StateCU Installation Notes:

The StateCU application delivered via the CDSS website includes Fortran version 13.10 and GUI version 7.1.  This newest version of the GUI is required in order to continue to use the webservices that are utilized the by the StateCU Wizard component of the GUI; the server referenced by previous versions will soon be removed.

On the CDSS website, the StateCU Model Installation link downloads the installation file StateCU_Setup.msi.  Additional links allow download of the StateCU Documentation, Install Notes (this file), Quick Start Manual, and Release Notes.

To install this new StateCU modeling system, first remove previous versions of StateCU.  Recent previous versions of StateCU can usually be removed via the Windows Control Panel using "Add or Remove Programs". Look for StateCU entries and then select "Remove" to uninstall.  Under default conditions, StateCU installs system files at \CDSS\StateCU\bin. Following uninstall of an older version using the Windows Control Panel, there may be some remaining files left in \CDSS\StateCU\bin, if so the entire bin folder can be deleted.

On the CDSS website (https://www.colorado.gov/pacific/cdss/statecu), clicking on the StateCU Model Installation link will download the StateCU_Setup.msi file to your downloads folder or the download folder that is specified in your browser.  Typically, you can right click on the file tab shown in the browser to select options such as show in folder or open.  Selecting open or double clicking on the StateCU_Setup.msi file should begin the installation process.  Once the StateCU installation begins, you will be prompted for the directory in which to install the StateCU program.  It is highly recommended to not change the default value which is C:\CDSS\StateCU\bin.  From this point the rest of the installation will complete quickly and StateCU will be installed on the target machine and should be ready to use.

This setup application takes advantage of the features of the Microsoft .NET environment, and therefore it is a prerequisite for the installation.  .NET is almost always installed in Windows, so rarely will it need to be installed by the user.  However, if it is missing, this StateCU setup application will detect it and will automatically connect to the Microsoft web site, download and install .NET.  In this case you will see a "Downloading..." and then an "Installing..." message during the setup.  Please be patient as the .NET download and install can take several minutes, depending on the bandwidth of the internet connection and the speed of the computer.  If the target computer does not have .NET installed and is not connected to the internet, then be sure to acquire and install it prior to running the StateCU setup program.

Here is what the setup application does:

1. Creates the installation directory (C:\CDSS\StateCU\bin) if it does not already exist, and then copies the following files into it:
     A. StateCUI.exe – This file is the StateCU consumptive use model. It is a console executable (DOS) written in FORTRAN.

B. StateCUI.exe - The graphical user interface (GUI) to the StateCU model and its several input and output files.  It is a Windows application written in VB.NET.  This is the application that most users will use to create and edit scenarios, run the model, and view output data.
     C. Excel output template files used when creating charts and graphs from the GUI.  These files should not be changed or deleted by the user.
     D. Various runtime libraries and ActiveX libraries necessary for the GUI.  When necessary, these libraries are registered with Windows automatically.

2. Creates an entry for StateCU in the CDSS folder in the Start/Programs menu.

3. Installs the StateCU documentation.  Creates the documentation directory (C:\CDSS\StateCU\doc) if it does not already exist, and then copies the following files into it:
     A. StateCU_07-2012.pdf (the StateCU user manual)
     B. StateCU_Installation_Notes.txt (this an old file that can be deleted; the current pdf file you are reading is now applicable)

4. Creates an Uninstall program for StateCU that is available in Control Panel - Add/Remove Software.  This new uninstall utility removes the program, including deleting the files and unregistering unnecessary runtime libraries.