Tornado Survey Instrument

zip : Please enter the 5-digit zip code where the tornado event occurred: [require 5-digit number]						
storm_date: Please enter the date when the tornado event occurred: [calendar input]						
storm_time : Please enter the time when the tornado event happened: (in the local timezone) [dropdown menu]						
Page break						
loc_event: Where were you when the tornado event occurred?						
1. At home						
2. At work						
3. At school						
4. At a business (such as a store or restaurant)						
5. In a vehicle (such as a car, truck, bus)6. Somewhere else (please specify)						
7. I don't recall						
Page break						
[SHOW ONLY IF loc_event == 6]						
loc_event_spec: Please describe where you were when the event occurred: [VERBATIM]						
Page break						
[SHOW ONLY IF loc_event == 1]						
 home: Which of the following categories best describes your current primary residence? Stand-alone (detached) permanent structure such as a house Condominium, town-house, or duplex that is attached to another structure Apartment or dormitory room that is part of a larger residential complex Mobile home (whether placed on a permanent foundation or not) Boat, boathouse, ship, dock, or other floating structure Other type 						
Page break						
[SHOW ONLY IF loc_event == 2]						

work: Which of the following categories best describes your work setting?

- 1. Single-story Building
- 2. Multi-story Building
- 3. Big Box Store (e.g., Lowes, Home Depot, Walmart)
- 4. Shopping mall
- 5. Industrial or Construction setting
- 6. Outdoor setting (e.g., agricultural)
- 7. Other type

[SHOW ONLY IF loc_event == 3]

school: Which of the following categories best describes the school?

- 1. Single-story K-12 school building
- 2. Multi-story K-12 school building
- 3. Single-story college campus building
- 4. Multi-story college campus building
- 5. Other type of school setting

------Page break-------

[SHOW ONLY IF loc_event == 4]

business: Which of the following categories best describes the business you were at when the tornado event occurred?

- 1. Single-story building
- 2. Multi-story building
- 3. Big Box Store (e.g., Lowes, Home Depot, Walmart)
- 4. Shopping mall
- 5. Industrial or construction setting
- 6. Other type

For the next few questions, we would like you to think about **right before** and **when** the tornado event occurred.

right_conc: How concerned were you about the weather right before the tornado event occurred?

- 1 Not at all concerned
- 2 Not very concerned
- 3 Somewhat concerned
- 4 Very concerned
- 5 Extremely concerned

<pre>right_act: Did you take any action to protect yourself right before or when the tornado event occurred?</pre>
1 - Yes
0 - No
Page break
[SHOW ONLY IF right_act = 1]
<pre>right_act_desc: Can you briefly describe what you did to protect yourself right before or when the tornado event occurred? [VERBATIM]</pre>
Page break
Now, please think about the hours leading up to the tornado event.
hours_conc: How concerned were you about the weather in the hours leading up to the tornado event? 1 - Not at all concerned 2 - Not very concerned 3 - Somewhat concerned 4 - Very concerned 5 - Extremely concerned
Page break
[SHOW ONLY IF hours_conc > 2]
hours_conc_what : Please describe what made you concerned in the hours leading up to the tornado event: [VERBATIM]
Page break
hours_act: Did you take any action in the hours leading up to the tornado event? 1 - Yes 0 - No
Page break
[SHOW ONLY IF hours_act = 1]

hours_act_desc: Can you briefly describe what you did in the hours leading up to the tornado
event? [VERBATIM]

hours_act_time: About what time did you take those actions? [DROP DOWN MENU]
Page break
Finally, please think about the day before the tornado event.
day_conc: How concerned were you about the weather the day before the tornado event? 1 - Not at all concerned 2 - Not very concerned 3 - Somewhat concerned 4 - Very concerned 5 - Extremely concerned
Page break
[SHOW ONLY IF day_conc > 2]
day_conc_what: Please describe what made you concerned the day before the tornado event [VERBATIM]
Page break
day_act: Did you take any action the day before the tornado event? 1 - Yes 0 - No
Page break—
[SHOW ONLY IF day_act = 1]
day_act_desc: Can you briefly describe what you did the day before the tornado event? [VERBATIM]
<pre>day_act_time: About what time did you take those actions the day before the tornado event? [VERBATIM]</pre>
Page break
Now we have some questions about alerts from the National Weather Service that you may have received on the day of the tornado event.

A tornado watch is issued by the National Weather Service when tornadoes are possible in and near the watch area.

torn_watch: Did you receive a tornado watch for your area on the day of the event?
1 - Yes
0 - No 2 - I don't recall
2 - I don't lecali
Page break
[SHOW ONLY IF torn_watch == 1]
torn_watch_source: How did you learn about the tornado watch for your area? Please check all that apply. [CHECK ALL THAT APPLY] 1 - Broadcast radio
2 - Weather radio (National Weather Service radio) 3 - Television
4 - Internet web pages focused on weather forecasts (such as weather.gov)5 - Social media (such as Facebook or Twitter)
6 - Emergency notifications on your phone7 - Weather applications on your phone (such as The Weather Channel or a local news station app)
8 - Word-of-mouth (including telephone calls or texts) from family, friends, neighbors, employers, co-workers, etc. 9 - Outdoor sirens
10 - Environmental cues (like looking at the sky or hearing thunder)11 - Some other source12 - I don't recall
Page break—
[SHOW ONLY IF torn_watch_source == 11]
torn_watch_source_spec: Where else did you learn about the tornado watch? [VERBATIM]
Page break
torn_watch_action: Did you do anything after learning about the tornado watch for your area? 0 - No, I continued on with my activities 1 - Yes
2 - I don't recall
Page break

[SHOW ONLY IF torn_watch_action == 0]

torn_watch_noaction: Can you tell us why you didn't do anything after you learned about the watch for your area? [VERBATIM]
Page break
[SHOW ONLY IF torn_watch_action == 1]
torn_watch_action_type: Please briefly describe what you did after you learned about the tornado watch for your area: [VERBATIM]
Page break
torn_warn: A tornado warning is issued by the National Weather Service when a tornado is imminent. Did you receive a tornado warning for your area on the day of the tornado event? 1 - Yes 0 - No 2 - I don't recall
Page break
[SHOW ONLY IF torn_warn == 1]
torn_warn_source: How did you learn about the tornado warning for your area? Please check all that apply. [CHECK ALL THAT APPLY] 1 - Broadcast radio 2 - Weather radio (National Weather Service radio)
 3 - Television 4 - Internet web pages focused on weather forecasts (such as weather.gov) 5 - Social media (such as Facebook or Twitter) 6 - Emergency notifications on your phone
7 - Weather applications on your phone (such as The Weather Channel or a local news station app)
8 - Word-of-mouth (including telephone calls or texts) from family, friends, neighbors, employers, co-workers, etc. 9 - Outdoor sirens
10 - Environmental cues (like looking at the sky or hearing thunder)11 - Some other source12 - I don't recall
Page break
[SHOW ONLY IF torn warn source == 11]

torn_warn_source_spec: Where did you first hear about the tornado warning? [VERBATIM]

Page break
torn_action: Did you do anything after learning about the tornado warning for your area? 0 - No, I continued on with my activities 1 - Yes 2 - I don't recall
Page break
[SHOW ONLY IF torn_action == 0]
torn_noaction : Can you tell us why you didn't do anything after you learned about the watch for your area? [VERBATIM]
Page break
[SHOW ONLY IF torn_action == 1]
torn_act_desc: Please briefly describe what you did after learning about the tornado warning for your area: [VERBATIM]
Page break
Now we have a few questions about the event overall.
 tor_conf: Looking back, how confident were you that you could protect yourself from the tornado if you needed to? 1. Not at all confident 2. Not very confident 3. Somewhat confident 4. Very confident 5. Extremely confident
Page break
last act again: How likely is it that you would do the same things again if another tornado

last_act_again: How likely is it that you would do the same things again if another tornado
event were to happen?

- 1 Very unlikely
- 2 Somewhat unlikely
- 3 Neither likely nor unlikely
- 4 Somewhat likely
- 5 Very likely

—Page break—
torn_info: How much do you agree or disagree with the following statement?
Looking back, I had enough information in advance of the tornado event to make a decision about protecting myself and those around me. 1 - Strongly disagree 2 - Disagree 3 - Neither disagree nor agree 4 - Agree 5 - Strongly agree ——————————————————————————————————
. ago broak
The next few questions are about weather in general. How much do you agree or disagree with the following statements? [RANDOM ORDER]
follow: I follow the weather very closely. 1 - Strongly disagree 2 - Disagree 3 - Neither disagree nor agree 4 - Agree 5 - Strongly agree
 plan_around: I plan my daily routine around the weather. 1 - Strongly disagree 2 - Disagree 3 - Neither disagree nor agree 4 - Agree 5 - Strongly agree
 und_weather: I don't understand what causes extreme weather events like thunderstorms, tornadoes, and hurricanes. 1 - Strongly disagree 2 - Disagree 3 - Neither disagree nor agree 4 - Agree 5 - Strongly agree
Page break
The survey is almost complete, we just have a few more questions. Thank you for your

responses thus far.

age	: What is your age? [VEF	RBATIM; requi	re numeric]
(: What is your sex? 0. Male 1. Female		
	e: What is your race and ect all that apply and ente	_	? tails in the spaces below.
the		tion of Montan	nter, for example, Navajo Nation, Blackfeet Tribe of na, Native Village of Barrow Inupiat Traditional ztec, Maya, etc.
	sian – Provide details be ☐ Chinese ☐ Asia ☐ Vietnamese ☐ Kore Enter, for example, Pakista	n Indian an	□ Japanese
	lack or African America ☐ African American ☐ Jam ☐ Nigerian ☐ Ethic ☐ Enter, for example, Trinida	naican opian	□ Haitian
		to Rican iinican	□ Salvadoran□ Guatemalan
	iddle Eastern or North A Lebanese Irani Syrian Iraqi Inter, for example, Moroc	an	□ Egyptian□ Israeli
	ative Hawaiian or Pacifi Native Hawaiian □ Sam Tongan □ Fijiai Inter, for example, Chuuk	oan า	☐ Chamorro☐ Marshallese
	/hite – <i>Provide details be</i> English □ Gerr Italian □ Polis nter, for example, French,	nan sh	☐ Irish☐ Scottish ☐ Scottish wegian, etc.

income: What was the estimated annual income for your household last year?

- 1. Less than \$30,000
- 2. At least \$30,000 but less than \$60,000

- 3. At least \$60,000 but less than \$90,000
- 4. At least \$90,000 but less than \$120,000
- 5. At least \$120,000 but less than \$150,000
- 6. \$150,000 or more

edu: What is the highest degree or level of school 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

Page break
torn_cmmt: Is there any other information you would like us to know about this tornado event? [VERBATIM]
Page break
Thank you for completing the Tornado Tales survey, your response has been recorded.