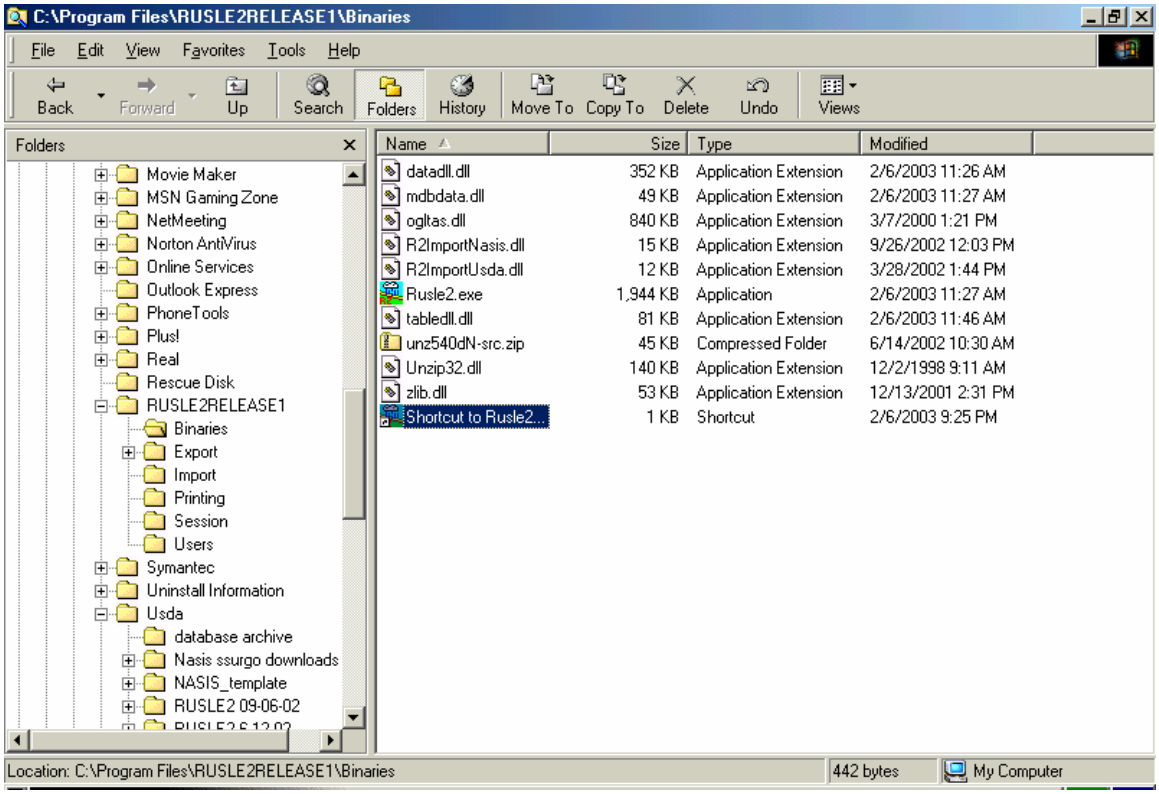
Rusle2 Program File

Instructions for downloading and installing RUSLE2

Copy the current RUSLE2 install file from the “Download file” folder on the website and place it in a temporary folder on your computer’s hard drive.

Open Windows Explorer, locate the file and rename the file by removing the extra file extension “.renamed” from the file name. Double click the file. Follow the install shield step by step instructions. If previous versions of rusle2 were installed with the install shield they must be uninstalled. Previous test versions that were installed with a self-extracting installer should be deleted using Windows Explorer after saving the old database for use in importing any managements, profiles worksheets or plans.

After the install is complete reboot the computer and use Windows explorer to create a shortcut and drag and drop it onto your desktop screen. You can rename it as you wish.

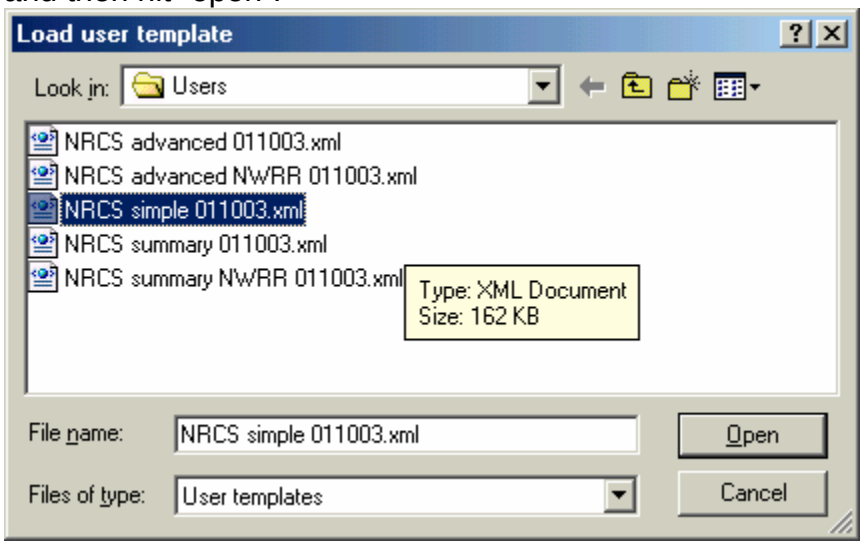


From the desktop screen, click the RUSLE2 shortcut and boot RUSLE2.

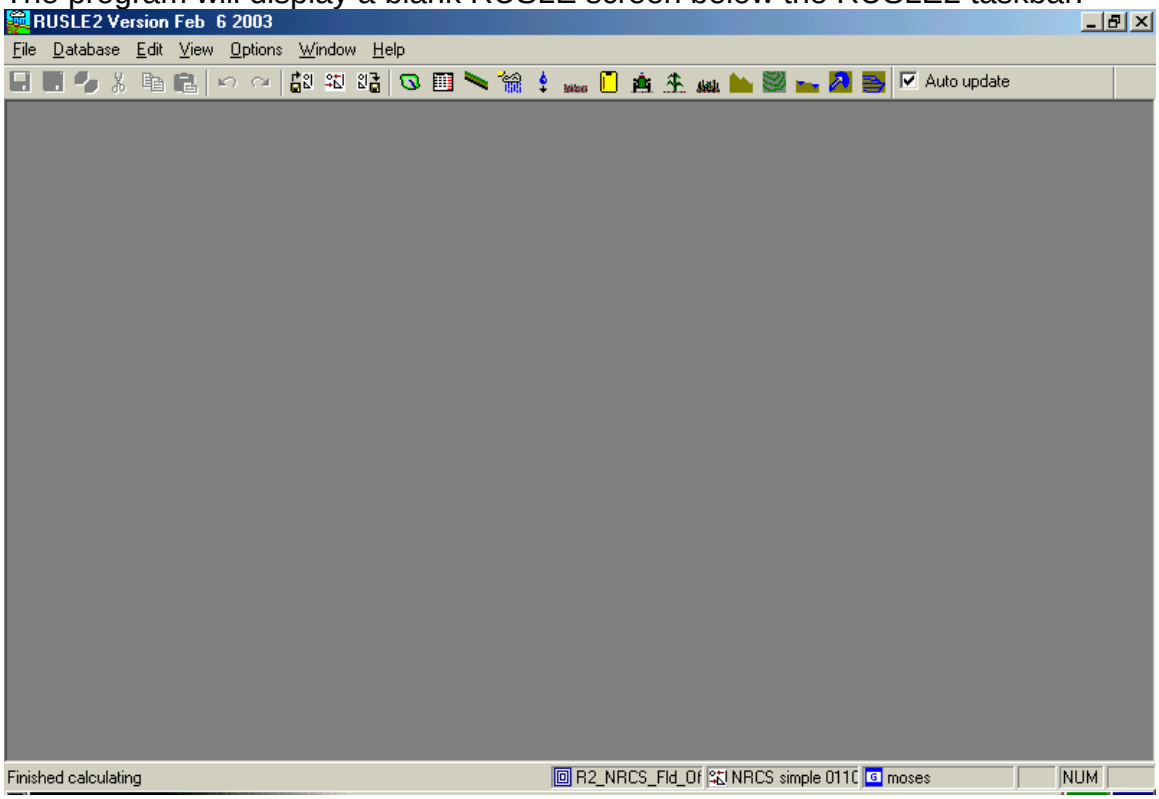
Now you need to set up the model so it boots up using the NRCS simple user set of profile, worksheet, and plan views and which one you want to be displayed. This is done by selecting “options’’ on the top RUSLE2 taskbar and drilling into “templates” and to “open” and selecting the NRCS simple user template.

A series of short cut buttons is also available on the main task bar to go directly to open, edit and save these user templates.

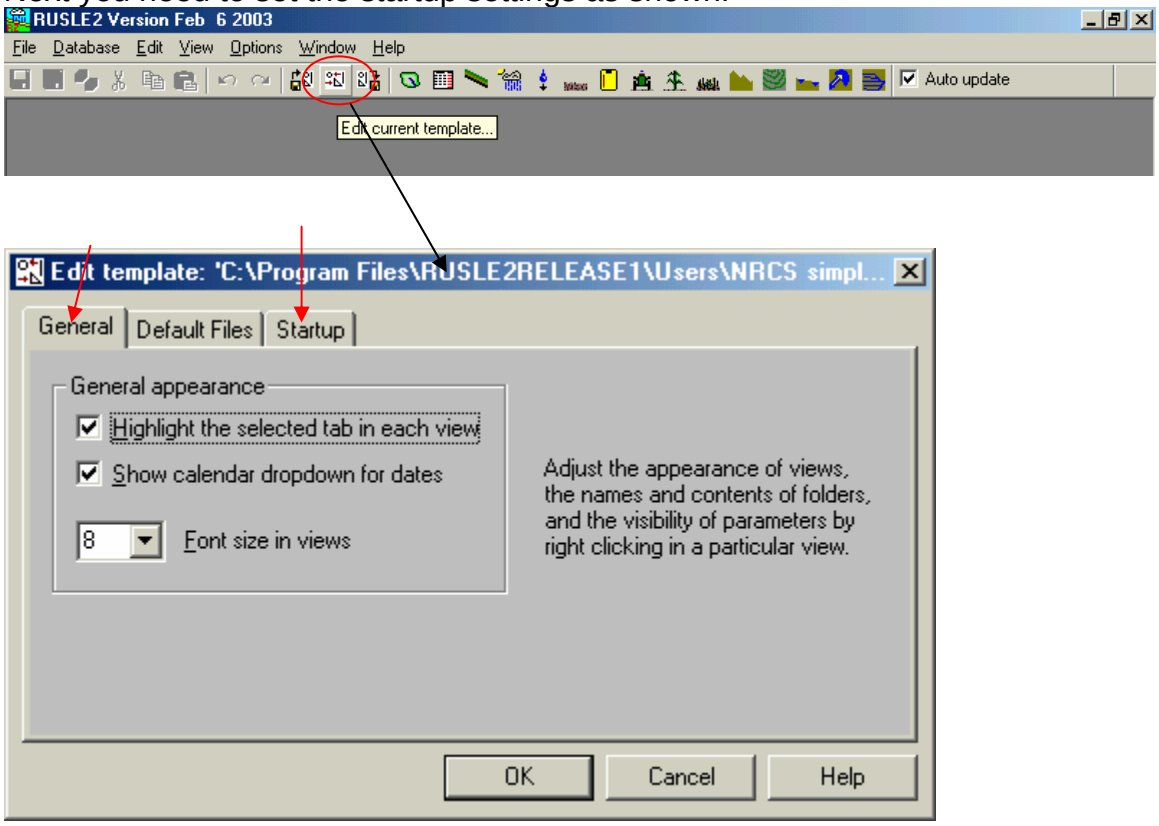
Open the Load user template choice box and select the NRCS simple templat and then hit “open”.

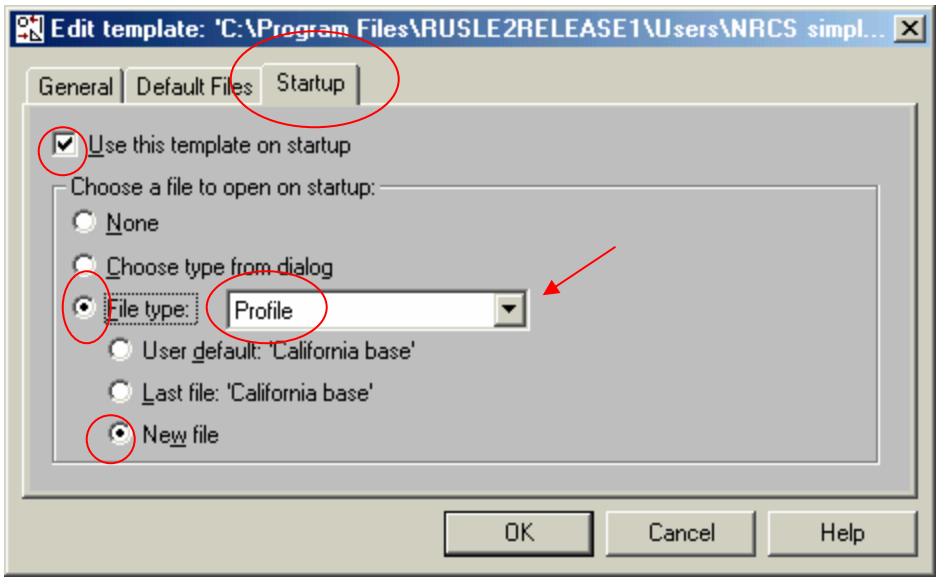


The program will display a blank RUSLE screen below the RUSLE2 taskbar.



Next you need to set the startup settings as shown.

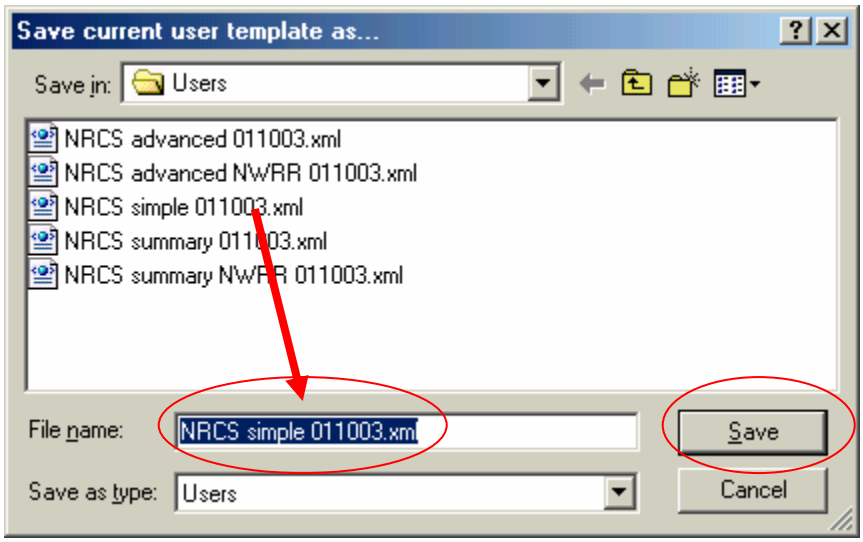




This will set the program to boot up to the simple user template and to open a blank profile screen so you can enter data and make a soil loss run.

Next you need to save these settings by using the third button.

The dialog box lists the NRCS simple template as the current selection so just save the setting with this file as shown below.



NRCS BASE Database

Instructions for use of the base data base and adding specific soils climate and management information.

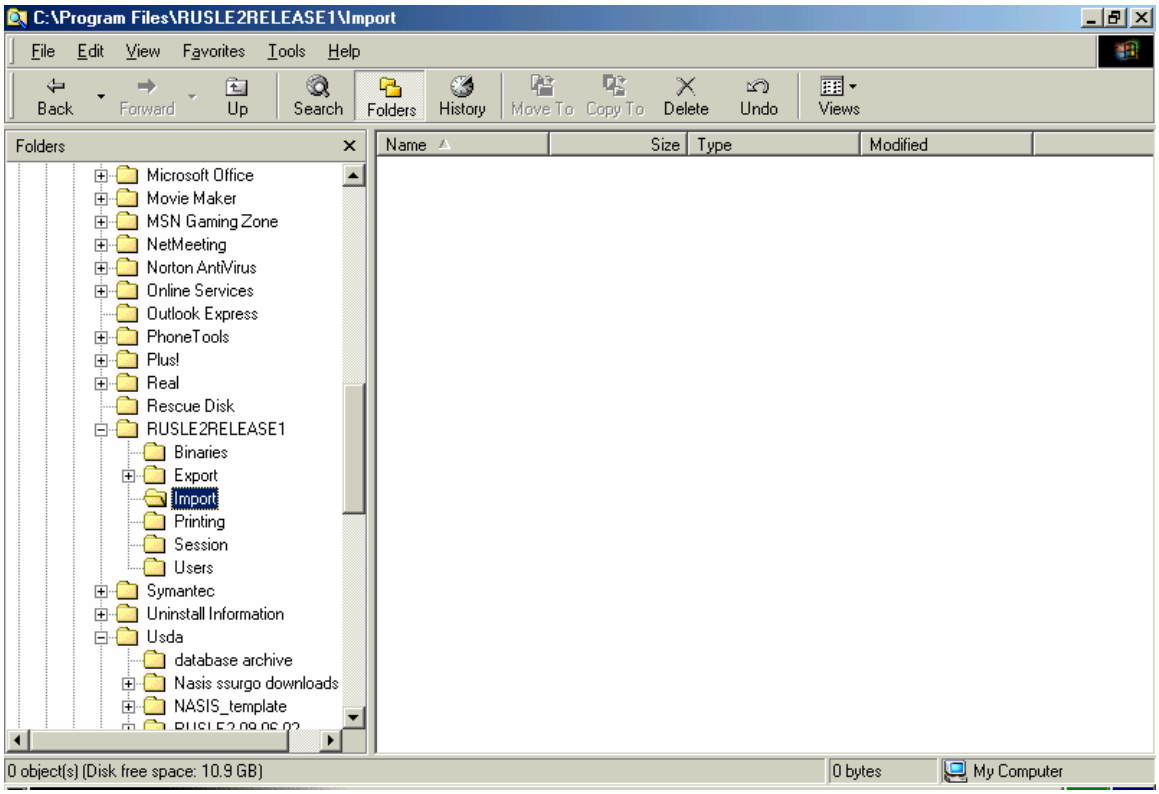
The install contains the base NRCS database. However it requires that you add the specific climate data for your state(s), the specific soils data for your county or soil survey area(s) and the specific set(s) of crop management templates for your Crop Management Zone or area of the country.

These additional parts of the database have been exported, packaged and made available on the RUSLE2 website.

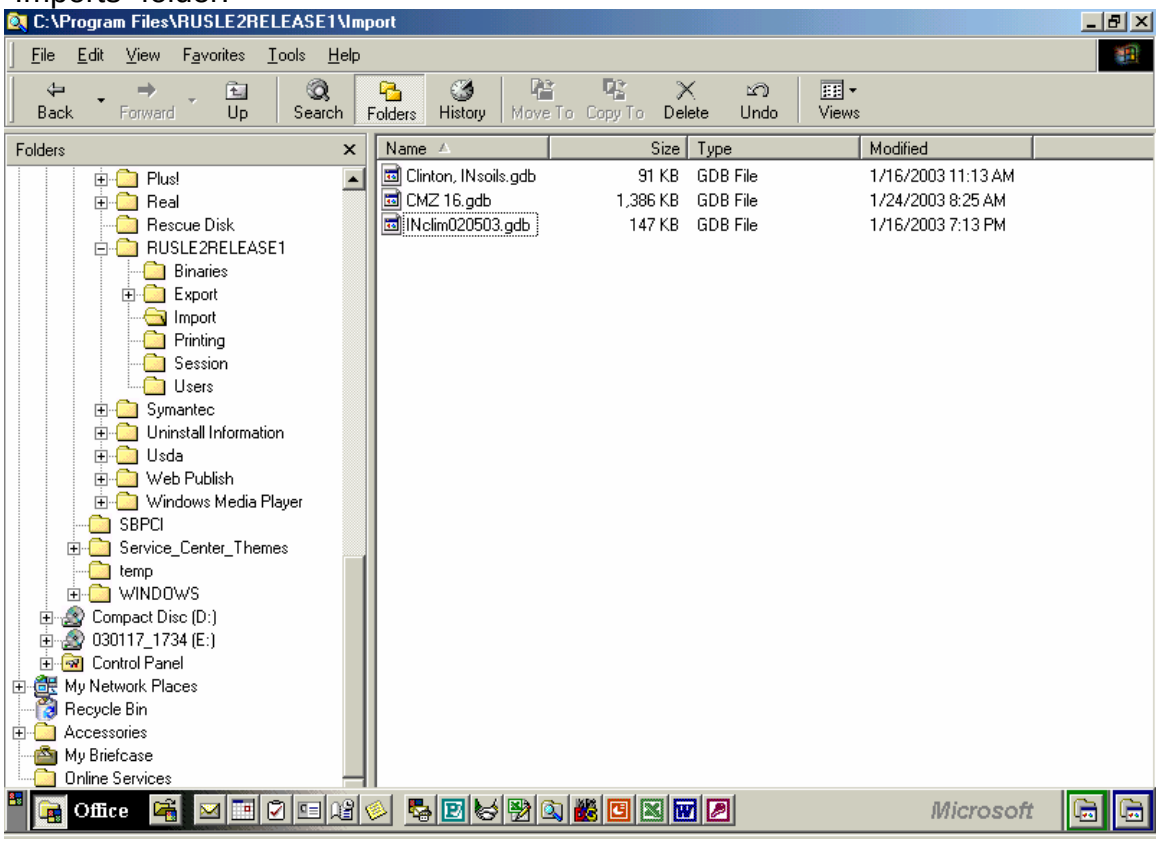
http://fargo.nserl.purdue.edu/rusle2_dataweb/RUSLE2_Index.htm

This allows the database to be kept small and specific to the area you plan to use RUSLE2 in.

These files must be copied down to your computer from the website, placed in a folder or directory and imported into the RUSLE2 database one file at a time. To expedite this process you should use Windows Explorer to create a folder called “Import” in the main RUSLE2 folder created by the install.



All additional locally needed database files containing soils, climate and management records should be copied from the website and placed in the “Imports” folder.

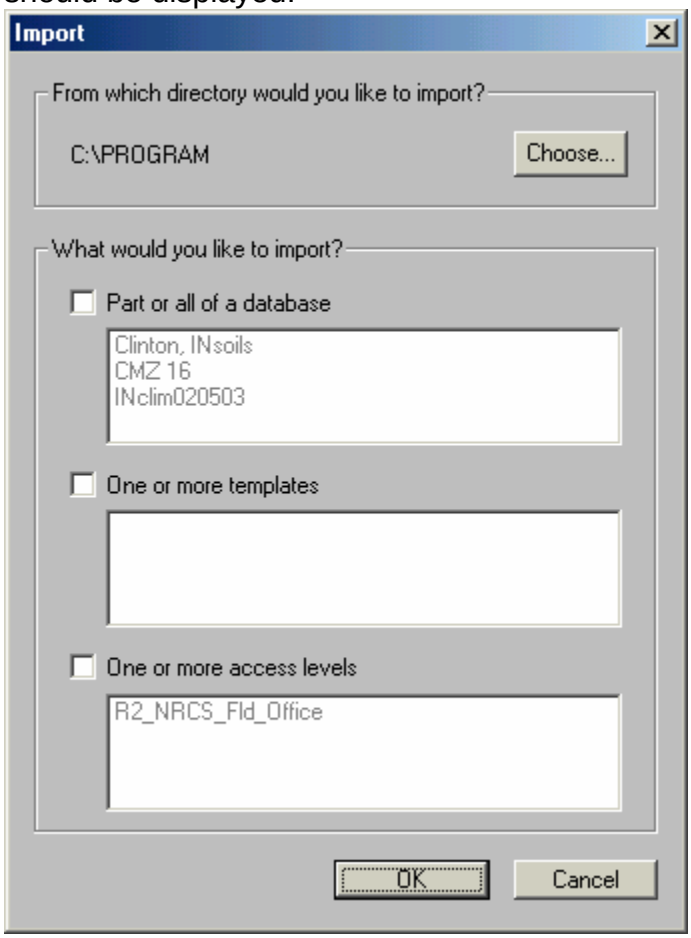


Importing in RUSLE2

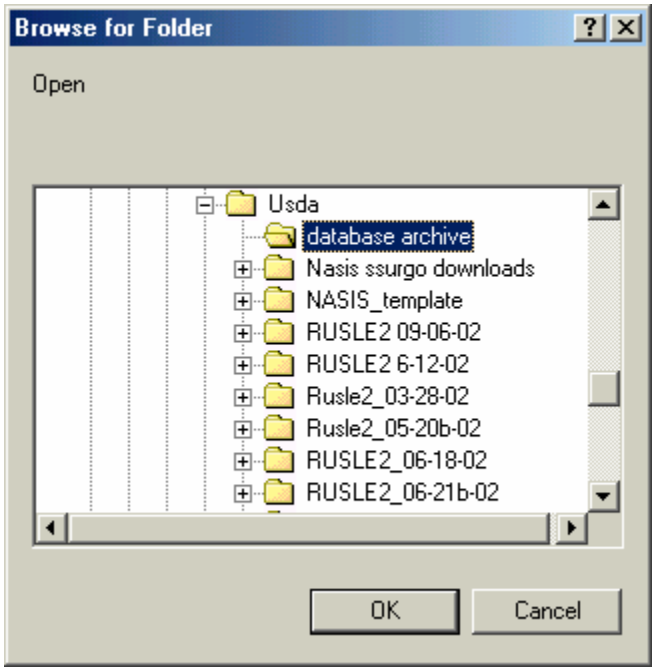
When an export file containing items to be merged into the working database has been moved from the website to the import folder you can proceed to the import process in RUSLE2. A special utility has been designed into RUSLER2 to allow this merging of data from one database file to another, in this case from a soils, climate or management export database file into the Base NRCS database file (moses.gdb) that came loaded with the model.

Open RUSLE2.

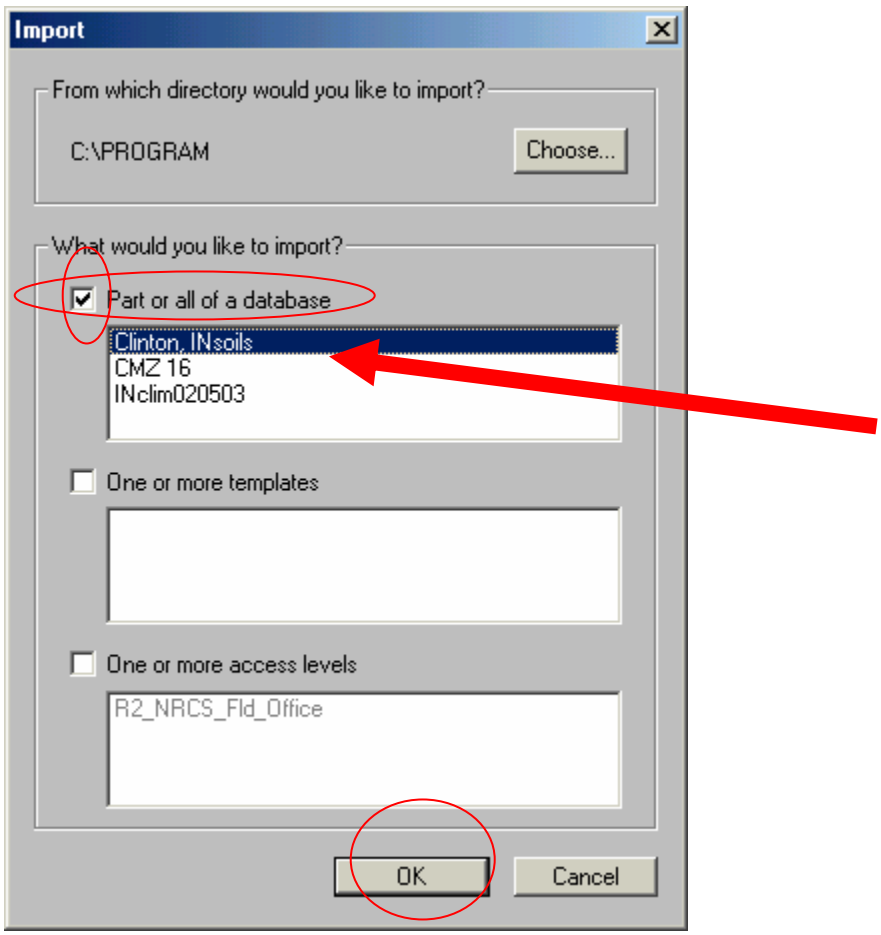
Click on “Database”, then “Import with templates access……..” This dialog box is displayed. The files you need to import which you placed in the “Import” folder should be displayed.



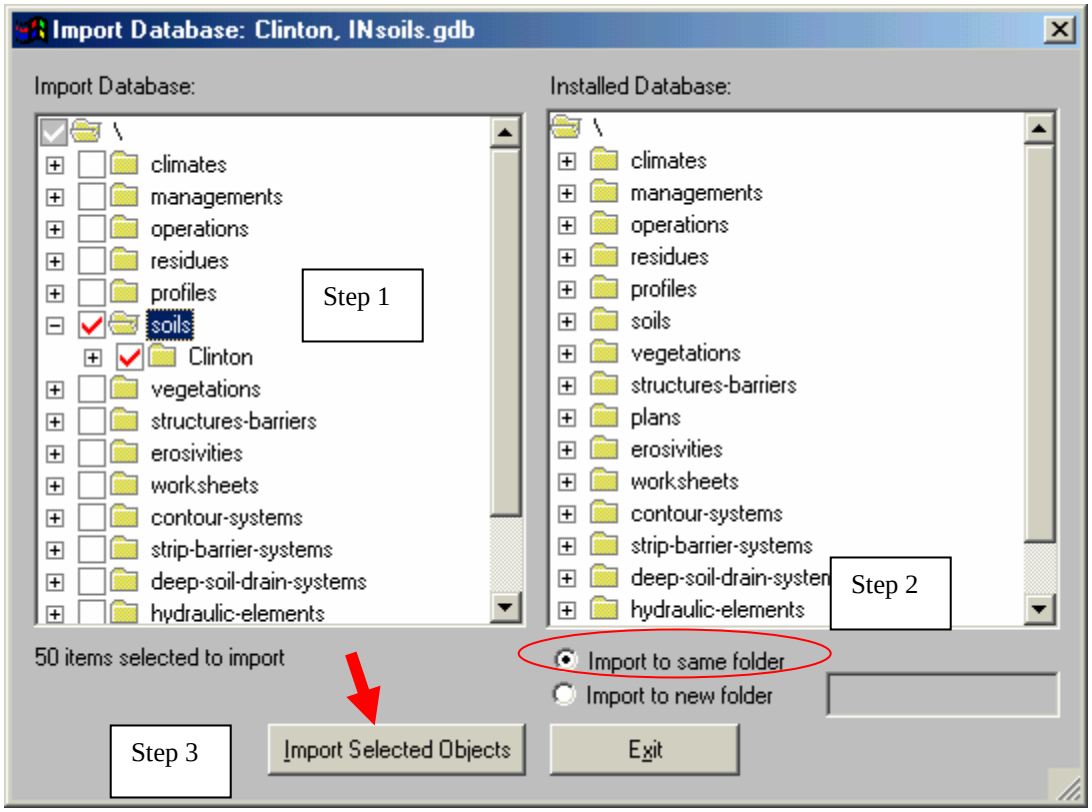
If they are located elsewhere, you may click “Choose” and browse through the directory structure on your computer to find the folder with the information you wish to import. Select the folder and click “OK”.



Click the box “Part or all of a database”. Then click on the item in the list box that you wish to import and click “OK”.



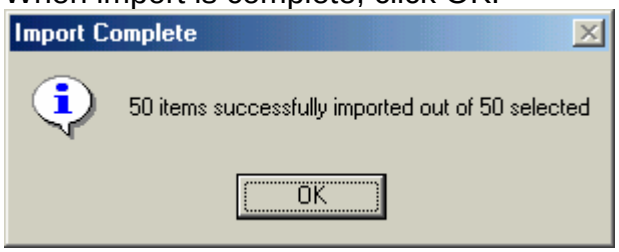
In the next “Import Database” dialog box check the items you wish to import (or click “Select All” if you want everything) from the list on the left side of the screen.



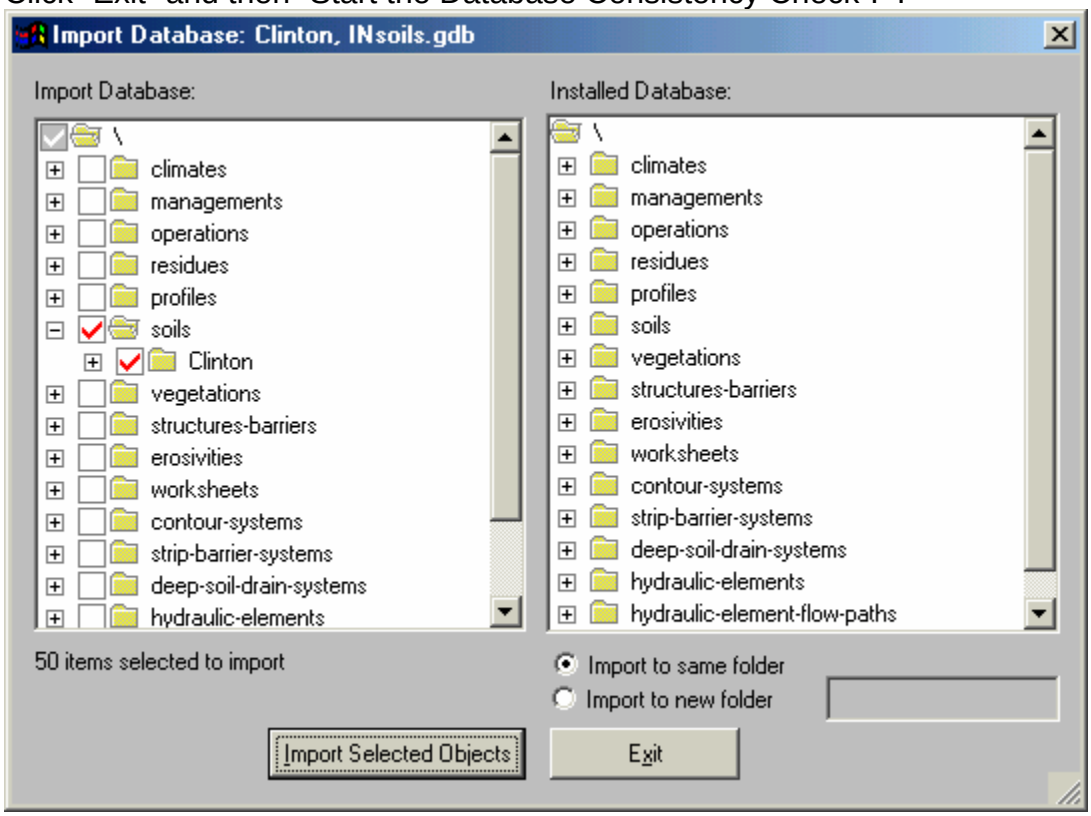
Select where you want the information to go; “Import to same folder” or “Import to new folder” (If you choose “Import to new folder” you will be prompted to create a new folder). Note: You may not have access privileges to create folders in some parts of the database.

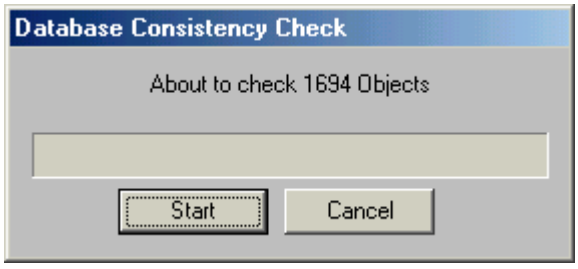
Then click “Import Selected Objects”. Confirm object replacement for the items you are importing “individually” or “all at once” by clicking the appropriate buttons. Replace means you are writing over and destroying the one already there. Think about what you are doing before you do this.

When import is complete, click OK.



Click “Exit” and then “Start the Database Consistency Check”. .





If any orphan records are noted, scroll down and reattach to the appropriate new record.

As the database is maintained and updated nationally, some records such as operations or crops are renamed or moved to sub folders and this consistency check allows you to repair any links that were severed. This insures that the program will run properly with the items being imported.

When the database check is complete, click “Close”. When the import is complete, click OK.

Repeat the import process until the soils, climate and management templates have all be merged into the database. You are now ready to use RUSLE2.