

# Trust and Relationships\_BVOT Meteorologist Survey

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## Start of Block: Consent

Q15 This survey is part of the study entitled “Developing, Testing, and Evaluating Methods for Transitioning the Brief Vulnerability Overview Tool (BVOT) to NWS Weather Forecasting Office Operations” (Primary Investigators: Jack R. Friedman, Ph.D. and Daphne LaDue, Ph.D.). This study involves assessing different methods that can be used to collect and share local weather-related vulnerability information between the National Weather Service and their core partners (e.g., emergency managers). This information may provide NWS meteorologists and emergency managers with added situational awareness necessary to improve their capacity to provide critical messaging to their core partners regarding potential impacts associated with hazardous weather. This survey is designed to understand how, if at all, understanding and communication between a local NWS Weather Forecasting Office (WFO) and its core partners might be impacted by the introduction of a vulnerability awareness tool like the BVOT.

You will be asked to complete this survey twice — once at the start of this study and once at the end of the study — and we will compare the answers to see if attitudes have changed over this period. This survey should take about 15 minutes to complete.

All of your responses to this survey will be kept confidential and will not be shared in an identifiable form with anyone outside of the study team. Research records will be stored securely and only approved researchers and the OU Institutional Review Board will have access to those records. Data are collected via an online platform not hosted by OU that has its own privacy and security policies for keeping your information confidential. Please note no assurance can be made as to the use of the data you provide for purposes other than this research.

We expect to survey approximately 400 people during the study. There are no risks and no benefits from taking this survey, and you will not be reimbursed for your time and participation in this research.

If you have questions, concerns, or complaints about the research, you can contact Dr. Jack R. Friedman at 405-325-0770 or [jack.r.friedman@ou.edu](mailto:jack.r.friedman@ou.edu). You can also contact the University of Oklahoma – Norman Campus Institutional Review Board (OU-NC IRB) at 405-325-8110 or

irb@ou.edu if you have questions about your rights as a research participant, concerns, or complaints about the research and wish to talk to someone other than the researcher(s) or if you cannot reach the researcher(s).

This research has been approved by the University of Oklahoma, Norman Campus IRB. IRB Number: 14433; Approval date: 04/01/2022

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Q8 Do you wish to participate in this study?

Yes (1)

No (2)

*Skip To: End of Survey If Do you wish to participate in this study? = No*

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Page Break

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End of Block: Consent

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Start of Block: Block 5

Q11 Are you 18+ years of age?

Yes (1)

No (2)

*Skip To: End of Survey If Are you 18+ years of age? = No*

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End of Block: Block 5

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Start of Block: Block 6

Q12 Name (First, Last):

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Q13 NWS WFO:

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Q14 Job Title:

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Start of Block: Trust

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1 Based on your past experiences interacting with your local Emergency Managers (EMs), rate the following statements.

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Neither agree nor disagree (4)	Somewhat agree (5)	Agree (6)	Strongly agree (7)
I know what to expect from local EMs. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In times of uncertainty, especially during severe weather events, I know how local EMs will respond. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs are reliable sources for information. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how local EMs will use the information that we provide to them. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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2 Based on your past experiences interacting with your local Emergency Managers (EMs), rate the following statements.

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Neither agree nor disagree (4)	Somewhat agree (5)	Agree (6)	Strongly agree (7)
Local EMs are open and honest in their discussions with NWS forecasters. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I believe that local EMs will do what they say they will do; that they will "put their words into action." (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can depend on local EMs to be fair in how they distribute information. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs are trustworthy people. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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3 Based on your past experiences interacting with your local Emergency Managers (EMs), rate the following statements. On average:

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Neither agree nor disagree (4)	Somewhat agree (5)	Agree (6)	Strongly agree (7)
Local EMs are fully capable of doing their job. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs know what they are doing. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs are qualified for their position. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs communicate well. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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4 Based on your past experiences interacting with your local Emergency Managers (EMs), rate the following statements.

	Strongly disagree (1)	Disagree (2)	Somewhat disagree (3)	Neither agree nor disagree (4)	Somewhat agree (5)	Agree (6)	Strongly agree (7)
Local EMs have my best interests in mind. (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs are motivated to protect our priorities. (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local EMs will "watch my back," or "look out for me." (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have confidence in the motivations of local EMs. (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I trust that if local EMs made a mistake that could impact my decisions, they would reach out to let me know. (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Trust



5 Think about times when either you reached out to EMs or EMs reached out to you. These interactions could include emails sent, phone calls, texts, or other forms of communications. 'Reaching out' refers to contacting the other person for additional information or clarity. This can be times when you wanted to provide the other person with more information, or, times when you needed more information. Rate the statement below.

	Very uncomfortable (1)	Mostly uncomfortable (2)	Somewhat uncomfortable (3)	Neutral (4)	Somewhat comfortable (5)	Mostly comfortable (6)	Very comfortable (7)
How comfortable are you with reaching out to local EMs if you have a question or inquiry? (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How comfortable are you with reaching out to local EMs if you have information that they may find useful? (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How comfortable do you think local EMs are with reaching out to you for information? (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How comfortable do you think local EMs are with reaching out to you to provide you with information? (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

End of Block: Reaching Out Comfort Level

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Start of Block: Job/Task Perspective Taking

6 In relation to job tasks, rate the following statements using the scale provided below.

	Strongly Disagree (1)	Somewhat disagree (2)	Neither agree nor disagree (3)	Somewhat agree (4)	Strongly agree (5)
<i>Local EMs have a clear understanding of the <u>tasks and duties</u> related to my job as a meteorologist. (1)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Local EMs have a clear understanding of the <u>challenges</u> related to my job. (2)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>As a meteorologist, I have a clear understanding of the <u>tasks and duties</u> related to the EMs jobs. (3)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>As a meteorologist, I have a clear understanding of the <u>challenges</u> faced by EMs. (4)</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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End of Block: Job/Task Perspective Taking

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Start of Block: User Comments

7 Use the space below for comments, questions, or feedback regarding this survey.

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Contact If you would like to be contacted or have additional feedback, please provide your email address below.

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End of Block: User Comments

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