

NWS Tornado

Start of Block: Consent

Q1.1

TORNADO RESPONSE SURVEY

Please complete the following survey regarding severe weather events that occurred in your area. Your participation in this study is voluntary and your identity will remain anonymous. You may skip any question you don't feel comfortable answering. You may withdraw from the study at any time without penalty. No personally identifiable information in connection with this survey will be made public. Your decision to participate will have no bearing on your relationship with any of the organizations that are mentioned here. There are no risks associated with participating in this study. There are no penalties if you choose not to participate. No monetary or other such form of financial compensation will be offered to participants of this study. Results from this study may be shared with local jurisdictions, and results will be made available to the public upon request.

This survey is funded by the National Oceanic and Atmospheric Administration. We are working to understand public response to hazardous weather events in order to improve how weather information is delivered to you. This survey should take about 5-10 minutes to complete.

If you have any questions about this survey, please contact Brenda Philips at bphilips@ecs.umass.edu, or Cedar League at cedarleague@gmail.com. Alternatively, if you have any questions about your rights as a participant in this study, you can also contact the University of Massachusetts Institutional Review Board at (413) 545-3428. OMB Approval Date and Statement here...

BEGIN THE SURVEY BY PRESSING >> BELOW

End of Block: Consent

Start of Block: Panel Questions

Start of Block: INTRO

Q3.1 What is your 5 digit Zip Code?

Page Break

Q3.2 How did you get the link to this survey?

- National Weather Service website/social media
- Local news website/social media
- Public safety email list, website, or social media
- A friend forwarded it to me
- Community group email list, website or social media
- Other _____

Page Break

Severe Weather event(s) occurred in your area on:

- {Date 1}**
- {Date 2}**
- {Date 3}**
- {Date 4}**

Which event(s) do you recall the most?

- {Date 1}
- {Date2}
- {Date 3}
- {Date 4}
- I don't remember any of these event(s)

Skip To: End of Survey If Aware of this event? = No
Skip To: End of Survey If Aware of this event? = I was out of town

Skip To: End of Survey If Aware of this event? = I don't know

End of Block: INTRO

Start of Block: PRE EVENT

Q4.1

Please answer the rest of the survey based on what you experienced on the event date you selected.
BEFORE the event began, did you know about the POTENTIAL for a severe weather threat to occur?

- Yes
- No
- I don't know

Skip To: Q4.15 If Aware before? = No

Skip To: Q4.15 If Aware before? = I don't know

Page Break

Q4.2 How far in advance were you made aware that severe weather could be POSSIBLE for your area?

- Minutes before
 - Less than an hour before
 - Between 1 hour and 6 hours before
 - Between 7 hours and 24 hours before
 - Between 1 and 2 days before
 - 3 or more days before
 - I don't know
-

Page Break



Q4.3 What information source(s) did you use to become aware of the POTENTIAL for a severe weather event? Select UP TO 3 information sources that were the most useful for you BEFORE the event.

- National News/Weather Company (Weather.com, Google, Good Morning America, etc.)
- Local News Media or Weather Person
- National Weather Service (Federal Government)
- Friends/Family
- Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)
- Public Safety Official(s) (Emergency Manager, Police, Fire)
- Observing/experiencing weather conditions near me
- None of the above
- Other (Please state) _____

Page Break

Display This Question:

If Sources = National News/Weather Company (Weather.com, Google, Good Morning America, etc.)



Q4.4 You selected the national news or a weather company as a source of information. BEFORE the severe weather event happened, how did you access information from the national news or the weather company?

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Sources = Local News Media or Weather Person



Q4.5 You selected your local news or weather person as a source of information. BEFORE the severe weather event happened, how did you access information from your local news or weather person? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Sources = National Weather Service (Government)



Q4.6 You selected the National Weather Service as an information source. BEFORE the severe weather event happened, how did you access information from the National Weather Service? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- NOAA weather radio
- Radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Sources = Friends/Family



Q4.7 You selected family or friends as an information source. BEFORE the severe weather event happened, how did you get information from family or friends? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- E-mail
- Website
- Smart phone app
- Text
- Phone call
- Talking in-person with someone
- Other _____

Display This Question:

If Sources = Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)



Q4.8 You selected your community leaders as an **information** source. BEFORE the severe weather event happened, how did you get information from community leaders (clergy, mayor, governor, school officials)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Sources = Public Safety Official(s) (Emergency Manager, Police, Fire)



Q4.9 You selected public safety officials as an information source. BEFORE the heavy severe weather event, how did you get information from public safety officials? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Sources = Observing/experiencing weather conditions near me



Q4.10 BEFORE the severe weather event happened, how did you observe or experience weather conditions near you? (Select all that apply.)

Social media (ex. Facebook, Twitter)

TV/Cable

Website

Smart Phone

Going or being outdoors

Looking out my window

Being in a vehicle

Page Break

Display This Question:

If Sources = Other (Please state)



Q4.11 You selected other information sources. BEFORE the severe weather event, how did you access information from $\{Q4.3/ChoiceTextEntryValue/11\}$? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Q4.12 BEFORE the event began, what was your level of concern based on the information you were given?

- No concern
 - Slightly concerned
 - Moderately concerned
 - Very concerned
 - Extremely concerned
-

Page Break



Q4.13 Based on the information you were given BEFORE the event, did you think any of the threats listed below might impact you or your family? (Select all that apply.)

Damaging winds

Destructive hail

Flash flooding

Frequent lightning

Tornado

Heavy rains

Power outage

Destruction of property

Injury/losses

No threats/impacts

Other _____

Page Break



Q4.14

What, if any, special preparations did you take in the day(s) and hour(s) BEFORE the severe weather event? (Please select all that apply)

- Looked for additional weather information
 - Shared information with somebody
 - Cancelled or rescheduled planned activities and/or appointments
 - Allowed more time for travel
 - Purchased emergency supplies (survival kit, prescriptions, generator, extra food/water, and gas)
 - Protected my belongings (ex. move car, secure property)
 - Made a sheltering/evacuation plan
 - No action taken
 - Other (please specify)
-

Page Break

Q4.15

Did you receive any weather warning(s) for this event? (Select all that apply.)

- Yes, I received a Tornado Warning
- Yes, I received a Severe Thunderstorm Warning
- I was in town but I did not receive any warnings
- I was out of town
- I don't know _____

End of Block: PRE EVENT

Start of Block: Tornado/SVR



Q5.1

How did you learn a Tornado Warning was in effect? Select UP TO 3 information sources that were the most useful for you.

- National News/Weather Company (Weather.com, Google, Good Morning America, etc.)
- Local News Media or Weather Person
- National Weather Service (Government)
- Friends/Family
- Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)
- Public Safety Official(s) (Emergency Manager, Police, Fire)
- Observing/experiencing weather conditions near me
- None of the above
- Other (Please state) _____

Page Break

Display This Question:

If Source of TOR warning = National News/Weather Company (Weather.com, Google, Good Morning America, etc.)



Q5.2 You selected the national news or a weather company as a source of the warning. DURING the severe weather event, how did you access information from the national news or the weather company? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other (please state) _____

Display This Question:

If Source of TOR warning = Local News Media or Weather Person



Q5.3 You selected your local news or weather person as a source of the warning. DURING the severe weather event, how did you access information from your local news or weather person? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source of TOR warning = National Weather Service (Government)



Q5.4 You selected the National Weather Service as a source of the warning. DURING the severe weather event, how did you access information from the National Weather Service? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- NOAA weather radio
- Radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source of TOR warning = Friends/Family



Q5.5 You selected family or friends as a source of the warning. DURING the severe weather event, how did you get information from family or friends? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- E-mail
- Website
- Smart phone app
- Text
- Phone call
- Talking in-person with someone
- Other _____

Display This Question:

If Source of TOR warning = Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)



Q5.6 You selected your community leaders **as a source of the warning. DURING the severe weather event**, how did you get information from community leaders (clergy, mayor, governor, school officials)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source of TOR warning = Public Safety Official(s) (Emergency Manager, Police, Fire)



Q5.7 You selected public safety officials as a source of the warning. DURING the severe weather event, how did you get information from public safety officials? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source of TOR warning = Observing/experiencing weather conditions near me



Q5.8 DURING the severe weather event, how did you observe or experience weather conditions near you? (Select all that apply.)

Social media (ex. Facebook, Twitter)

TV/Cable

Website

Smart Phone

Going or being outdoors

Looking out my window

Being in a vehicle

Page Break

Display This Question:

If Source of TOR warning = Other (Please state)



Q5.9 You selected other as a source of the warning. DURING the severe weather event, how did you access information from $\{Q5.1/ChoiceTextEntryValue/11\}$? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Q5.10 DURING the event, what was your level of concern based on the information you were given?

- No Concern
 - Slightly Concerned
 - Moderately Concerned
 - Very Concerned
 - Extremely Concerned
-

Q5.11 At the time of the Tornado Warning, please let us know if any of these weather condition(s) were present near you.

	Not present	Present, not intense	Present, moderately intense	Present, very intense
RAIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FLOODING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIND	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HAIL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LIGHTNING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TORNADO	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q5.12 Approximately what time did you receive the Tornado Warning?

Hour

Minutes

AM/PM

▼ 12 ... I Don't Know ~ ~

Page Break

Q5.13 Please tell us the closest INTERSECTION and CITY you were in when you received the Tornado Warning.

Intersection _____

City _____

Page Break

Q5.14 When you received the Tornado Warning, where you indoors or outdoors?

Indoors

Outdoors

I don't know _____

Page Break



Q5.15 What were you doing at the time you received the Tornado Warning? (Select all that apply.)

- Driving
- At Home
- Watching TV
- At Work or School
- Shopping / Errands / Restaurant /Recreation
- Appointment
- Worship
- Sleeping
- Other _____
- Prefer not to say

Page Break



Q5.16 Please estimate about how close or far away the storm was to you when you received the Tornado Warning. Your best guess is fine. Select "I don't know" if you are not sure. The storm was on top of me / on my street

- The storm was in my neighborhood
- The storm was in my town/city
- The storm was in the next town/city over
- The storm was in the next county over
- I don't know

Q5.17 What action(s) did you first take after receiving the Tornado Warning? (Select all that apply.)

- None, the warning was not relevant for my location
- Looked for additional weather information
- Observed the weather around me (go outside, look out the window)
- Protected property (home, yard, car, business)
- Took shelter at my current/nearby location
- Drove to safety/shelter
- Stopped driving
- Shared information with somebody
- Gathered Friends/Family/Pets
- Cancelled or rescheduled plans
- I did not take any action(s)
- Other (please list) _____

End of Block: Tornado/SVR

Start of Block: Sheltering

Q6.1 This next set of questions focuses on your response to the event.

Did you shelter?

- Yes
- No
- Other _____

Skip To: Q6.6 If This next set of questions focuses on your response to the event. Did you shelter? = No

Page Break _____

Display This Question:
If This next set of questions focuses on your response to the event. Did you shelter? = Yes
Or This next set of questions focuses on your response to the event. Did you shelter? = Other



Q6.2 Where did you shelter?

- In a house, condo, or apartment
- In a mobile home
- In my school or workplace
- In a sturdy building (not a residence)
- In a vehicle
- In a big box retail establishment (Home Depot, supermarket, etc.)
- I was outside
- Other (please describe) _____



Q6.3 Did you take any of the actions listed below when you sheltered? (Check all that apply.)

- I sheltered in an interior room without windows, such as a bathroom, closet, or walk-in cooler
- I sheltered indoors, but I did not go to an interior room or a safe room
- I sheltered in a basement
- I sheltered in a safe room designed to withstand tornados
- I stayed away from the windows
- I got under a sturdy object (Ex. table, desk).
- I protected my head and body with a helmet, blankets/padding, mattress or other such objects
- I made sure I had shoes on
- I remained buckled in my vehicle
- I did not take any of these actions
- Other (please describe) _____

Display This Question:

If Did you receive any weather warning(s) for this event? (Select all that apply.) = Yes, I received a Tornado Warning

Or Did you receive any weather warning(s) for this event? (Select all that apply.) = Yes, I received a Severe Thunderstorm Warning

Q6.4 When did you shelter?

- Less than 5 minutes after I received the warning
- 5- 15 minutes after I received the warning
- 15-30 minutes after I received the warning
- 30 minutes or more after I received the warning
- N/A I did not receive a warning
- Other _____
- I don't know _____

Page Break _____

Display This Question:
If Did you receive any weather warning(s) for this event? (Select all that apply.) = I was in town but I did not receive any warnings
Or Did you receive any weather warning(s) for this event? (Select all that apply.) = I don't know

Q6.5 When did you shelter?

- Less than 5 minutes after I became aware of the weather
- 5- 15 minutes after I became aware of the weather
- 15-30 minutes after I became aware of the weather
- 30 minutes or more after I became aware of the weather
- Other _____
- I don't know _____

Display This Question:

If This next set of questions focuses on your response to the event. Did you shelter? = No

Q6.6 You indicated you did not shelter. Please tell us if you took any of the actions listed below. (Select all that apply.)

I stayed indoors, but I did not go to an interior room or a safe room

I moved indoors, but I did not go to an interior room or a safe room

I continued with my current activities

I went outdoors/to window to observe the weather

Other (please describe) _____



Q6.7 This next set of questions asks about different factors that may have influenced your decision to shelter, or not to shelter.

Please indicate how much the following warning and environmental factors influenced whether or not you took shelter. Select "Not a Factor" if the factor was not relevant to your decision.

	1. Not influential at all	2. Slightly influential	3. Somewhat influential	4. Very influential	5. Extremely influential	Not a factor
Receipt of NWS warning	0	0	0	0	0	0
I did not receive a warning	0	0	0	0	0	0
I did not trust the warning	0	0	0	0	0	0
Outdoor sirens	0	0	0	0	0	0
Storm was intense	0	0	0	0	0	0
Storm was not intense	0	0	0	0	0	0
Closeness of the weather	0	0	0	0	0	0
Storm was far away	0	0	0	0	0	0

Page Break



Q6.8 Please indicate how much the following social factors influenced whether or not you took shelter. Select "Not a Factor" if the factor was not relevant to your decision.

	1. Not influential at all	2. Slightly influential	3. Somewhat influential	4. Very influential	5. Extremely influential	Not a factor
Friends / family urged me to take action	0	0	0	0	0	0
I saw other people taking action	0	0	0	0	0	0
Previous negative experience with severe weather	0	0	0	0	0	0
Concern/fear for self, family, friends, pets	0	0	0	0	0	0
Having a family emergency plan	0	0	0	0	0	0

Page Break

Q6.10 Please indicate how much the following situational factors influenced whether or not you took shelter. Select "Not a Factor" if the factor was not relevant to your decision.

	1. Not influential at all	2. Slightly influential	3. Somewhat influential	4. Very influential	5. Extremely influential	Not a factor
Having enough time to shelter	0	0	0	0	0	0
Difficulty in finding a place to shelter	0	0	0	0	0	0
This event caught me by surprise	0	0	0	0	0	0
I was driving	0	0	0	0	0	0
I was sleeping	0	0	0	0	0	0

End of Block: Sheltering

Start of Block: IMPACTS

**Q7.1 Which of the following impacts did you personally experience from this severe weather event?
(Select all that apply.)**

- Disruption to work/school/life
- Disruption related to transportation
- Power outage
- Food/water shortages
- Public health impacts (boil water, disease, etc.)
- Personal economic impacts
- Injury (myself/friend/ or family member)
- Property loss/damage
- Death of a friend/relative
- No impacts
- Other (please state) _____

0

Display This Question:

If Source of TOR warning = National Weather Service (Government)

Q7.3 Now consider the information you received from the National Weather Service regarding this severe weather event. Using a scale from 1 to 10 where 1 is "Poor," and 10 is "Excellent," please rate the NWS on the following:

	1 (poor)	2	3	4	5	6	7	8	9	10 (excellent)	Don't know/ NA
Ease of finding hazardous weather forecast information specific to your geographic area	0	0	0	0	0	0	0	0	0	0	0
Accuracy of information for this hazardous weather event	0	0	0	0	0	0	0	0	0	0	0
Explaining the threat and expected impacts of this hazardous weather event	0	0	0	0	0	0	0	0	0	0	0
Providing information to help you make decisions relative to this hazardous weather event	0	0	0	0	0	0	0	0	0	0	0

Overall satisfaction with information or services received by the NWS

Q7.4 Is there anything else you would like to share about your experience this day?

Yes (please describe) _____

No

End of Block: IMPACTS

Start of Block: DEMOGRAPHICS

Q8.1 We are interested in learning about your previous experience with severe weather. Please answer the following statements with a Yes or No.

	Yes	No	I don't know
I have previously experienced a severe weather event	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have experienced a personal loss due to severe weather (ex. financial, belongings)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My home has previously been damaged due to severe weather	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q11.1b I have an emergency survival kit at home	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> I don't know

Page Break

Q8.2 Please select how much you agree or disagree with the following statements. Select N/A if the statement does not apply to you.

	1. Strongly disagree	2. Disagree	3. Neutral	4. Agree	5. Strongly agree	N/A
I am fearful of severe weather	0	0	0	0	0	0
I follow the weather very closely	0	0	0	0	0	0
I take severe weather warnings seriously	0	0	0	0	0	0
I feel that I am completely capable to keep myself safe during severe weather	0	0	0	0	0	0

Page Break



Q8.3 In what year were you born?

Year	▼ 1900 ... 2005
------	-----------------

Page Break

Q8.4 What is your gender?

- Male
 - Female
 - Other _____
 - I prefer not to answer
-

Page Break _____

Q.8.X Are you of Hispanic, Latino or Spanish origin?

- No
- Yes
- I prefer not to answer

Q8.5 Select the category that best describes you.

- White
 - Black or African American
 - American Indian or Alaska Native
 - Asian
 - Native Hawaiian or Pacific Islander
 - Multi-racial _____
 - Other _____
 - I prefer not to answer
-

Q8.6 Please tell us who lives in your household. (Select all that apply.)

- Adult(s) 18-64 years old
- Adult(s) 65+ years old
- Child(ren) 17 years old or younger
- Pets
- Person(s) with disabilities
- I prefer not to answer

Q8.7 Please select the range that best describes your annual household income from all sources before taxes and other deductions.

- \$0-\$14,999
- \$15,000 - \$34,999
- \$35,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- \$100,000 - \$149,999
- \$150,000 - \$250,000
- \$250,000 +
- I prefer not to answer

Page Break

Q8.8 At your primary job, do you generally have flexibility in your work schedule and/or location?

- Yes, I can work from home on short notice
- Yes, I can reschedule/delay my arrival at work on short notice
- Yes, I can leave early on short notice
- No, I do not have flexibility in my work hours
- Not Applicable

Page Break

Q8.9 What is the highest level of school you have completed

- Less than high school degree
- High school graduate (high school diploma or equivalent including GED)
- Some college but no degree
- Associate degree in college (2-year)
- Bachelor's degree in college (4-year)
- Master's degree
- Doctoral degree
- Professional degree (JD, MD)
- I prefer not to answer

Page Break _____

Q8.11 In which type of housing do you currently live?

- Apartment
- Townhouse or Duplex
- Free Standing House
- Manufactured/mobile home
- Condominium
- Other _____

Page Break _____

Page Break _____

End of Block: DEMOGRAPHICS

Start of Block: SVR_ONLY (Those who got SVR warning will receive this set of questions, and not the above TOR warning questions). Questions are repeated. They will then go to SHELTERING, IMPACTS, & DEMOGRAPHICS above.



Q9.1 How did you learn a Severe Thunderstorm Warning was in effect? Select UP TO 3 information sources that were the most useful for you.

- National News/Weather Company (Weather.com, Google, Good Morning America, etc.)
- Local News Media or Weather Person
- National Weather Service (Federal Government)
- Friends/Family
- Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)
- Public Safety Official(s) (Emergency Manager, Police, Fire)
- Observing/experiencing weather conditions near me
- None of the above
- Other (Please state) _____

Page Break _____

Display This Question:
If Source SVR = National News/Weather Company (Weather.com, Google, Good Morning America, etc.)



Q9.2 You selected the national news or a weather company as a source of the warning. DURING the severe weather event, how did you access information from the national news or the weather company? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone

Page Break _____

Display This Question:

If Source SVR = Local News Media or Weather Person



Q9.3 You selected your local news or weather person as a source of the warning. DURING the severe weather event, how did you access information from your local news or weather person? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source SVR = National Weather Service (Government)



Q9.4 You selected the National Weather Service as a source of the warning. DURING the severe weather event, how did you access information from the National Weather Service? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- NOAA weather radio
- Radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source SVR = Friends/Family



Q9.5 You selected family or friends as a source of the warning. DURING the severe weather event, how did you get information from family or friends? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- E-mail
- Website
- Smart phone app
- Text
- Phone call
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source SVR = Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)



Q9.6 You selected your community leaders **as a source of the warning. DURING the severe weather event**, how did you get information from community leaders (clergy, mayor, governor, school officials)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source SVR = Public Safety Official(s) (Emergency Manager, Police, Fire)



Q9.7 You selected public safety officials as a source of the warning. DURING the severe weather event, how did you get information from public safety officials? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source SVR = Observing/experiencing weather conditions near me



Q9.8 DURING the severe weather event, how did you observe or experience weather conditions near you? (Select all that apply.)

Social media (ex. Facebook, Twitter)

TV/Cable

Website

Smart Phone

Going or being outdoors

Looking out my window

Being in a vehicle

Display This Question:

If Source SVR = Other (Please state)



Q9.9 You selected other as a source of the warning. DURING the severe weather event, how did you access information from [\\${Q9.1/ChoiceTextEntryValue/11}](#)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Page Break

Q9.11 DURING the event, what was your level of concern based on the information you were given?

- No Concern
- Slightly Concerned
- Moderately Concerned
- Very Concerned
- Extremely Concerned

Page Break

Q9.12 At the time of the Severe Thunderstorm Warning, please let us know if any of these weather condition(s) were present near you.

	Not present	Present, not intense	Present, moderately intense	Present, very intense
RAIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FLOODING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIND	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HAIL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LIGHTNING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TORNADO	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Page Break

Q9.13 Approximately what time did you receive the Severe Thunderstorm Warning?

Hour

Minutes

AM/PM

▼ 12 ... I Don't Know ~ ~

Page Break

Q9.14 Please tell us the closest INTERSECTION and CITY you were in when you received the Severe Thunderstorm Warning.

Intersection _____

City _____

Page Break

Q9.15 When you received the Severe Thunderstorm Warning, were you indoors or outdoors?

Indoors

Outdoors

I don't know _____

Page Break



Q9.16 What were you doing at the time you received the Severe Thunderstorm Warning? (Select all that apply.)

- Driving
- At Home
- Watching TV
- At Work or School
- Shopping / Errands / Restaurant /Recreation
- Appointment
- Worship
- Sleeping
- Other _____
- Prefer not to say

Page Break

Q9.17 Please estimate about how close or far away the storm was to you when you received the Severe Thunderstorm Warning. Your best guess is fine. Select "I don't know" if you are not sure.

1. The storm was on top of me / on my street
2. The storm was in my neighborhood
3. The storm was in my town/city
4. The storm was in the next town/city over
5. The storm was in the next county over
6. I don't know

Q9.18 What action(s) did you first take after receiving the Severe Thunderstorm Warning? (Select all that apply.)

- None, the warning was not relevant for my location
- Looked for additional weather information
- Observed the weather around me (go outside, look out the window)
- Protected property (home, yard, car, business)
- Took shelter at my current/nearby location
- Drove to safety/shelter
- Stopped driving
- Shared information with somebody
- Gathered Friends/Family /Pets
- Cancelled or rescheduled plans
- I did not take any action(s)
- Other (please list) _____

End of Block: SVR_ONLY

Start of Block: No Warning/IDK (Those who got no warning or said "I Don't Know" will receive this set of questions, and not the above TOR or SVR warning questions). Questions are repeated. They will then go to SHELTERING, IMPACTS, & DEMOGRAPHICS above.



Q10.2 How did you become aware of the severe weather event? Select UP TO 3 information sources that were the most useful for you.

- National News/Weather Company (Weather.com, Google, Good Morning America, etc.)
- Local News Media or Weather Person
- National Weather Service (Federal Government)
- Friends/Family
- Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)
- Public Safety Official(s) (Emergency Manager, Police, Fire)
- Observing/experiencing weather conditions near me
- None of the above
- Other (Please state) _____

Page Break

Display This Question:

If Source No/IDK = National News/Weather Company (Weather.com, Google, Good Morning America, etc.)



Q10.3 You selected the national news or a weather company as a source of the warning. DURING the severe weather event, how did you access information from the national news or the weather company? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Q10.4 You selected your local news or weather person as a source of the warning. DURING the severe weather event, how did you access information from your local news or weather person? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source No/IDK = National Weather Service (Government)



Q10.5 You selected the National Weather Service as a source of the warning. DURING the severe weather event, how did you access information from the National Weather Service? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- NOAA weather radio
- Radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Display This Question:

If Source No/IDK = Friends/Family



Q10.6 You selected family or friends as a source of the warning. DURING the severe weather event, how did you get information from family or friends? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- E-mail
- Website
- Smart phone app
- Text
- Phone call
- Talking in-person with someone
- Other _____

Display This Question:

If Source No/IDK = Community Leader(s) (ex. Clergy, Mayor, Governor, School Official)



Q10.7 You selected your community leaders **as a source of the warning. DURING the severe weather event**, how did you get information from community leaders (clergy, mayor, governor, school officials)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source No/IDK = Public Safety Official(s) (Emergency Manager, Police, Fire)



Q10.8 You selected public safety officials as a source of the warning. DURING the severe weather event, how did you get information from public safety officials? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Display This Question:

If Source No/IDK = Observing/experiencing weather conditions near me



Q10.9 DURING the severe weather event, how did you observe or experience weather conditions near you? (Select all that apply.)

Social media (ex. Facebook, Twitter)

TV/Cable

Website

Smart Phone

Going or being outdoors

Looking out my window

Being in a vehicle

Page Break

Display This Question:

If Source No/IDK = Other (Please state)



Q10.10 You selected other as a source of the warning. DURING the severe weather event, how did you access information from [\\${Q10.2/ChoiceTextEntryValue/11}](#)? (Select all that apply.)

- Social media (ex. Facebook, Twitter)
- TV/Cable
- Website
- Wireless Emergency Alert (WEA cell phone alert)
- City notification system (ex. Reverse 911, Code Red, Everbridge)
- E-mail
- Smart phone app
- Text
- Phone call
- Radio
- NOAA weather radio
- Siren
- Newspaper
- Talking in-person with someone
- Other _____

Page Break

Q10.12 DURING the event, what was your level of concern based on the information you were given?

- No Concern
 - Slightly Concerned
 - Moderately Concerned
 - Very Concerned
 - Extremely Concerned
-

Q10.13 At the time of the severe weather event, please let us know if any of these weather condition(s) were present near you.

	Not present	Present, not intense	Present, moderately intense	Present, very intense
RAIN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FLOODING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WIND	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HAIL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LIGHTNING	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TORNADO	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q10.14 **Approximately what time did you become aware of the severe weather underway?**

Hour

Minutes

AM/PM

▼ 12 ... I Don't Know ~ ~

Page Break

Q10.15 **Please tell us the closest INTERSECTION and CITY you were in when you became aware of the severe weather event.**

Intersection _____

City _____

Page Break

Q10.16 **Were you indoors or outdoors when you became aware of the severe weather event?**

Indoors

Outdoors

I don't know _____

Page Break



Q10.17 What were you doing at the time of the severe weather event? (Select all that apply.)

- Driving
- At Home
- Watching TV
- At Work or School
- Shopping / Errands / Restaurant /Recreation
- Appointment
- Worship
- Sleeping
- Other _____
- Prefer not to say

Page Break

Q10.18 Please estimate about how close or far away the storm was to you when you became aware of the severe weather. Your best guess is fine. Select "I don't know" if you are not sure.

1. The storm was on top of me / on my street
2. The storm was in my neighborhood
3. The storm was in my town/city
4. The storm was in the next town/city over
5. The storm was in the next county over
6. I don't know

Q10.19 **What action(s) did you take after becoming aware of the severe weather? (Select all that apply.)**

- None, the warning was not relevant for my location
- Looked for additional weather information
- Observed the weather around me (go outside, look out the window)
- Protected property (home, yard, car, business)
- Took shelter at my current/nearby location
- Drove to safety/shelter
- Stopped driving
- Shared information with somebody
- Gathered Friends/Family /Pets
- Cancelled or rescheduled plans
- I did not take any action(s)
- Other (please list) _____

End of Block: No Warning/IDK
