

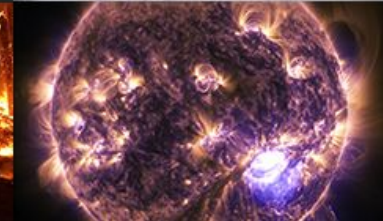
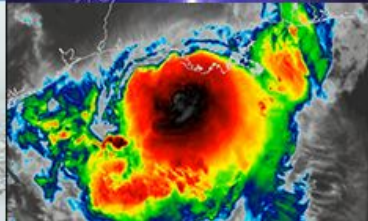
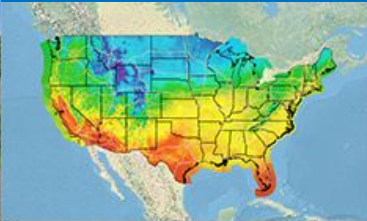


**NATIONAL
WEATHER
SERVICE**

Review of the HWO/GHWO and Proposed Simplification

April 30, 2024

Thomas Winesett NWS Greenville-Spartanburg, SC





Question: Do you know what the Hazardous Weather Outlook (HWO) is?



- A. Yes
- B. No



Do you know what the Hazardous Weather Outlook (HWO) is?

Yes



No





Example of the HWO

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pi1=HWOOGSP&e=202401091213>





Question: Do you use the HWO?



A. Yes

B. No



Do you use the HWO?

Yes



No





Question: How often do you use the HWO and to what extent?



- A. I never use the HWO.
- B. I sometimes use the HWO, but it is not part of my decision making process.
- C. I frequently use the HWO and sometimes use it as part of my decision making process.
- D. I rely heavily on the HWO and frequently use it as part of my decision making process.



How often do you use the HWO and to what extent?

I never use the HWO.

0%

I sometimes use the HWO, but it is not part of my decision making process.

0%

I frequently use the HWO and sometimes use it as part of my decision making process.

0%

I rely heavily on the HWO and frequently use it as part of my decision making process.

0%





Question: Do you know what the Graphical Hazardous Weather Outlook (GHWO) is?



A. Yes



B. No



Do you know what the Graphical Hazardous Weather Outlooks (GHWO) is?

Yes



No





Example of the GHWO

<https://www.weather.gov/erh/ghwo?wfo=gsp>





Question: Do you use the GHW0?



A. Yes

B. No



Do you use the GHWO?

Yes



No





Question: How often do you use the GHWO and to what extent?



- A. I never use the GHWO.
- B. I sometimes use the GHWO, but it is not part of my decision making process.
- C. I frequently use the GHWO and sometimes use it as part of my decision making process.
- D. I rely heavily on the GHWO and frequently use it as part of my decision making process.



How often do you use the GHWO and to what extent?

I never use the GHWO.

0%

I sometimes use the GHWO, but it is not part of my decision making process.

0%

I frequently use the GHWO and sometimes use it as part of my decision making process.

0%

I rely heavily on the GHWO and frequently use it as part of my decision making process.

0%





Question: Do you prefer the text HWO or Graphical HWO?



- A. I prefer the text HWO.
- B. I prefer the Graphical HWO.
- C. I prefer to use both.



Do you prefer the text HWO or Graphical HWO?

I prefer the text HWO.



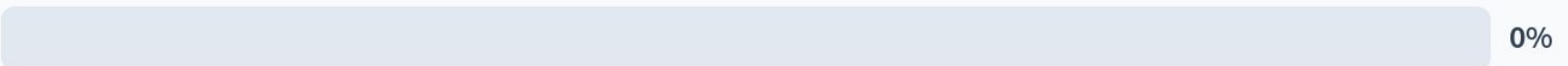
I prefer the Gaphical HWO.



I prefer to use both.



I don't use either.





Question: Would you be ok if day 1 thunder mention was removed from the text HWO?



- A. Yes
- B. No



Would you be okay if day 1 thunder mention was removed from the text HWO?

Yes



No



Unsure





Potential Simplified Versions of the Text HWO

Option 1: Hazard summary with current headlines



.Hazard Summary...



A line of severe thunderstorms is expected along and east of I-85 this afternoon as a cold front moves across the area. Damaging winds will be the primary threat, but a couple tornadoes cannot be ruled out. Light snow will be possible across the mountains above 4000ft tonight behind the front.



Later in the week, a strong storm system will bring the potential for widespread heavy rain and possible flash flooding.



Please listen to NOAA weather radio or go to weather.gov on the Internet for more information about the following hazards.



Wind Advisory.





Potential Simplified Versions of the Text HWO

Option 2: Hazard summary without current headlines



.Hazard Summary...



A line of severe thunderstorms is expected along and east of I-85 this afternoon as a cold front moves across the area. Damaging winds will be the primary threat, but a couple tornadoes cannot be ruled out. Light snow will be possible across the mountains above 4000ft tonight behind the front.



Later in the week, a strong storm system will bring the potential for widespread heavy rain and possible flash flooding.





Potential Simplified Versions of the Text HWO

Option 3: Text HWO tied to the Graphical HWO



This would follow the current format with multiple segments, but the text would be pre-canned and tied to the threat levels in the graphical HWO. For example, limited, elevated, significant and extreme threat levels for wind would each have predetermined text to describe the hazard. This text would then be used in the HWO segments.





Potential Simplified Versions of the Text HWO

Option 4: Discontinuation of the text HWO

Some NWS offices across the country have discontinued their text HWO and no longer issue the product. Another possible option is to discontinue the text HWO and let the graphical HWO stand alone to represent possible hazards.





Question: If changes were to to be made to the HWO, which option would you prefer?



- A. Option 1: Hazard summary with current headlines
- B. Option 2: Hazard summary without current headlines
- C. Option 3: Text HWO tied to the graphical HWO
- D. Option 4: Discontinue the text HWO and let the graphical HWO stand alone to represent possible hazards
- E. I prefer the current version of the HWO



If changes were made to the HWO, which option would you prefer?

Option 1: Hazard summary with current headlines.

0%

Option 2: Hazard summary without current headlines.

0%

Option 3: Text HWO tied to the graphical HWO.

0%

Option 4: Discontinue the text HWO and let the graphical HWO stand alone to represent possible hazards.

0%

I prefer the current version of the HWO.

0%

