: When driving, you should ***not*** take shelter from tornadoes under a bridge or overpass [true]
0 - false
1- true

myth_open: When sheltering in a house from a tornado, you should open all the windows to equalize the pressure inside and outside to prevent the house from exploding [false]
0 - false
1 - true

----------End Web pg ----------

As you may know, tornado WATCHES are issued when a tornado is possible. Tornado WARNINGS are issued when a tornado is imminent or occurring.

To the best of your knowledge, who issues tornado WARNINGS in your local area? Please check all that apply
[CHECK BOX: RANDOMIZE ORDER; 1 = SELECTED]
issue_warn_nws: National Weather Service
issue_warn_tv: Meteorologists on local television stations
issue_warn_emergency: Emergency managers in your local area
issue_warn_other: Other [please specify]
issue_warn_other_specify: [VERBATIM]

----------End Web Pg ----------

type1: To the best of your knowledge, approximately what percentage of tornado WARNINGS that are issued by the National Weather Service in the area around where you live are followed by the actual occurrence of a tornado? [VERBATIM] percent

type2: To the best of your knowledge, approximately what percentage of tornadoes that occur in the area around where you live are preceded by a tornado WARNING that is issued by the National Weather Service? [VERBATIM] percent

leadtime: Now consider those occasions when tornado WARNINGS are issued by the National Weather Service in your local area and tornadoes actually occur. On average, how much time is there between when tornado WARNINGS are issued and when tornadoes occur?
1 - less than 1 hour
2 - 1 to 24 hours
3 - 1 to 3 days
4 - more than 3 days

----------End Web pg ----------

[SHOW ONLY IF **leadtime** = 1]
leadtime_minutes: You indicated that there is *less than 1 hour* between when tornado WARNINGS are issued and when tornadoes occur. To the best of your knowledge, how many *minutes* are there between when tornado WARNINGS are issued and when tornadoes occur? [VERBATIM] minutes

----------End Web pg ----------

[SHOW ONLY IF **leadtime** = 2]
leadtime_hours: You indicated that there is *1 to 24 hours* between when tornado WARNINGS are issued and when tornadoes occur. To the best of your knowledge, how many *hours* are there between when tornado WARNINGS are issued and when tornadoes occur? [VERBATIM] hours

----------End Web pg ----------

torwarn_intend: If you were at home during daylight hours and you were to learn that the National Weather Service has issued a tornado WARNING for your local area, which of the following most accurately describes what you would do?
0 - Nothing; continue on as before the warning was received
1 - Move to the most sheltered part of your residence, but do not leave your residence
2 - Move to a specially constructed storm shelter on your property
3 - Move to a nearby location or building that you consider to provide better shelter
4 - Leave your residence and drive away from the tornado warning area
5 - Something else [please specify]
torwarn_intend_specify: [VERBATIM]

----------End Web pg ----------

The next few questions concern water and energy use at your residence.

wtr_billfreq: About how frequently do you receive your water bill?
1 - Quarterly
2 - Monthly
3 - Don't know
4 – I don't receive a water bill

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[SHOW QUESTION ONLY IF wtr_billfreq IS OTHER THAN 4; REQUIRED NUMERIC, DECIMALS OK]
What was the approximate total cost (charges for water plus taxes and other fees) of your last water bill?
wtr_bill_totcost: $ [VERBATIM]
wtr_bill_dk: Don't know [CHECKBOX: 1 INDICATES SELECTED]

wtr_use: As best you can recall, did you use more, less, or about the same amount of water at your residence *this fall* as you did *last fall*?
3 - More

2 - About the same amount
1 - Less

wtr_short: Over the *past few months* (September, October and November 2015), did you experience any water shortages or water use restrictions for your residence?
0 - No
1 - Yes

----------End Web pg ----------
Do you (or others in your household) maintain any of the following at your residence? [Please check all that apply]
mntain_lawn – Residential lawn
mntain_flwr – Flower garden
mntain_veg – Fruit and/or vegetable garden

----------End Web pg ----------

[SHOW PAGE ONLY IF AT LEAST ONE BOX IS CHECKED FOR mntain_lawn, mntain_flwr, or mntain_veg]

wtr_freq: During *this fall*, about how frequently did you (or someone else in your household) water your residential lawn or family garden?
1 – Never
2 – Less than once a month
3 – Once a month
4 – Once a week
5 – A few times a week
6 – Daily

----------End Web pg ----------

Were any of the following steps taken to decrease the amount of water used at your residence *this fall*? [Please check all that apply][RANDOMIZED LIST (EXCEPT "other"): 1 INDICATES SELECTED]
wtr_steps_flush: Installed a low-volume or low-flush toilet
wtr_steps_flow: Installed a low-volume or low-flow showerhead
wtr_steps_bath: Took shorter or less frequent baths or showers
wtr_steps_lawn: Watered lawn or garden less frequently
wtr_steps_car: Washed car less frequently
wtr_steps_leaks: Repaired leaks
wtr_steps_ldry: Did laundry less frequently
wtr_steps_othr: Other (please specify)
wtr_steps_spec: [VERBATIM]

----------End Web pg ----------

wtr_qual: Using a scale of excellent, good, fair or poor, how would you rate the overall quality of the drinking water at your residence?
4 - Excellent
3 - Good
2 - Fair
1 - Poor

wtr_safe: On a scale from zero to ten, where zero means *not at all safe* and ten means *completely safe*, how would you rate the safety of the drinking water at your residence for your health?
0 - Not at all safe
1
2
3
4
5
6
7
8
9
10 - Completely safe

----------End Web pg ----------

wtr_comm: In your view, are the supplies of water in your region of Oklahoma adequate to meet the needs of your community over the *next 25 years*?
5 - Definitely yes
4 - Probably yes
3 - Unsure
2 - Probably no
1 - Definitely no

wtr_farm: In your view, are the supplies of water in your region of Oklahoma adequate to meet the needs of farmers and ranchers over the *next 25 years*?
5 - Definitely yes
4 - Probably yes
3 - Unsure
2 - Probably no
1 - Definitely no

----------End Web pg ----------
The next set of questions concern energy use at your residence.

Which of these energy sources did you use at your residence *this fall* (September, October and November 2015)? [Please check all that apply]
enrgy_sourc_elec: Electricity
enrgy_sourc_natgas: Natural Gas
enrgy_sourc_prop: Propane or Liquefied Petroleum Gas
enrgy_sourc_wood: Wood

enrgy_sourc_geo: Geothermal
enrgy_sourc_othr: Other (please specify)
enrgy_sourc_othr_spec: [VERBATIM]

----------End Web pg ----------

[THIS PAGE ONLY DISPLAYED IF enrgy_sourc_elec IS SELECTED]

What was the approximate total cost (including taxes and other fees) of your last electricity bill? [REQUIRED NUMERIC, DECIMALS OK]
elec_bill_totcost: $ [VERBATIM]
elec_bill_dk: Don't know/Not Applicable [CHECKBOX: 1 INDICATES SELECTED]

elec_use: As best you can recall, did you use more, less, or about the same amount of electricity at your residence *this fall* as *last fall*?
3 - More
2 - About the same amount
1 - Less

elec_out: During *this fall*, did you experience any electricity outages at your residence?
0 - No
1 - Yes
----------End Web pg ----------
[THIS PAGE ONLY DISPLAYED IF enrgy_sourc_natgas IS SELECTED]

What was the approximate total cost (including taxes and other fees) of your last natural gas bill? [REQUIRED NUMERIC, DECIMALS OK]
gas_bill_totcost: $ [VERBATIM]
gas_bill_dk: Don't know/Not Applicable [CHECKBOX: 1 INDICATES SELECTED]

gas_use: As best you can recall, did you use more, less, or about the same amount of natural gas at your residence *this fall* as *last fall?*
3 - More
2 - About the same
1 - Less
----------End Web pg ----------
Were any of the following steps taken to decrease the amount of energy used at your residence *this fall*? [Please check all that apply][RANDOMIZED LIST (EXCEPT "other"): 1 INDICATES SELECTED]
enrgy_steps_lghts: Turned lights off
enrgy_steps_ac: Turned air conditioning down/off
enrgy_steps_savappl: Installed energy saving appliances
enrgy_steps_unplug: Unplugged appliances
enrgy_steps_insul: Added insulation
enrgy_steps_savdoor: Installed energy saving doors/windows
enrgy_steps_prog: Participated in a "smart energy" program (such as OG&E SmartHours or PSO GridSmart)
enrgy_steps_bulbs: Installed energy saving light bulbs
enrgy_steps_othr: Other (please specify)
enrgy_steps_othr_spec: [VERBATIM]

----------End Web pg ----------
The next question asks about a number of personality traits that may or may not apply to you. On a scale of one to seven, where one means *disagree strongly* and seven means *agree strongly*, please rate each statement to indicate how much you agree or disagree with that statement. You should rate how much the pair of traits applies to you, even if one characteristic applies more strongly than the other.

I see myself as:

[DROP DOWN CHOICES FOR EACH PROMPT:
"1 - Disagree strongly"
"2 - Disagree moderately"
"3 - Disagree a little"
"4 - Neither agree nor disagree"
"5 - Agree a little"
"6 - Agree moderately"
"7 - Agree strongly"]

traits_extr: Extraverted, enthusiastic
traits_crit: Critical, quarrelsome
traits_dep: Dependable, self-disciplined
traits_anx: Anxious, easily upset
traits_open: Open to new experiences, complex
traits_rsrvd: Reserved, quiet
traits_symp: Sympathetic, warm
traits_disorg: Disorganized, careless
traits_calm: Calm, emotionally stable
traits_conv: Conventional, uncreative

----------End Web pg ----------

The next several questions are about important issues facing policy makers and the people of Oklahoma today.

For each of the following issues, please rate your level of concern using a scale from zero to ten, where zero means you are *not at all concerned* and ten means you are *extremely concerned*. How concerned are you about each of the following? [RANDOMIZED TABLE]

cncrn_secur: Threats to the security of people in Oklahoma, including crime and terrorism

0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_health: The delivery and cost of healthcare in Oklahoma
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_enrgy: The availability and cost of energy in Oklahoma
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_trns: The cost of transportation fuel in Oklahoma, such as gasoline and diesel
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_tax: The cost of state and local taxes in Oklahoma
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_edu: The cost and quality of education in Oklahoma
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_econ: The state of the Oklahoma economy, including jobs and inflation
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

cncrn_natres: The preservation of natural resources in Oklahoma
0 - Not at all Concerned
1
2
3
4
5
6
7
8
9
10 - Extremely Concerned

----------End Web pg ----------

As you may know, the issue of global climate change has been the subject of public discussion over the last few years.

glbcc: In your view, are greenhouse gases, such as those resulting from the combustion of coal, oil, natural gas, and other materials, causing average global temperatures to rise?
0 – No
1 – Yes

----------End Web pg ----------

glbcc_cert: On a scale from zero to ten, where zero means *not at all certain* and ten means *completely certain*, how certain are you that greenhouse gases are/are not [AUTOFILL "are" IF glbcc = 1; AUTOFILL "are not" IF glbcc = 0] causing average global temperatures to rise?
0 - Not at all certain
1
2
3
4
5
6
7
8
9
10 - Completely certain

glbcc_risk: On a scale from zero to ten, where zero means *no risk* and ten means *extreme risk*, how much risk do you think global warming poses for people and the environment?
0 - No risk
1
2
3
4
5
6
7
8
9
10 - Extreme risk

glbwrm_ok: In your view, is global warming causing the weather patterns in Oklahoma to change?
0 - No
1 – Yes
2 -- Don't know

glbwrm_risk_mgmt: On a scale from zero to ten, where zero means not at all involved and ten means *extremely involved,* how involved do you think the State of Oklahoma should be in [RANDOMIZE **glbwrm_risk_rand:** managing OR regulating] the risks associated with global warming?
0 – not at all involved
1
2
3
4
5
6
7
8
9
10 – extremely involved

glbwrm_risk_fed_mgmt: On a scale from zero to ten, where zero means not at all involved and ten means *extremely involved,* how involved do you think the United States government should be in [RANDOMIZE **glbwrm_risk_rand:** managing OR regulating] the risks associated with global warming?
0 – not at all involved
1
2
3
4
5
6
7
8
9
10 – extremely involved

----------End Web pg ----------

The next few questions are about your life, your health, and your neighborhood.

time_outside: How much time would you say you spent outdoors on a typical fall day?
0 - No time
1 - Less than 1 hour per day
2 - 1–2 hours per day
3 - 2–4 hours per day
4 - More than 4 hours per day

[SHOW QUESTION ONLY IF time_outside = 1, 2, 3, OR 4]

spent_outside: Is this time spent outdoors for work, for recreation, or both?
1 - Work
2 - Recreation
3 - Both

cmpr_time_outside: Overall, would you say that

you spent more, less, or about the same amount of time outdoors *this fall* (September, October and November 2015) as compared to *previous falls*?
3 - More time
2 - About the same amount of time
1 - Less time

----------End Web pg ----------
How frequently do you get information about the WEATHER from each of the following sources? [DROP DOWN CHOICES FOR EACH PROMPT: "Several times a day", "About once a day", "Several times per week", "About once per week", "Less than once per week", "Never"]
wthr_info_paper: Newspapers
wthr_info_web: Non-government Internet websites (such as weather.com)
wthr_info_govweb: Government sponsored Internet websites (such as noaa.gov, Oklahoma Mesonet)
wthr_info_loctv: Local TV (television) news
wthr_info_cabtv: Cable TV (television) news (such as The Weather Channel)
wthr_info_radio: Radio
wthr_info_fam: Family, friends or colleagues
wthr_info_soc: Social Media, such as Facebook and Twitter
wthr_info_phone: Cell phone applications or automated text messages
wthr_info_othr: Other (please specify)

wthr_info_othr_spec: [VERBATIM]

----------End Web pg ----------

Scholars have learned that information often influences the way in which people answer survey questions. With this in mind, we are interested in whether you are taking the time to read the text that precedes each question. So, in order to demonstrate that you have read this text, please ignore the question below and click on the blue dot.

dot_answr: Which of the following devices do you typically use to answer surveys on the Internet?
1 - A computer
2 - A tablet (like an iPad or a Kindle)
3 - A smart phone (like an Android phone or iPhone)

----------End Web pg ----------
Thank you very much for your participation in the Oklahoma Weather, Society and Government Survey! We greatly appreciate your time and attention. As a token of our appreciation, you will be receiving a $10 gift card in the mail within the next few weeks.

confirm_zip: Zip: [AUTOFILL ZIP; REQUIRED 5-DIGIT NUMERIC]

NOTES: This dataset includes the following that do *not* correspond with questions on the instrument:

wave_id: wave id

click_bluedot: 1 if participant clicked blue dot instead of responding to dot_answr

begin_datetime: date/time respondent started the survey (Unix time)

end_datetime: date/time respondent completed the survey (Unix time)

time_taken: time between survey commencement and completion (minutes)

is_statewide: 1 if participant is in the statewide sample

is_kiamichi: 1 if participant lives within the Kiamichi watershed study region

is_payne: 1 if participant lives within the Payne Co./Cimarron watershed study region

is_washita: 1 if participant lives within the Washita watershed study region

is_canadian: 1 if participant lives within the North Canadian watershed study region

is_okcity: 1 if participant lives within the Oklahoma City watershed study region