

## Hydro Alerts and Alarms in AWIPS-2 Job Sheet

This is a review of setting Alerts and Alarms on AWIPS-2.

**NOTE:** The Alert/Alarm process still has a few DRs in build 16.1.

- Stay tuned for updates in future builds to see when they successfully work out the issues with the Alert/Alarm process completely.

### Process In AWIPS-2

- Alert/Alarm program was re-engineered into an *EDEX service* in AWIPS-2.
- As a result, this process is now re-written in Java and relies on some new **Apps\_defaults** tokens for control by the Focal Point
- This is documented at the top of the **run\_report\_alarm** script located in **/awips2/edex/data/share/hydroapps/whfs/bin**

To find the tokens, open the **Localization** perspective and expand:  
**Hydro Apps > Hydro > Apps\_defaults.**

1. Open the **BASE** file
2. Open the **SITE** file (to copy tokens from the **BASE** file and paste them into the **SITE** file to edit)
3. Use **<Ctrl>-F** to open the **Find/Replace** GUI and search for **report\_alarm**
4. The fourth instance (around line 175 in the **BASE** file) starts a comment section on **run\_report\_alarm** configuration and lists the changes to AWIPS-2 that describes the arguments that you can set and what the values are you can assign
5. Three arguments are set in the **BASE** version of the file
6. Open the **SITE** file (to copy tokens from the **BASE** file and paste them into the **SITE** file to edit)
7. If you choose, you can try to set other arguments in your **SITE** file...following the format of **argument : value**
8. **SUGGESTION:** Copy the **comment lines** in their entirety into the **SITE** file, and also the three arguments from the **BASE** file
  - This keeps your **SITE** token settings together so that anyone looking at your **SITE** file understands what you are attempting to do
9. **NOTE:** The value for **alarm\_product\_id** defaults to **CCCACRXXX**, just as in the **run\_report\_alarm** script in AWIPS-1. If preferred for your office, change this token to another ID, such as **STLRR3EAX**, for a product to trigger an alert or alarm on your text workstation because it exceeds a value as set in **HydroBase**
10. See the **HydroBase Limits Job Sheet** to set **Alert** and **Alarm** criteria in **HydroBase**