

NRRWAVES Frequently Asked Questions

1. What does NRRWAVES stand for?

NOAA Weather Radio With All-Hazards VTEC Enhanced Software.

2. Why was NRRWAVES developed?

NRRWAVES was developed to replace all the existing formatter capabilities in WWA and CAFE. NRRWAVES utilizes VTEC coding found in an increasing suite of NWS products to better identify, produce and manage outbound CRS Weather Messages.

3. I've configured NRRWAVES to include the county/zone names in a product but they are not showing up in output.

You must have an Intro phrase configured in order to county/zone names in the text. Pairing an intro phrase with the county list yields a well worded and informative combination.

An Intro phrase is also required to get Preamble text in the product

4. What do I do if I have a question or a problem with the NRRWAVES software?

Post a message to the NRRWAVES listserv. To join the NRRWAVES listserv click [here](#).

5. How do I configure the ZFP to only play the first five periods of the forecast?

NRRWAVES supports basic formatting of the ZFP product but this product is handled by the GFE produced SAF (Service Area Forecast). The SAF is an extremely configurable product both temporally and spatially.

6. I'd like to include the county/zone names in a product but I do not wish to include an Intro phrase in the product.

Your best bet is go ahead and configure an Intro phrase (such as **QZX**) and then edit your **WordFile.txt** file to include the phrase:

QZX, ||

this would allow you to list the county/zone names without having an Intro phrase in the product.

7. I have a user who has a hard time reading the file names in the NRRWAVES Browser, how can I make the background lighter?

If a user has problems viewing files in the NWRWAVES Browser, try the following:

copy /awips/adapt/NWRWAVES/browser/browser.cfg to their home directory and then edit the file to change the line:

```
set LIST_BACKGROUND #0077bb
```

to

```
set LIST_BACKGROUND lightblue      (or some other suitable color)
```

this will override the factory colors for that user.

8. I just issued a Wind Advisory and NWRWAVES created products using WIY for the PIL?

You need to check your product settings for your VTEC enabled products (particularly WSW, NPW and CWF products). Check the issuance and follow up PIL for all of the VTEC phenomena that occur with these products. You may wish to change these products from the VTEC PIL (WIY) to the AWIPS PIL (NPW), you may not but you do have the choice on a product by product basis.

9. I'm getting alerts at CRS that state "Non Broadcast Active Watch/Warning Message".

These alerts are telling you that a message that NWRWAVES sent to CRS never played before it expired. This is by design as NWRWAVES will send over messages that have two minute expiration time which are designed to remove an outdated message from the cycle. However if the message is classified as a watch or warning on CRS, you will get this error message if it does not play. The workaround is to reconfigure you product types to make them **Forecasts** instead of **Watches** or **Warnings**.

10. I'm getting error messages at CRS stating " Message from AFOS contains errors: Invalid message: replace id in MRD list."

These messages are occurring because an MRD number that NWRWAVES is referencing do not exist in the CRS database. This could be caused by someone manually removing a product from the cycle. They are safe to ignore.

11. I have a county that is served by two transmitters. How can I avoid duplicate alarm/SAME tones?

NWRWAVES will produce transmitter-specific weather messages using the three-character transmitter mnemonic you assign in configuration. When you add the new transmitter specific products to your CRS database, only check the matching the SAME option for that matching transmitter mnemonic. That way, each transmitter gets only one set of alarm tones for a warning for an overlapped county.

12. I can't find any Offshore Zones in the NWRWAVES Setup GUI. Where are they?

The Offshore Zones can be found by entering the identifier **OPC** in the Selected WFO/Center Site ID box.