

7 Create a New Localization for Your Local Case

1. A new AWIPS localization usually needs to be created for every major AWIPS build upgrade, or when you create a case from scratch. If you have not customized your WES (Section 6), the localization you create will contain all the AWIPS default settings for color tables, templates, etc.

Note: If you try to use an old localization on a newer version of AWIPS associated with a new WES install, D2D will sometimes hang on the startup and some products may not be displayable.

2. Cd to your localizationDataSets directory in your local case.

e.g. `cd /data/awips/2002Jun12/localizationDataSets`

3. Move any old localization you are going to recreate.

e.g. `mv LOT LOT.ob72`

4. `cd /awips/fxa/data/localization/scripts` and run `mainScript.csh` with your localization ID:

e.g. `mainScript.csh LOT LOT`

Note: You will be prompted to enter your case name and verify it is correct.

5. When `mainScript.csh` is done, `cd /awips/fxa/WEScustomization/storagefiles`
6. Copy any `colorMaps.nc` and `*.bcx` files from the `/awips/fxa/WEScustomization/storagefiles` directory to your new localization in `<data_case>/localizationDataSets/xxx`, where `<data_case>` is your local case (e.g. 2002Jun12) and `xxx` is your localization (e.g. LOT).
7. Start D2D with the new localization, and verify your localization was successful and any customizations took effect. Once you have verified your localization was successful, then try running a simulation to test creating a warning with WarnGen.
8. To update other local cases with the new customizations, first create the links in the new case that point to the WEScustomization subdirectories (i.e. steps 4 - 7 in

Section 6.2) if they haven't been created. Then, back up the `customColorMaps.nc` file and `XXX` localization in the new case (we will now use 2002Jun12 as the old local case and 2003Feb01 as the new local case from LOT in the following command examples):

e.g. `cd /data/awips/2003Feb01/workFiles`

e.g. `mv customColorMaps.nc customColorMaps.nc.ob72`

e.g. `cd /data/awips/2003Feb01/localizationDataSets`

e.g. `mv LOT LOT.ob72`

9. Then copy the `customColorMaps.nc` and new `XXX` localization into the new local case:

e.g. `cp /data/awips/2002Jun12/workFiles/customColorMaps.nc
/data/awips/2003Feb01/workFiles`

e.g. `cp -R /data/awips/2002Jun12/localizationDataSets/LOT
/data/awips/2003Feb01/localizationDataSets`

10. If you would like to be able to create localizations for other CWA's that contain your WarnGen templates, color tables, etc, then complete Section 9.