Installing CA3T

1. Uninstall any previous version of CA3T.
2. Uncompress NHDPlusCA3T_V<version number>.zip to a working directory on a local hard disk.
3. Run CA3Tsetup.exe. CA3T may be installed in any desired folder except DO NOT install CA3T in "C:\Program Files" or any other folder that contains spaces.
4. Download the NHDPlus Tools Application Data from the NHDPlus Tools webpage. Uncompress the zip file preferably onto a local hard disk.
5. Download ALL the NHDPlus data files for the regions that will be processed by CA3T. Uncompress all regions into a single high level folder, preferably on a local hard disk (e.g. C:\NHDPlusData).
6. Create a folder where CA3T will manage temporary files during processing (e.g. C:\NHDPlusToolsTemp).
7. Run CA3T and respond to the three Post-installation prompts:
    a. "Select the location that contains the NHDPlus Data." - Navigate to the location where the NHDPlus data was uncompressed. See step 5 above and "NHDPlusPath" below.
    b. "Select the location for temporary file management." - Navigate to an existing directory where CA3T may place temporary processing data. See step 6 above and "TempWorkAreaPath" below.
    c. "Select the location that contains the NHDPlus Tools Application Data." - Navigate to the directory where the NHDPlus Tools Application Data was uncompressed. See step 4 above and "ApplicationDataPath" below.

CA3T Initialization File:

An initialization file (CA3T.ini) is located in the directory where CA3T is installed and is used by the CA3T during processing. It is also used to save values entered by the user. Some of these parameters are set during program installation, some are set during the first execution of CA3T and still others are set each time CA3T is executed. If CA3T is not running properly, use a text editor (such as Notepad) to check that the following parameters are set properly.

ApplicationDataPath= <path to the NHDPlus Tools Application data on the local hard disk>
   This parameter holds the location of NHDPlus Tools Application data and is required. The NHDPlus Tools Application data must be installed for CA3T to work. The data is found, along with the CA3T installation package, on the NHDPlus Tools page. The data must be downloaded and uncompressed to the local harddisk. Uncompressing the data creates a folder called "\NHDPlusAppData". This parameter in the CA3T.ini file must point to that folder on the local harddisk. Upon the first execution of CA3T, the user is prompted to point to this folder on the local harddisk. This parameter should only be changed if the NHDPlus Tools Application data is moved. **The path/folder names should not contain spaces.**

NHDPlusPath= <path to NHDPlus data on the local harddisk>
   This parameter holds the location of NHDPlus data and is required. The NHDPlus data for each hydrologic region to be processed must be installed for CA3T to work. The data is

found on the NHDPlus web page. The NHDPlus data must be downloaded and uncompressed to the local harddisk. A single folder should be created to hold all hydrologic regions of NHDPlus data (e.g. \NHDPlusData). All NHDPlus data zip files should be uncompressed into that single folder. Once the NHDPlus data is uncompressed, there will be sub-folders called "\NHDPlusrr" for each hydrologic region (rr). Upon the first execution of CA3T, the user is prompted to high level folder that holds all the NHDPlus data (e.g. \NHDPlusData). This parameter should only be changed if the NHDPlus data is moved. **The path/folder names should not contain spaces.**This is set during installation and should only be changed if the data is moved. **The path/folder names should not contain spaces.**

TempWorkAreaPath=<path to a temporary work area on local harddisk>
This parameter points to a temporary work area on the local harddisk that CA3T will use during processing. After a successful run, CA3T deletes the potentially large amount of data placed in this folder. The user must have write privileges for this folder. It is recommended that you create a dedicated folder for this purpose rather than use one of the default system folders (e.g., C:\NHDPlusToolsWork). **The path/folder names should not contain spaces.**