14: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	✓	○	○	○	○
Share what I learned about NWS products today with others.	✓	○	○	○	○
Seek NWS information about extreme weather risks.	✓	○	○	○	○
Use NWS products and information in your decision-making	✓	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	✓	○	○	○	○
I felt comfortable voicing my opinion.	✓	○	○	○	○
I know more about National Weather Service products.	✓	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	✓	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

_____

17: Was anything in the session confusing? If yes, please explain.

a lot of new information — will continue to follow up on my own.

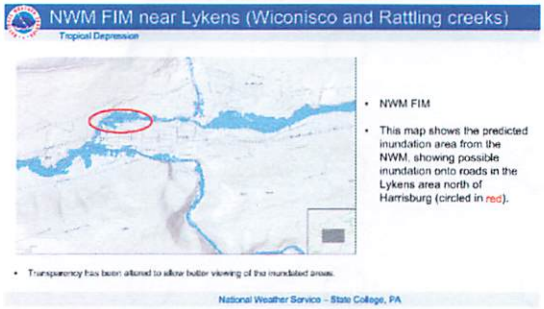
18: What improvements could be made in the format or content of this session?

It was great. Very helpful.

Thank you for participating!

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



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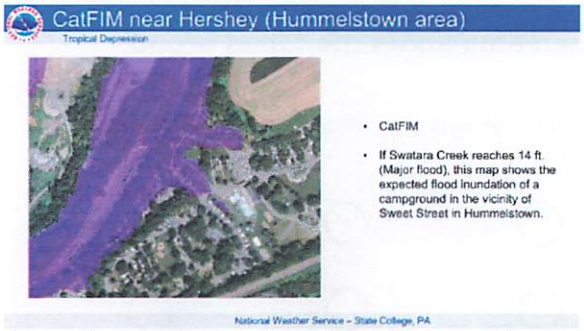

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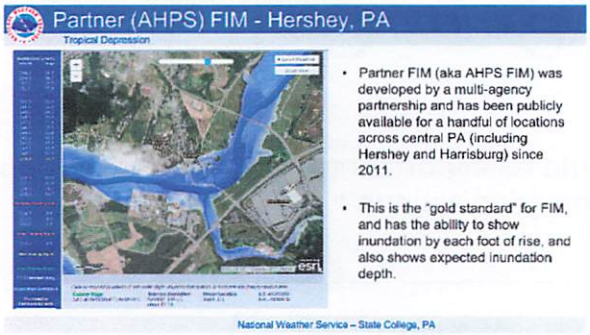


11: What changes might you recommend for these products?

I think they are good - I wish they were easier to find.

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

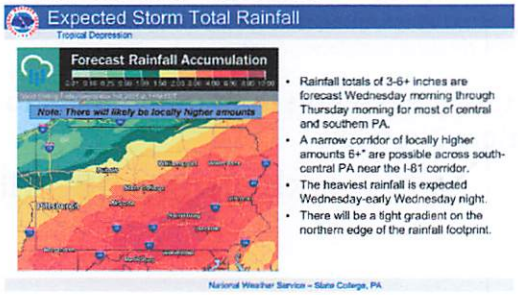
Knowing where to find them.

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☐ Graphic-based ☑ Combination of both

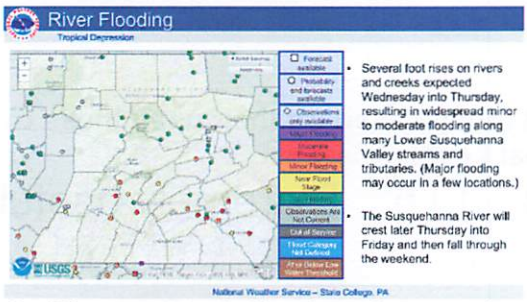
4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. River Flooding.

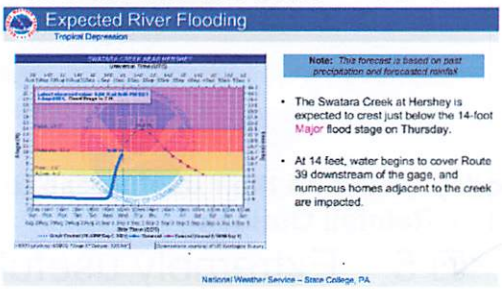
Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful

very good



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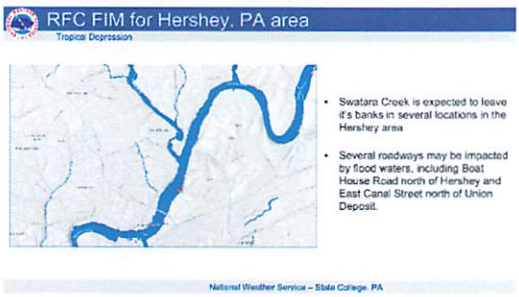

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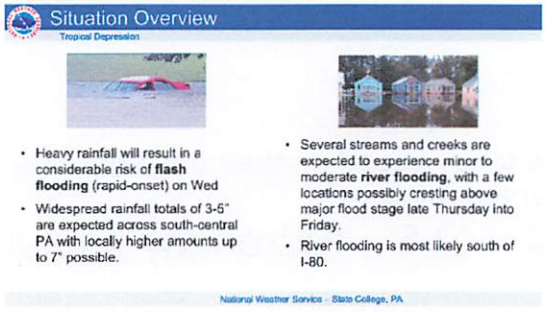
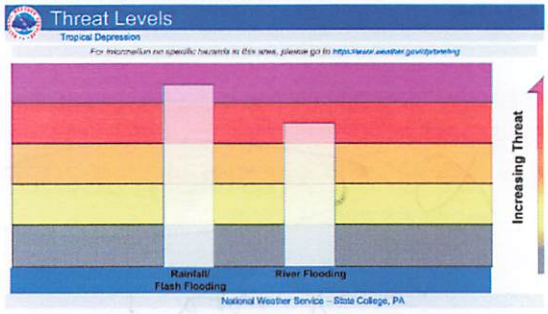
1: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Situation Overview.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



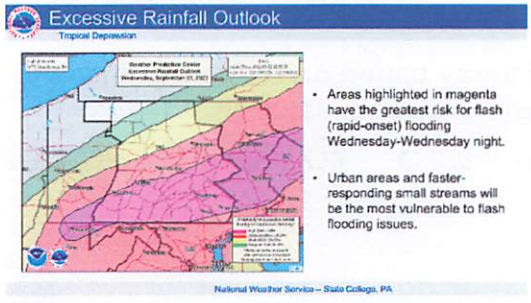
2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful ☑ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



14: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
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Share what I learned about NWS products today with others.	●	○	○	○	○
Seek NWS information about extreme weather risks.	●	○	○	○	○
Use NWS products and information in your decision-making	●	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	●	○	○	○	○
I felt comfortable voicing my opinion.	●	○	○	○	○
I know more about National Weather Service products.	●	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	●	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

Present to Fire Chief Assn & Boro Managers Assn.

17: Was anything in the session confusing? If yes, please explain.

No

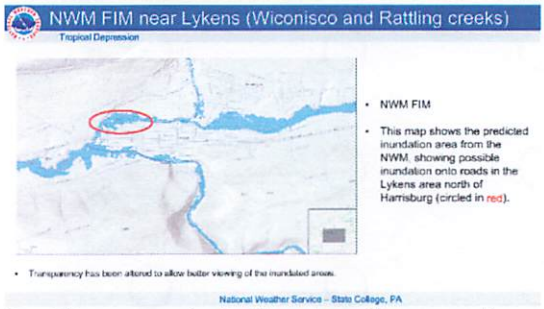
18: What improvements could be made in the format or content of this session?

Handout with web address

Thank you for participating!

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



9: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

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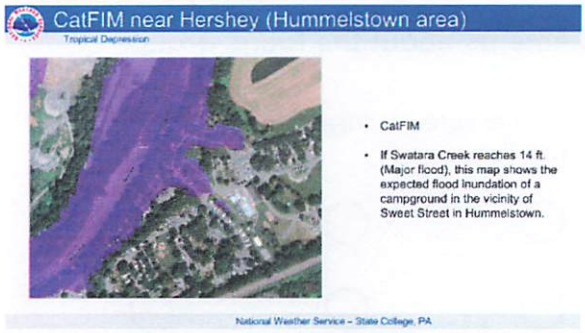

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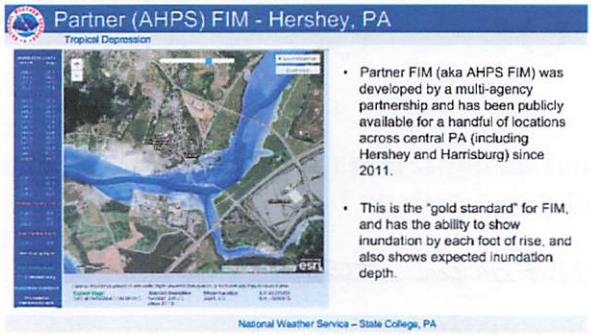

11: What changes might you recommend for these products?

Use the same color palette across agencies

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☑ Graphic-based ☑ Combination of both

4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

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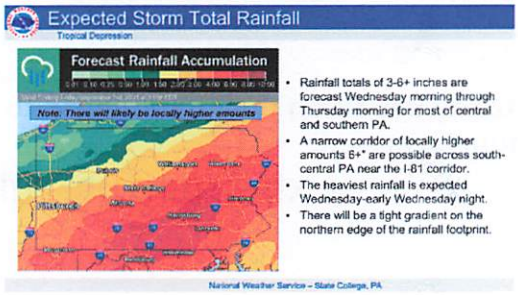

5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. River Flooding.

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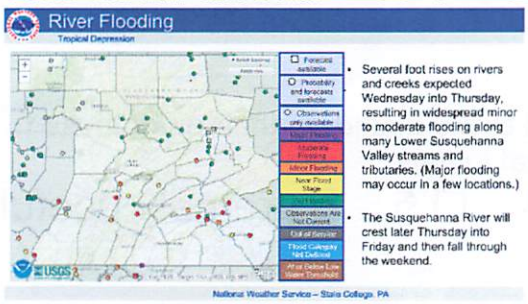
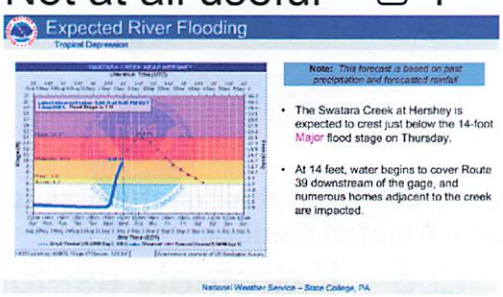


6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



7: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

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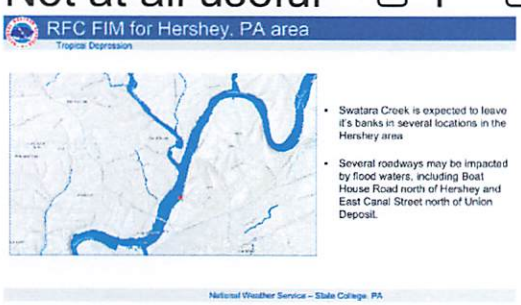

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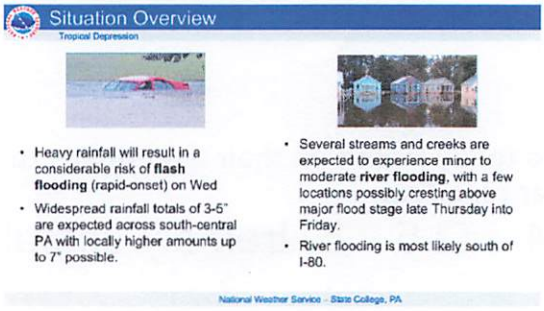
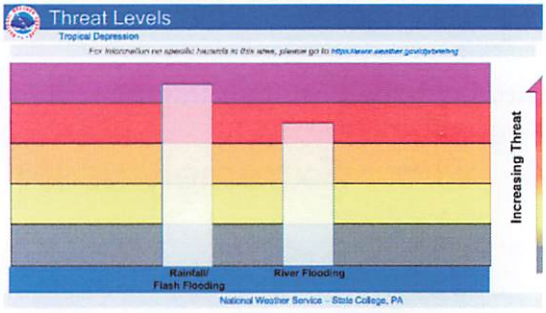
Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 Extremely useful



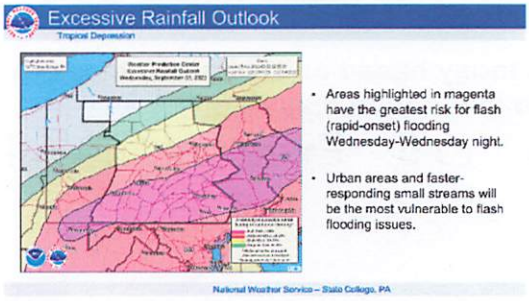
2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



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Create or revise plans to deal with extreme weather events using NWS products.	○	⊗	○	○	○
Share what I learned about NWS products today with others.	○	⊗	○	○	○
Seek NWS information about extreme weather risks.	⊗	○	○	○	○
Use NWS products and information in your decision-making	⊗	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	⊗	○	○	○	○
I felt comfortable voicing my opinion.	⊗	○	○	○	○
I know more about National Weather Service products.	⊗	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	⊗	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

list of websites or FB Pages that provide info

17: Was anything in the session confusing? If yes, please explain.

no everything was well presented

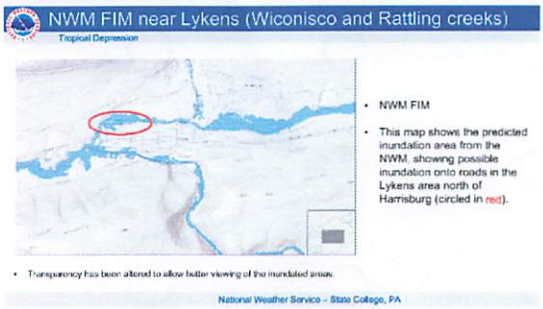
18: What improvements could be made in the format or content of this session?

I thought it was great as-is

Thank you for participating!

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 Extremely useful



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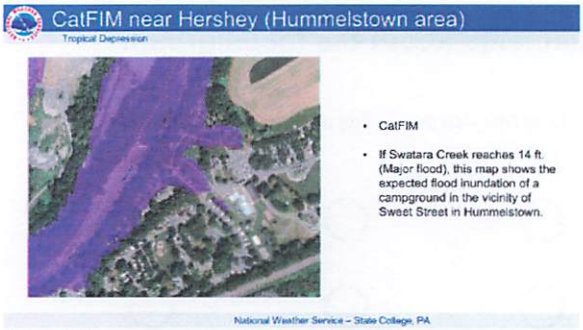

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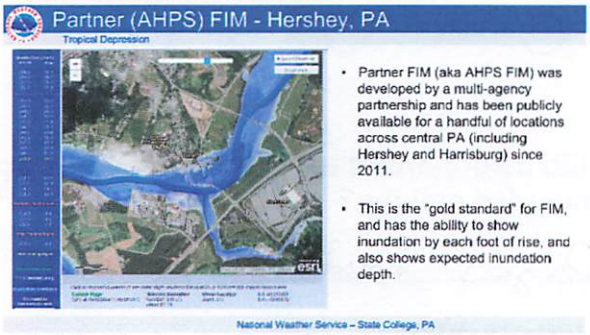

11: What changes might you recommend for these products?

Clarity of affected roadways locally

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

finding information and navigating complex webpages

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☐ Graphic-based ☒ Combination of both

4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

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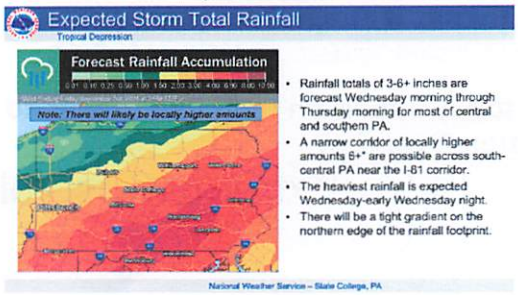

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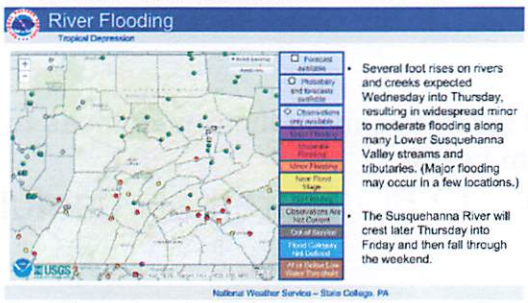

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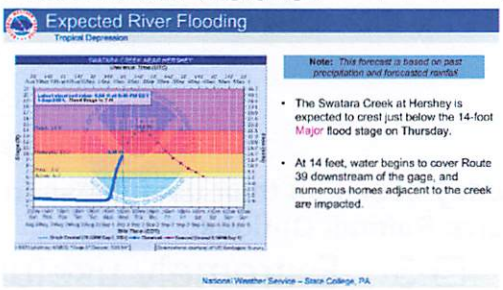

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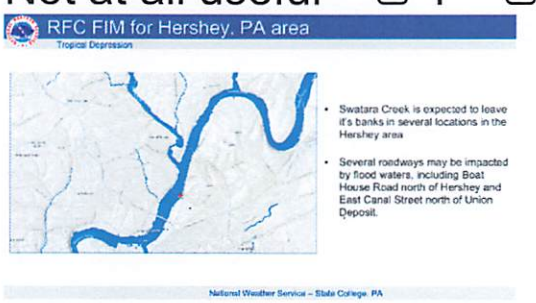

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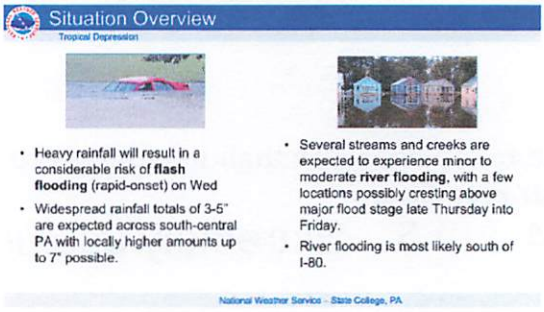

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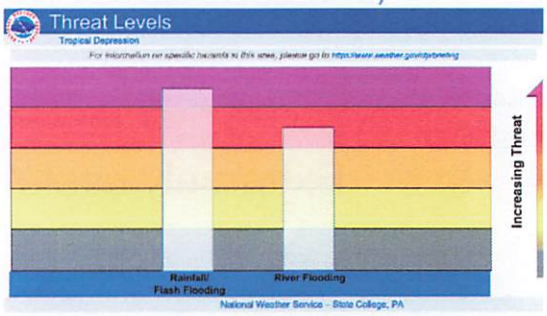
Not at all useful ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



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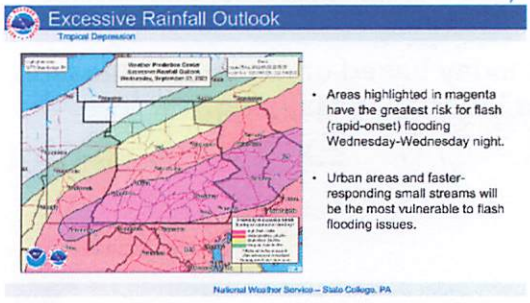

14: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
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Share what I learned about NWS products today with others.	✓	○	○	○	○
Seek NWS information about extreme weather risks.	✓	○	○	○	○
Use NWS products and information in your decision-making	✓	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	✓	○	○	○	○
I felt comfortable voicing my opinion.	✓	○	○	○	○
I know more about National Weather Service products.	✓	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	✓	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

Road closures

17: Was anything in the session confusing? If yes, please explain.

No

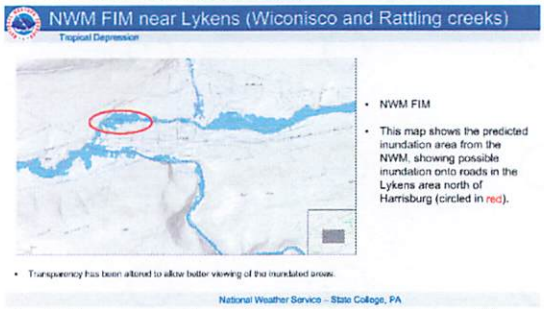
18: What improvements could be made in the format or content of this session?

Great presentation!

Thank you for participating!

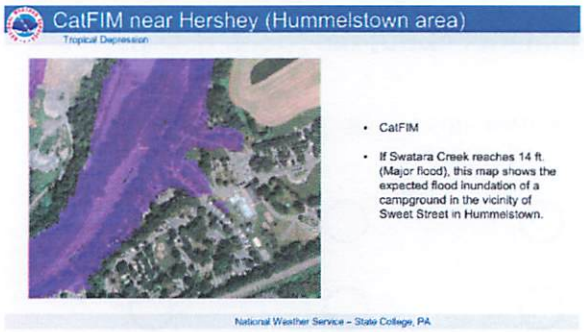
8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



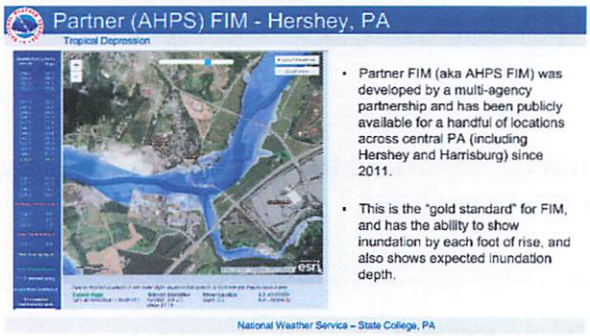
9: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



10: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



11: What changes might you recommend for these products?

Label layers/colors

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

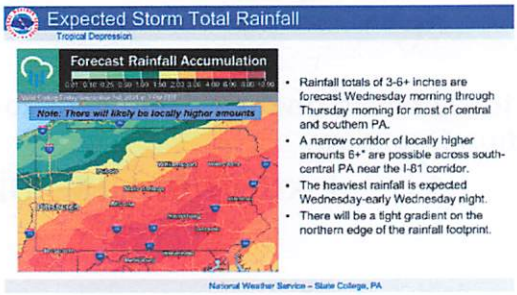
Accuracy

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☑ Graphic-based ☐ Combination of both

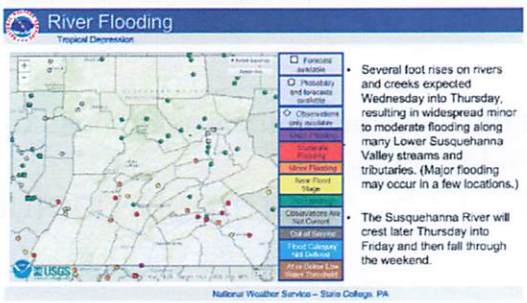
4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



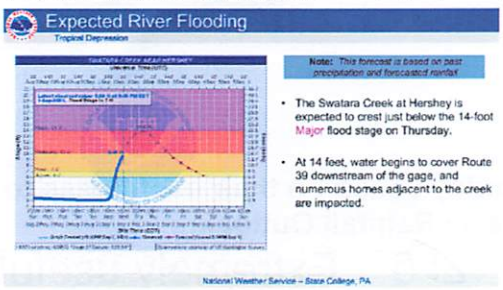
5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. River Flooding.

Not at all useful ☑ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



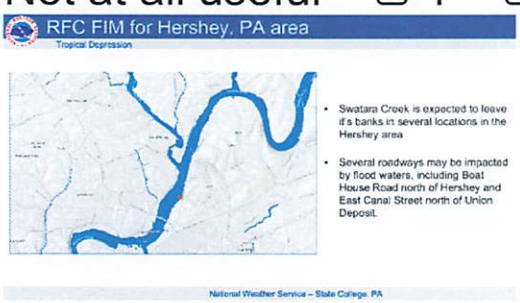
6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



7: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



Survey Questions - Post-Focus Group Session Survey (Residents)

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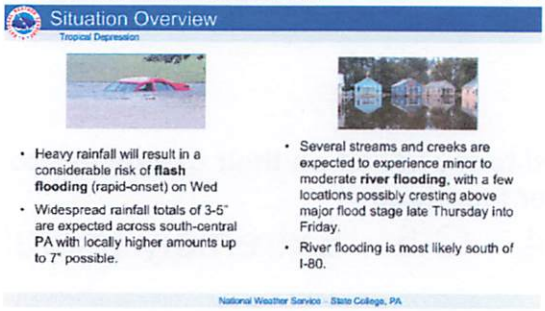
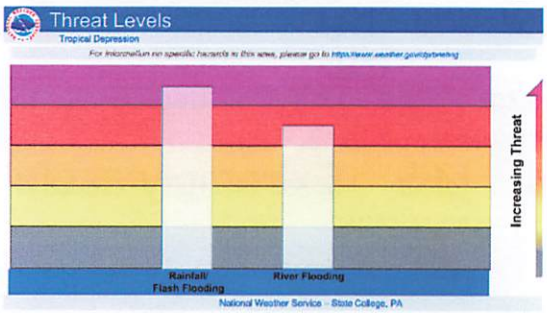
1: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Situation Overview.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



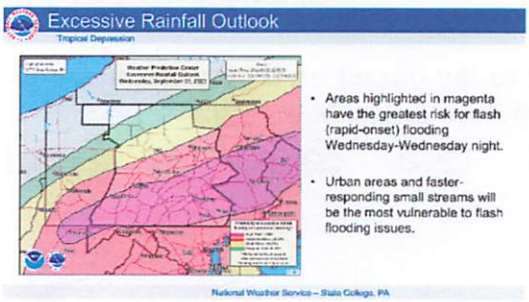
2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful ☐ 1 ☐ 2 ☑ 3 ☐ 4 ☐ 5 Extremely useful



3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



14: After attending today's session, how likely are you to:

Select one	Very likely	Somewhat likely	Neither likely nor unlikely	Somewhat unlikely	Unlikely
Create or revise plans to deal with extreme weather events using NWS products.	⊗	○	○	○	○
Share what I learned about NWS products today with others.	⊗	○	○	○	○
Seek NWS information about extreme weather risks.	⊗	○	○	○	○
Use NWS products and information in your decision-making	⊗	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	⊗	○	○	○	○
I felt comfortable voicing my opinion.	⊗	○	○	○	○
I know more about National Weather Service products.	⊗	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	⊗	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

Dam levels & release timing / Overlay w/ road closure maps

17: Was anything in the session confusing? If yes, please explain.

n/A

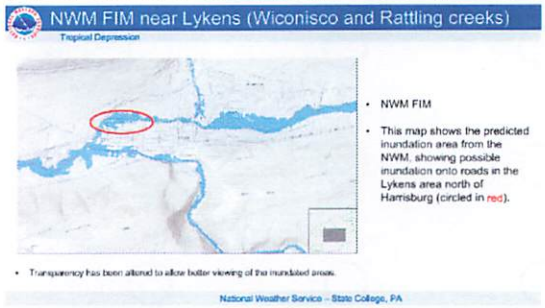
18: What improvements could be made in the format or content of this session?

n/a

Thank you for participating!

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 Extremely useful



9: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

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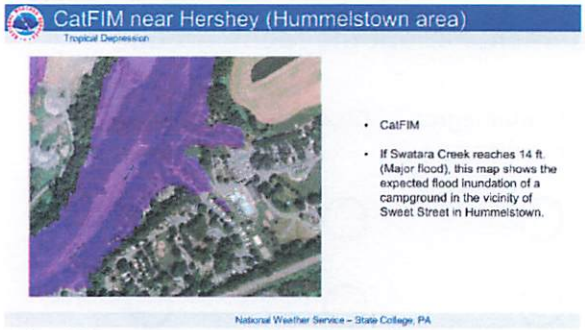
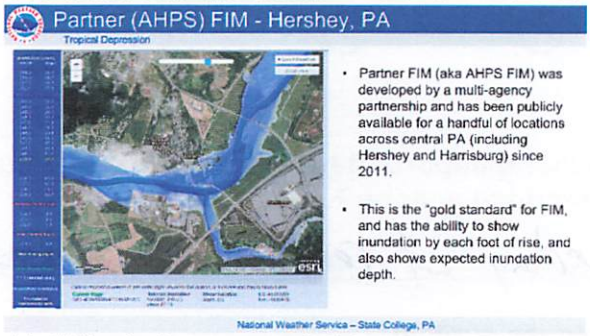


10: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5 Extremely useful



11: What changes might you recommend for these products?

Anything highlighting what things look like on a good day vs. during the event.

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

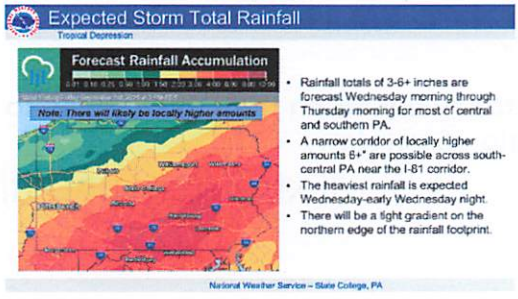
Clarity / Personal Impact / Lack of local Knowledge / Complex terminology

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☐ Graphic-based ☒ Combination of both

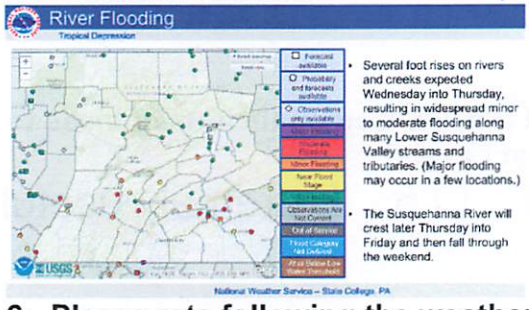
4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

Not at all useful ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 Extremely useful



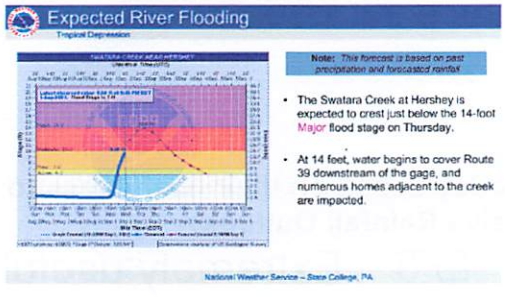
5: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. River Flooding.

Not at all useful ☐ 1 ☒ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



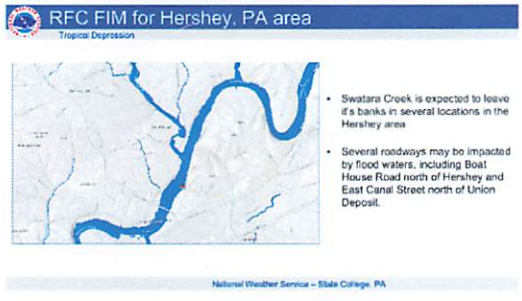
6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 Extremely useful



7: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 Extremely useful



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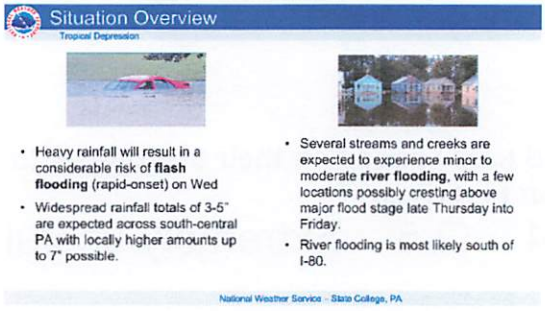
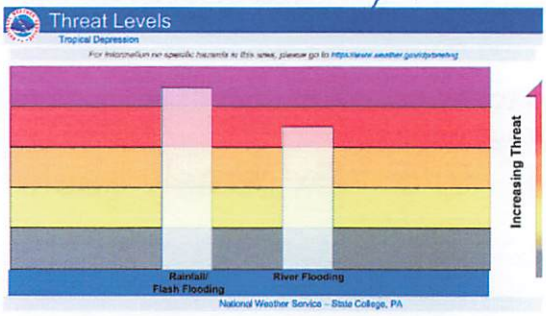
1: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Situation Overview.

Not at all useful ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 Extremely useful



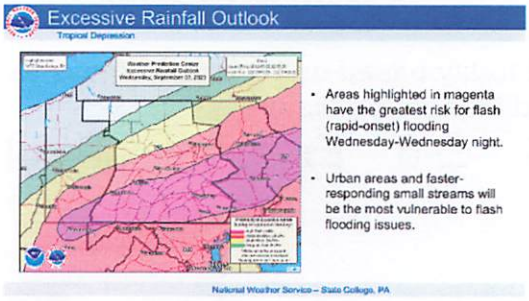
2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



3: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Excessive Rainfall Outlook.

Not at all useful ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5 Extremely useful



14: After attending today's session, how likely are you to:

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Create or revise plans to deal with extreme weather events using NWS products.	☑	○	○	○	○
Share what I learned about NWS products today with others.	☑	○	○	○	○
Seek NWS information about extreme weather risks.	☑	○	○	○	○
Use NWS products and information in your decision-making	☑	○	○	○	○

15: Please rate your agreement with the following statements about the focus group. Please check ONE box for each statement.

Select one	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
The information was clearly presented.	☑	○	○	○	○
I felt comfortable voicing my opinion.	☑	○	○	○	○
I know more about National Weather Service products.	☑	○	○	○	○
I feel I could use National Weather Service resources to judge my community's risk	☑	○	○	○	○

16: Beyond the questions asked today, what else would be important to know about how you gather NWS information about flood risks and your intended actions?

~~General~~ General education about terms

17: Was anything in the session confusing? If yes, please explain.

NO - everything explained clearly

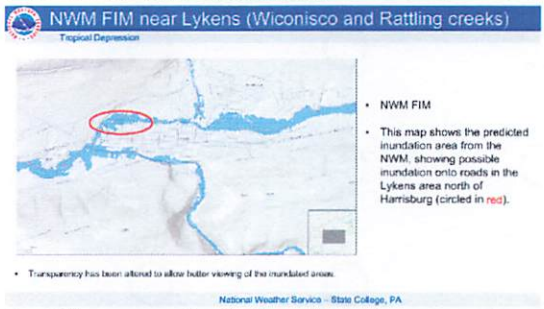
18: What improvements could be made in the format or content of this session?

Nothing

Thank you for participating!

8: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Flood Inundation Mapping.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



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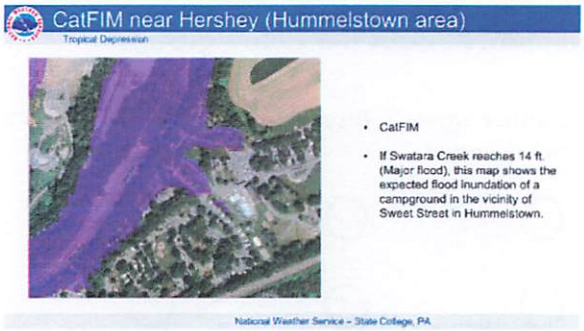

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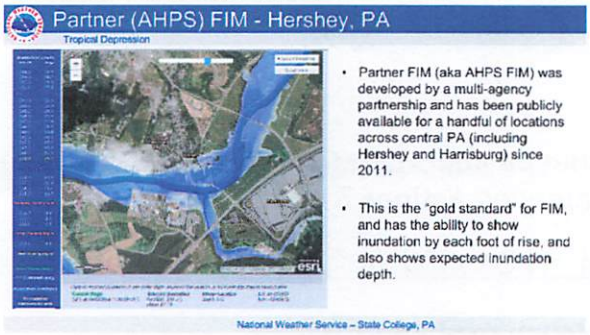


11: What changes might you recommend for these products?

#2 - define colors #10 - contrast central line creek #5 - too busy (on the right)

12: What is the biggest barrier you face in using NWS precipitation and flood forecast products?

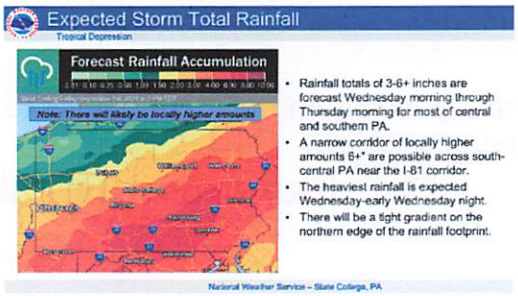
Access to a computer. Prefer mobile app.

13: Do you prefer text-based or graphical/visual NWS products in trying to understand the potential for extreme precipitation and flooding?

☐ Text-based ☐ Graphic-based ☑ Combination of both

4: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Storm Total Rainfall.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 Extremely useful



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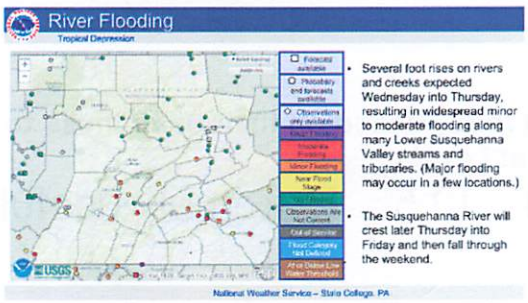
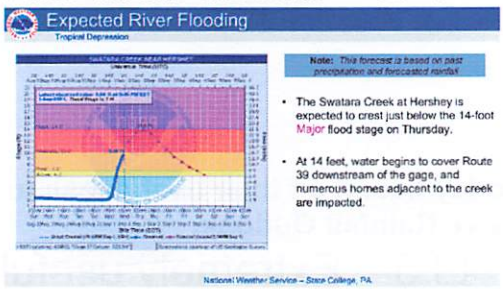


6: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Hydrograph.

Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



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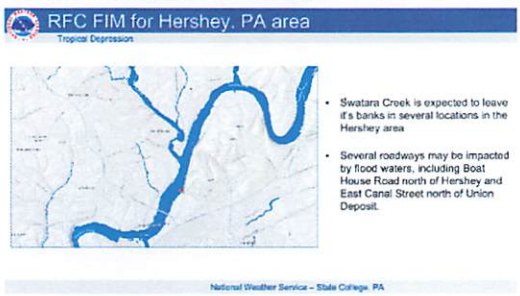
Not at all useful ☐ 1 ☑ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



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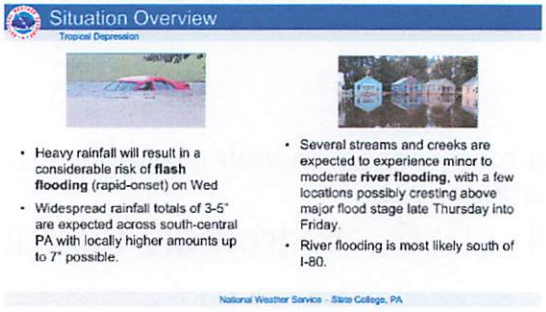
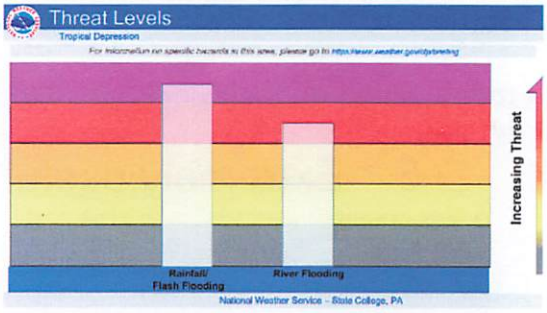
Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful



2: Please rate following the weather products discussed today based on their usefulness to you in assessing your community's flood situation. Threat Levels.

Not at all useful ☑ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 Extremely useful



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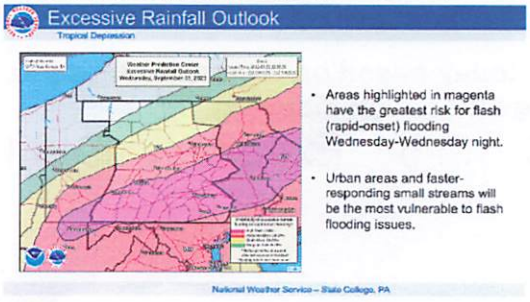
Not at all useful ☐ 1 ☐ 2 ☐ 3 ☑ 4 ☐ 5 Extremely useful