

## TestOutNRRWAVES Testing Software

The **TestOutNRRWAVES** script allows sites to test out their NRRWAVES configuration, without risking the accidental transmission of AWIPS messages or the accidental invoking of AWIPS text database triggers.

*To install the script:*

1. Take the provided TestOutNRRWAVES.tar.gz file and move it to your /data/local directory on AWIPS.
2. Untar the distribution as **user fxa** on **dx1**:

```
cd /data/local  
tar zxvf TestOutNRRWAVES.tar.gz
```

This will create the directory **/data/local/TestOutNRRWAVES** on your AWIPS. Within this directory, the script **TestOutNRRWAVES** will be created.

3. Make sure the files have proper permissions:

```
chmod -R 775 /data/local/TestOutNRRWAVES
```

4. You are now ready to run the script.

*To use the script:*

1. Open a shell within AWIPS as user 'fxa', or any user with 'fxa' associated privileges. This will be screen #1.
2. Within this shell, type:

```
cd /awips/adapt/NRRWAVES
```

3. Check the current size of the file: VTEC\_Summary.txt

If it is **not** zero bytes, then save a copy of it off so you can restore it after testing is completed.

```
cd /awips/adapt/NRRWAVES  
cp VTEC_Summary.txt VTEC_Summary.txt.SAVED
```

4. Launch the NRRWAVES Setup GUI

```
./nrrwaves_setup.tcl
```

5. Select the **Summary Message Configuration Tab** (*the third tab*)
6. On the left hand side of the GUI, set the **Transmission** entry to **Pending**. If it is currently set to CRS, be sure to return it to this setting after testing is completed.
7. From the Menu bar, select File, then Save & Exit to close the setup GUI.
8. Change directories to the TEST directory

```
cd /awips/adapt/NWRWAVES/TEST
```

9. Open a second shell window on a different screen as user 'fxa', or any user with 'fxa' associated privileges. This will be screen #2.
10. Within this shell, type:

```
cd /data/local/TestOutNWRWAVES
```

11. You can view the output files from NWRWAVES in screen #1. You will be running the script in screen #2.
12. To invoke the script (in screen #2):

```
./TestOutNWRWAVES CCCNNNXXX num
```

where:

**CCCNXXX** is the product PIL you want to test

**num** is the number of versions you want the script to process

A sample command line might look like:

```
./TestOutNWRWAVES TOPSVRTOP 4
```

13. The script will start processing the desired products, starting with the oldest version first (oldest version = numbers of versions – 1) and will pause after processing each product.
14. As each product is processed, review the NWRWAVES output files in screen #1.
15. After you are finished testing, delete the VTEC\_Summary.txt file

```
rm -rf VTEC_Summary.txt
```

16. If you saved off a copy of your VTEC\_Summary.txt file in step 3, restore it now.

***mv VTEC\_Summary.txt.SAVED VTEC\_Summary.txt***

17. If you changed the Transmission setting in step 6, return it to its original value now.