

2014 Weather in Oklahoma Survey: M-SISNet Wave 1 (Winter 2014)

n = 602; February 25 – April 6, 2014; Median Time = 41 min

My name is Hank C. Jenkins-Smith, and I am a professor in the Center for Applied Social Research at the University of Oklahoma. I am requesting that you volunteer to participate in a research study titled “Weather in Oklahoma Survey.”

Purpose of the Research Study

The purpose of this study is to measure perceptions of weather in Oklahoma, and how those perceptions might shape Oklahomans’ uses of water and energy.

Number of Participants

Up to 3,500 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, for a total of 18 survey responses.

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. You have the potential to earn \$180 over time if you complete all the surveys.

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 organiza-

tions 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

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. 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 Applied Social Research at the University of Oklahoma, at 405-325-6389, or at hjsmith@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.

Please print this information sheet for your records. By completing and submitting this questionnaire, you are agreeing to participate in this study.

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

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.

agescreen: How old are you?

0 - Under 18

1 - 18 or older

[IF THEY DO NOT AGE QUALIFY, THEY ARE SCREENED OUT AND DO NOT CONTINUE IN THE SURVEY]

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

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! [THE QUESTIONS ON THE PAGE ARE PRE-POPULATED, WHERE AVAILABLE, WITH DATA THAT WAS COLLECTED DURING RECRUITMENT]

yearbirth: In what year were you born? [DROP DOWN LIST OF YEARS: IF 1996 OR MORE RECENT CHOSEN, NEXT QUESTION IS DISPLAYED TO CONFIRM THEY ARE 18]

age: How old are you? [VERBATIM]

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) / Doctor

zip: What is the five digit zip code at your residence? [VERBATIM]

county: What is the name of the county where you live? [DROP DOWN LIST OF ALL OKLAHOMA COUNTIES]

adults: How many ADULTS AGE 18 AND OLDER live in your household? [VERBATIM]

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

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

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

footage: What is the approximate square footage of your home? [VERBATIM]

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

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 (by this we mean both rain and snow) that fell *this* winter (December 2013 and January and February 2014) was more, less, or about the same amount as in previous winters? Rain and Snow: [DROP DOWN LIST “More”, “About the same”, “Less”]

3 - More

2 - About the same

1 - Less

ssn_tmp: In the area around where you live, would you say that *this* winter has been warmer, cooler, or about the same as previous winters?

3 - Warmer

- 2 - About the same
- 1 - Cooler

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

Now we want you to consider weather patterns over the *past three years*.

drghtfreq: In the area around where you live (by this we mean within about ten miles of your residence), has the *frequency* (how often it occurs) of drought conditions increased, decreased, or stayed about the same over the *last three years*?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

drghtsev: In the area around where you live, has the *severity* (how bad it is) of drought conditions increased, decreased, or stayed about the same over the *last three years*?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

fldfreq: In the area around where you live, has the *frequency* of flooding increased, decreased, or stayed about the same over the *last three years*?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

fldsev: In the area around where you live, has the *severity* of floods increased, decreased, or stayed about the same over the *last three years*?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

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

avgtmp: Now thinking about all twelve months over 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?

- 3 - Increased
- 2 - Stayed about the same
- 1 - Decreased

tmpextrm: Again thinking about all twelve months over the *last three years*, would you say that **overall**, extreme high and/or low temperatures have been occurring more often, less often, or with about the same frequency?

- 3 - More often
- 2 - With about the same frequency
- 1 - Less often

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

Have you experienced any of the following kinds of events in the area around where you live (by this we mean within about ten miles of your residence) *this* winter? [Please check all that apply] [RANDOMIZED LIST: 1 INDICATES SELECTED]

- evntexp_ice:** Extreme ice storms
- evntexp_fire:** Wildfires
- evntexp_wind:** Extreme high winds
- evntexp_drght:** Drought
- evntexp_cold:** Extreme cold temperatures
- evntexp_snow:** Extreme snowstorms
- evntexp_flood:** Floods
- evntexp_rain:** Extreme rainstorms
- evntexp_torn:** Tornadoes

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

In the area around where you live, would you say that the following kinds of events have happened more frequently, less frequently, or with about the same *frequency* (how often it occurs) *this* winter (December 2013 and January and February 2014) as in previous winters? [RANDOMIZED TABLE]

- evntfreq_cold:** Extreme cold temperatures
- 3 - More Frequently
- 2 - About the Same
- 1 - Less Frequently

- evntfreq_wind:** Extreme high winds
- 3 - More Frequently
- 2 - About the Same
- 1 - Less Frequently

- evntfreq_ice:** Extreme ice storms
- 3 - More Frequently
- 2 - About the Same

1 - Less Frequently

evntfreq_flood: Floods

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfreq_fire: Wildfires

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfreq_rain: Extreme rainstorms

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfreq_torn: Tornadoes

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfreq_drgh: Drought

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfreq_snow: Extreme snowstorms

3 - More Frequently
2 - About the Same
1 - Less Frequently

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

In the area around where you live, would you say that the *severity* (how bad it was) of the following events has been more severe, less severe, or about the same *this* winter (December 2013 and January and February 2014) as it was in previous winters? [RANDOMIZED TABLE]

evntsvr_drgh: Drought

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_ice: Extreme ice storms

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_rain: Extreme rainstorms

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_flood: Floods

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_wind: Extreme high winds

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_fire: Wildfires

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_cold: Extreme cold temperatures

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_torn: Tornadoes

3 - More Severe
2 - About the Same
1 - Less Severe

evntsvr_snow: Extreme snowstorms

3 - More Severe
2 - About the Same
1 - Less Severe

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

Again thinking about the area around where you live, do you think that the following kinds of events will happen more frequently, less frequently, or with about the same frequency over *the next few winters* (December, January, February) as they have *this* winter? [There is no right answer; please provide your best guess.][RANDOMIZED TABLE]

evntfutfreq_ice: Extreme ice storms

3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_cold: Extreme cold temperatures
3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_snow: Extreme snowstorms
3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_torn: Tornadoes
3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_flood: Floods
3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_fire: Wildfires
3 - More Frequently
2 - About the Same
1 - Less Frequently

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

evntfutfreq_wind: Extreme high winds
3 - More Frequently
2 - About the Same
1 - Less Frequently

evntfutfreq_drght: Drought
3 - More Frequently
2 - About the Same
1 - Less Frequently

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

Do you think that the following kinds of events will be more severe, less severe, or about the same over *the next few winters* (December, January, February) as they have been *this* winter? [There is no right answer; please provide your best guess.] [RANDOMIZED TABLE]

evntfutsvr_snow: Extreme snowstorms
3 - More Severe

2 - About the Same
1 - Less Severe

evntfutsvr_fire: Wildfires
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_torn: Tornadoes
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_flood: Floods
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_ice: Extreme ice storms
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_rain: Extreme rainstorms
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_wind: Extreme high winds
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_drght: Drought
3 - More Severe
2 - About the Same
1 - Less Severe

evntfutsvr_cold: Extreme cold temperatures
3 - More Severe
2 - About the Same
1 - Less Severe

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

[RANDOMIZED QUESTION ORDER THIS PAGE]

wint_watch: As best you can recall, about how many WINTER STORM WATCHES were issued for the area around where you live *this* win-

ter by the National Weather Service? [VERBATIM]

wint_warn: As best you can recall, about how many WINTER STORM WARNINGS were issued for the area around where you live *this* winter by the National Weather Service? [VERBATIM]

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

Were any of the following available at your residence *this* winter (December 2013 and January and February 2014) to protect you and others in your household from extreme weather events? [Please check all that apply] [RANDOMIZED LIST (EXCEPT "other"): 1 INDICATES SELECTED]

prep_desroom: A designated room or closet within your home that you consider to provide the most shelter from severe thunderstorms and tornadoes

prep_gen: A generator (either mobile or fixed) to provide electricity in emergencies

prep_supply: Supplies of water and food specially packaged or designated for use in emergencies

prep_spclo: A specially constructed room or other facility on your property designed to provide shelter from severe thunderstorms and tornadoes (may be above or below ground)

prep_kit: An emergency preparedness kit containing such things as first-aid supplies, flashlights, batteries, etc.

prep_plan: An emergency response plan for you and your family

prep_othr: Other (please specify)

prep_othr_spec: [VERBATIM]

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

The next few questions concern water use for your residence.

wtr_inside: What is the primary source of the water used in your home for drinking, cooking, bathing, and laundry?

- 1 - Private well
- 2 - City, town, or municipality
- 3 - Rural water coop
- 4 - Other (please specify)

5 - Don't know

wtr_inside_othr_spec: [VERBATIM]

wtr_billfreq: About how frequently do you receive your water bill?

- 1 - Quarterly
- 2 - Monthly
- 3 - Don't know

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: [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* winter (December 2013 and January and February 2014) as you did last winter?

- 3 - More
- 2 - About the same amount
- 1 - Less

wtr_short: Over the past few months (December 2013 and January and February 2014), did you experience any water shortages or water use restrictions for your residence?

- 0 - No
- 1 - Yes

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

wtr_monitor: On a scale from zero to ten, where zero means *not at all* and ten means *very closely*, how closely have you monitored the amount of water used at your residence *this* winter (December 2013 and January and February 2014)?

- 0 - Not at all
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 - Very closely

mntain_lawn: Do you have a residential lawn or family garden that you (or others in your household) maintain at your residence?

- 0 - No
- 1 - Yes

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

[THIS PAGE ONLY DISPLAYED IF
mntain_lawn = 1]

wtr_outside: What is the primary source of the water used *outside* your home to water your residential lawn and/or family garden?

- 1 - Private well
- 2 - City, town or municipality
- 3 - Rural water coop
- 4 - Other (please specify)
- 5 - Don't know

wtr_outside_othr_spec: [VERBATIM]

During this winter (December 2013 and January and February 2014), about how frequently did you (or someone else in your household) use each of the following methods to water your residential lawn or family garden?

[DROP DOWN CHOICES FOR EACH PROMPT - "Never", "Less than once a month", "Once a month", "Once a week", "A few times a week", "Daily": 1 INDICATES SELECTED]

wtr_mthd_cntr: Watering can or other hand held container

wtr_mthd_hose: Hand held garden hose

wtr_mthd_sprnklr: Sprinkler attached to a hose

wtr_mthd_bltin: Built-in sprinkler system

wtr_mthd_othr: Other (please specify)

wtr_mthd_othr_spec: [VERBATIM]

wtr_timer: During this winter, was an automatic timer used when watering your residential lawn or family garden?

- 0 - No
- 1 - Yes

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

[THIS PAGE ONLY DISPLAYED IF wtr_timer = 1]

wtr_adjust: During this winter (December 2013 and January and February 2014), how often did you change or adjust the setting of this automatic timer?

- 1 - Never
- 2 - Less than once a month
- 3 - Once a month
- 4 - Once a week
- 5 - A few times a week

-----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 0 to 10, where zero means *not at all safe* and 10 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 -----

Were any of the following steps taken to decrease the amount of water used at your residence *this* winter (December 2013 and January and February 2014)? [Please check all that apply] [RANDOMIZED LIST (EXCEPT "other")]: 1 INDICATES SELECTED]

- wtr_steps_flow:** Used a low-volume or low-flow showerhead
- wtr_steps_lawn:** Watered lawn or garden less frequently
- wtr_steps_car:** Washed car less frequently
- wtr_steps_flush:** Used a low-volume or low-flush toilet
- wtr_steps_bath:** Took shorter or less frequent baths or showers
- wtr_steps_othr:** Other (please specify)
- wtr_steps_spec:** [VERBATIM]

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

The next set of questions concerns energy use at your residence.

- Which of these energy sources do you use at your residence? [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_othr:** Other (please specify)
 - enrgy_sourc_othr_spec:** [VERBATIM]

- enrgy_prim:** Now thinking specifically about heating your home, what was the PRIMARY source of energy used at your residence this winter (December 2013 and January and February 2014).
- 1 - Electricity
 - 2 - Natural Gas
 - 3 - Propane or Liquefied Petroleum Gas

- 4 - Wood
 - 5 - Other (please specify)
- enrgy_prim_spec:** [VERBATIM]

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

[THIS PAGE ONLY DISPLAYED IF enrgy_sourc_elec IS SELECTED]

- elec_billfreq:** About how frequently do you receive your electricity bill?
- 1 - Quarterly
 - 2 - Monthly
 - 3 - Don't know

- What was the approximate total cost (including taxes and other fees) of your last electricity bill?
- elec_bill_totcost:** [VERBATIM]
- elec_bill_dk:** [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* winter (December 2013 and January and February 2014) as last winter?
- 3 - More
 - 2 - About the same amount
 - 1 - Less

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

[THIS PAGE ONLY DISPLAYED IF enrgy_sourc_elec = 1]

- elec_out:** During this winter (December 2013 and January and February 2014), did you experience any electricity outages at your residence?
- 0 - No
 - 1 - Yes

- elec_mon:** On a scale from zero to ten, where zero means *not at all* and ten means *very closely*, how closely have you monitored the amount of electricity used at your residence this winter?
- 0 - Not at all
 - 1
 - 2
 - 3
 - 4
 - 5
 - 6

7
8
9

10 - Very closely

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

[THIS PAGE ONLY DISPLAYED IF
enrgy_sourc_natgas IS SELECTED]

gas_billfreq: About how frequently do you receive your natural gas bill?

- 1 - Quarterly
- 2 - Monthly
- 3 - Don't know

What was the approximate total cost (including taxes and other fees) of your last natural gas bill?

gas_bill_totcost: [VERBATIM]

gas_bill_dk: [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* winter (December 2013 and January and February 2014) as last winter?

- 3 - More
- 2 - About the same
- 1 - Less

gas_mon: On a scale from zero to ten, where zero means *not at all* and ten means *very closely*, how closely did you monitor the amount of natural gas you used *this* winter?

- 0 - Not at all
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 - Very closely

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

Were any of the following steps taken to de-

crease the amount of energy used at your residence this winter (December 2013 and January and February 2014)? [Please check all that apply][RANDOMIZE LIST (EXCEPT "other"): 1 INDICATES SELECTED]

enrgy_steps_savappl: Use energy saving appliances

enrgy_steps_ac: Turn down/off A/C

enrgy_steps_insul: Add insulation

enrgy_steps_lghts: Turn lights off

enrgy_steps_heat: Turn down heat

enrgy_steps_prog: Participate in "smart energy" program (such as OG&E SmartHours or PSO GridSmart)

enrgy_steps_savdoor: Use energy-saving doors/windows

enrgy_steps_unplug: Unplug appliances

enrgy_steps_othr: Other (please specify)

enrgy_steps_othr_spec: [VERBATIM]

adj_thrm: Do you currently use a thermostat to set the temperature at your residence?

- 0 - No
- 1 - Yes

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

[THIS PAGE ONLY DISPLAYED IF adj_thrm = 1]

During this winter (December 2013 and January and February 2014), what was the average temperature to which you set your thermostat?

temp_set_away: When away from home: [VERBATIM] °F

temp_set_awake: When at home, awake: [VERBATIM] °F

temp_set_asleep: When at home, asleep: [VERBATIM] °F

If the *comfort* of those living at your residence were your only consideration, to what temperature would you have set your thermostat?

temp_comf_away: When away from home: [VERBATIM] °F

temp_comf_awake: When at home, awake: [VERBATIM] °F

temp_comf_asleep: When at home, asleep: [VERBATIM] °F

If the *cost of energy* were your only consideration, to what temperature would you have set your thermostat?

temp_cost_away: When away from home:
[VERBATIM] °F

temp_cost_awake: When at home, awake:
[VERBATIM] °F

temp_cost_asleep: When at home, asleep:
[VERBATIM] °F

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

[THIS PAGE ONLY DISPLAYED IF adj_thrm = 1]

thrmfreq: During *this* winter (December 2013 and January and February 2014), about how frequently did you manually (by hand) adjust the temperature setting on your thermostat?

- 1 - Never
- 2 - Less than once a month
- 3 - Once a month
- 4 - Once a week
- 5 - A few times a week
- 6 - Once a day
- 7 - More than once a day

prog_thrm: Is the thermostat that you currently use programmable (capable of automatically adjusting the temperature when you are not present)?

- 0 - No
- 1 - Yes
- 2 - Don't know

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

[THIS PAGE ONLY DISPLAYED IF adj_thrm = 1]

prog_thrm_use: Do you currently use the programmable features on your thermostat?

- 0 - No
- 1 - Yes
- 2 - Don't know

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

engry_recs: Do you currently purchase renewable energy (such as wind, solar, hydroelectric, or

other renewables) or renewable energy credits (RECs) from your electricity provider?

- 0 - No
- 1 - Yes

engry_avg: Do you currently participate in an electricity bill payment plan that averages monthly costs over the year?

- 0 - No
- 1 - Yes

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

Now we want to ask about landscaping and property management.

In the past year, have you (or any of the people in your household) made any of the following types of changes to your property? [Please check all that apply] [1 INDICATES SELECTED]

chngd_prprty_remdead: Removed dead, diseased, or damaged tree(s)

chngd_prprty_remvhlth: Removed a healthy tree (or trees)

chngd_prprty_addtree: Added a tree (or trees)

chngd_prprty_grass: Replaced, removed, or expanded grass on your property

chngd_prprty_grass_wrm: Replaced warm season grass (examples) [HOVER OVER DISPLAYS: "such as Bermuda grass, which turns brown in the winter"] with cool season grass (examples) [HOVER OVER DISPLAYS: "such as fescue or Bluegrass, which stays green year round")] [HIDDEN UNLESS

chngd_prprty_grass SELECTED]

chngd_prprty_grass_cool: Replaced cool season grass with warm season grass [HIDDEN UNLESS chngd_prprty_grass SELECTED]

chngd_prprty_grass_all: Removed grass from all or part of your property [HIDDEN UNLESS chngd_prprty_grass SELECTED]

chngd_prprty_grass_expd: Expanded grass into new areas of your property [HIDDEN UNLESS chngd_prprty_grass SELECTED]

chngd_prprty_othr: Other (please specify)

chngd_prprty_othr_spec: [VERBATIM]

chngd_prprty_rsn: Which of the following statements **best** describes your reason for making these changes? [QUESTION HIDDEN UNTIL ANY OPTION SELECTED FROM

chngd_prprty: 1 INDICATES SELECTED]
1 - to address landscape damage from storms
2 - to reduce the cost of maintaining my landscape
3 - to reduce time needed to maintain my landscape
4 - to reduce water use
5 - to improve the appearance of my landscape
6 - to address safety concerns
7 - to repair or avoid structural damage
8 - to better adapt my landscape to the weather in my local area
8 - Other (please specify)
chngd_prprty_rsn_spec: [VERBATIM]

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

This set of questions concerns your beliefs about the relationship between humans and the environment.

Please respond to the following statements on a scale of one to five, where one means you *strongly disagree* and five means you *strongly agree*. [RANDOMIZED TABLE]

blnc: The balance of nature is strong enough to cope with the impacts of modern industrial nations.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

abuse: Humans are severely abusing the environment.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

intrfr: When humans interfere with nature it often produces disastrous consequences.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

rule: Humans were meant to rule over the rest of

- nature.
- 1 - Strongly Disagree
 - 2
 - 3
 - 4
 - 5 - Strongly Agree

cntrl: Humans will eventually learn enough about how nature works to be able to control it.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

exagrt: The so-called “ecological crisis” facing humankind has been greatly exaggerated.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

limit: We are approaching the limit of the number of people the earth can support.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5 - Strongly Agree

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

Now please rate the degree to which each of the following statements describes your outlook on life, using a scale from zero to ten, where zero means *not at all* and ten means *completely*.

You can change your initial selection, but no two of the four descriptions may be given the same numerical rating, and each must be rated before advancing. [RANDOMIZED TABLE: RESPONDENTS REQUIRED TO RATE EACH BEFORE CONTINUING. NO RATING ALLOWED TO BE USED MULTIPLE TIMES]

H_rate: I am more comfortable when I know who is, and who is not, a part of my group, and loyalty to the group is important to me. I prefer to know who is in charge and to have clear rules

and procedures; those who are in charge should punish those who break the rules. I like to have my responsibilities clearly defined, and I believe people should be rewarded based on the position they hold and their competence. Most of the time, I trust those with authority and expertise to do what is right for society.

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

I_rate: Groups are not all that important to me. I prefer to make my own way in life without having to follow other peoples' rules. Rewards in life should be based on initiative, skill, and hard work, even if that results in inequality. I respect people based on what they do, not the positions or titles they hold. I like relationships that are based on negotiated "give and take," rather than on status. Everyone benefits when individuals are allowed to compete.

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

E_rate: Much of society today is unfair and corrupt, and my most important contributions are made as a member of a group that promotes justice and equality. Within my group, everyone should play an equal role without differences in rank or authority. It is easy to lose track of what is important, so I have to keep a close eye on the actions of my group. It is not enough to provide equal opportunities; we also have to try to make outcomes more equal.

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

F_rate: Life is unpredictable and I have very little control. I tend not to join groups, and I try not to get involved because I can't make much difference anyway. Other people make the rules; I just have to abide by them. Getting along in life is largely a matter of doing the best I can with what comes my way, so I just try to take care of myself and the people closest to me. It's best to just go with the flow, because whatever will be will be.

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

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

This next set of questions concerns your outlook on politics and current policy issues.

party: With which political party do you most identify?

- 1 - Democratic party
- 2 - Republican party (or GOP)
- 3 - Independent
- 4 - Other (please specify)

party_spec: [VERBATIM]

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

[SHOW PAGE ONLY IF party = 3]

lean: As of today, do you lean more to the Democratic Party or the Republican Party?

- 1 - Democratic Party
- 2 - Republican Party

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

ideol: On a scale of political ideology, individuals can be arranged from strongly liberal to strongly conservative. Which of the following categories best describes your views?

- 1 - Strongly liberal
- 2 - Liberal
- 3 - Slightly liberal
- 4 - Middle of the road
- 5 - Slightly conservative
- 6 - Conservative
- 7 - Strongly conservative

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

People in Oklahoma participate in a variety of civic activities to help inform and influence what government does. In the past 12 months have you engaged in any of the following civic activities? [Please check all that apply]

[RANDOMIZED LIST: 1 INDICATES SELECTED]

- civact_contact:** Contacted an elected official
- civact_signed:** Signed or circulated a petition
- civact_vlntr:** Volunteered or worked for a political candidate, party, or cause
- civact_ran:** Ran for or held a publicly elected office
- civact_rally:** Attended a political protest or rally
- civact_msgbrd:** Commented about politics on a message board or Internet site
- civact_local:** Voted in a state or local election
- civact_fed:** Voted in a federal election
- civact_letter:** Written a "letter to the editor"
- civact_money:** Given money to a candidate running for public office
- civact_email:** Signed up for a political candidate's or party's email list

-----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_secure: 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_energ: 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_airwatr: The effects of human activities on the quality of the air and water in Oklahoma

0 - Not at all Concerned

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Extremely Concerned

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

Using a scale from zero to ten, where zero means *not at all* and ten means *completely*, please rate the degree to which each of the following statements describes your outlook on life. [RANDOMIZED TABLE]

egall1: What society needs is a fairness revolution to make the distribution of wealth more equal

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

indiv1: The government puts far too many restrictions on what businesses and individuals can do

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

9
10 - Completely

hier1: The best way to get ahead in life is to do what you are told to do

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

fatal1: The most important things that take place in life happen by chance

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

egal2: Society works best if power is shared equally

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

indiv2: Even the disadvantaged should have to make their own way in the world

0 - Not at All

1
2
3

4
5
6
7
8
9

10 - Completely

hier2: Society is in trouble because people do not obey those in authority

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

fatal2: No matter how hard we try, the course of our lives is largely determined by forces beyond our control

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

egal3: It is our responsibility to reduce differences in income between the rich and the poor

0 - Not at All

1
2
3
4
5
6
7
8
9

10 - Completely

indiv3: We are all better off when we compete as individuals

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

hier3: Society would be much better off if the people in charge imposed strict and swift punishment on those who break the rules

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

fatal3: For the most part, succeeding in life is a matter of chance

0 - Not at All

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

10 - Completely

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

Recently, you may have noticed that *global warming* has been getting some attention in the news. Global warming refers to the idea that the world's average temperature has been increasing over the past 150 years, may be increasing more in the future, and that the world's climate may

change as a result.

glbwrn: What do you think: Do you think that global warming is happening?

0 - No

1 - Yes

2 - Don't know

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

[THIS PAGE ONLY DISPLAYED IF glbwrn = 1]

iswrn_sure: How sure are you that global warming is happening?

4 - Extremely sure

3 - Very sure

2 - Somewhat sure

1 - Not at all sure

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

[THIS PAGE ONLY DISPLAYED IF glbwrn = 0]

notwrn_sure: How sure are you that global warming is not happening?

4 - Extremely sure

3 - Very sure

2 - Somewhat sure

1 - Not at all sure

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

glbwrn_cause: Assuming global warming is happening, do you think it is...

4 - Caused mostly by human activities

3 - Caused mostly by natural changes in the environment

2 - None of the above because global warming isn't happening

1 - Other

glbwrn_science: Which comes closest to your own view?

4 - Most scientists think global warming is happening

3 - Most scientists think global warming is not happening

2 - There is a lot of disagreement among scientists about whether or not global warming is

happening

1 - Don't know enough to say

glbwrn_worry: How worried are you about global warming?

4 - Very worried

3 - Somewhat worried

2 - Not very worried

1 - Not at all worried

glbwrn_ok: In your view, is global warming causing the weather patterns in Oklahoma to change?

0 - No

1 - Yes

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

There are many choices that individuals and families have to make every day, and not everything can be a high priority. For each of the following, please tell me how much of a priority it tends to be for you and your family: not a priority at all, a low priority, a moderate priority, a high priority, or a top priority? [RANDOMIZED TABLE]

priority_trans: Having reliable transportation

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_save: Saving money on your energy costs

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_home: Keeping your home cool in the summer and warm in the winter

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_effic: Making sure your home is energy efficient

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_reduc: Reducing the amount of electricity you use

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_envfrnd: Buying environmentally-friendly products

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_vaca: Taking a summer vacation

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

priority_ltst: Having the latest electronic devices

1 - Not a Priority at All

2 - A Low Priority

3 - A Moderate Priority

4 - A High Priority

5 - A Top Priority

-----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 spend outdoors on a typical winter 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

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

[SHOW PAGE 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

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

cmpr_time_outside: Overall, would you say that you spent more, less, or about the same amount of time outdoors *this* winter (December 2013 and January and February 2014) when you compare it to previous winters?

- 3 - More time
- 2 - About the same amount of time
- 1 - Less time

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

hlth_status: In general, would you say your health is:

- 5 - Excellent
- 4 - Very Good
- 3 - Good
- 2 - Fair
- 1 - Poor

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

Using a scale from one to seven, where one means you *strongly disagree* and seven means you *strongly agree*, please respond to the following statements about your neighborhood or immediate surrounding area. [RANDOMIZED TABLE]

nghbrhd_deal: If there is a problem around here, the neighbors get together to deal with it.

- 1 - Strongly Disagree
- 2
- 3
- 4
- 5
- 6
- 7 - Strongly Agree

nghbrhd_close: This is a close-knit neighborhood/area.

1 - Strongly Disagree

2

3

4

5

6

7 - Strongly Agree

nghbrhd_care: When you get right down to it, no one in this neighborhood/area cares much about what happens to me.

1 - Strongly Disagree

2

3

4

5

6

7 - Strongly Agree

nghbrhd_not: People in this neighborhood/area generally do not get along with each other.

1 - Strongly Disagree

2

3

4

5

6

7 - Strongly Agree

nghbrhd_eyes: When I am away from home, I know that my neighbors will keep their eyes open for possible trouble at my place.

1 - Strongly Disagree

2

3

4

5

6

7 - Strongly Agree

nghbrhd_help: If I needed emergency repairs at my residence, I could count on my neighbors to pitch in and help.

1 - Strongly Disagree

2

3

4

5

6

7 - Strongly Agree

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

How frequently do you get information about current news events 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”]

news_paper: Newspapers
news_mag: Magazines
news_web: the Internet
news_tv: TV (television)
news_radio: Radio
news_govt: Government agencies
news_fam: Family, friends or colleagues
news_soc: Social Media, such as Facebook and Twitter

-----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_othr: Other (please specify)
wthr_info_othr_spec: [VERBATIM]

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

rel_imp: Do you consider religion to be an **important** part of your life, or **not**?
1 - Important
0 - Not important

rel_attend: Do you ever attend religious services, apart from occasional weddings, baptisms or funerals?
0 - No
1 - Yes

rel_freq: How frequently do you attend religious services?
6 - More than once per week
5 - Every week
4 - Almost every week
3 - Once or twice a month
2 - A few times per year
1 - Only for religious holidays
0 - Never

-----End Web pg 50-----

rel_desc: What is your religious preference?
1 - Agnostic
2 - Atheist
3 - Catholic
4 - Protestant
5 - Christian (nonspecific)
6 - Jewish
7 - Mormon
8 - Other (please specify)
rel_desc_spec: [VERBATIM]

rel_prot: What specific denomination is that? [HIDDEN UNLESS rel_desc = 4]
1 - Southern Baptist
2 - Other Baptist
3 - Methodist
4 - Presbyterian
5 - Episcopal
6 - Lutheran
7 - Pentecostal
8 - Church of Christ
9 - Other (please specify)
10 - Non-denominational
rel_prot_spec: [VERBATIM]

rel_brnagn: Do you consider yourself a born-again Christian?
0 - No
1 - Yes
2 - Not sure

rel_bible: Do you believe that the Bible is the literal word of God?

- 0 - No
- 1 - Yes
- 2 - Not Sure

-----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_answer: Which of the following devices do you typically use to answer surveys on the Internet?

- 1 - A computer
- 2 - A tablet (like an iPad)
- 3 - A smart phone (like a Blackberry or iPhone)

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

Thank you very much for your participation in the "Weather in Oklahoma" 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.

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

NOTES: Survey datasets include the following metadata that do *not* correspond with questions on the instrument:

wave_id: wave id

is_statewide: 1 if participant is in the statewide sample

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

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)