

NRCS BASE Database

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

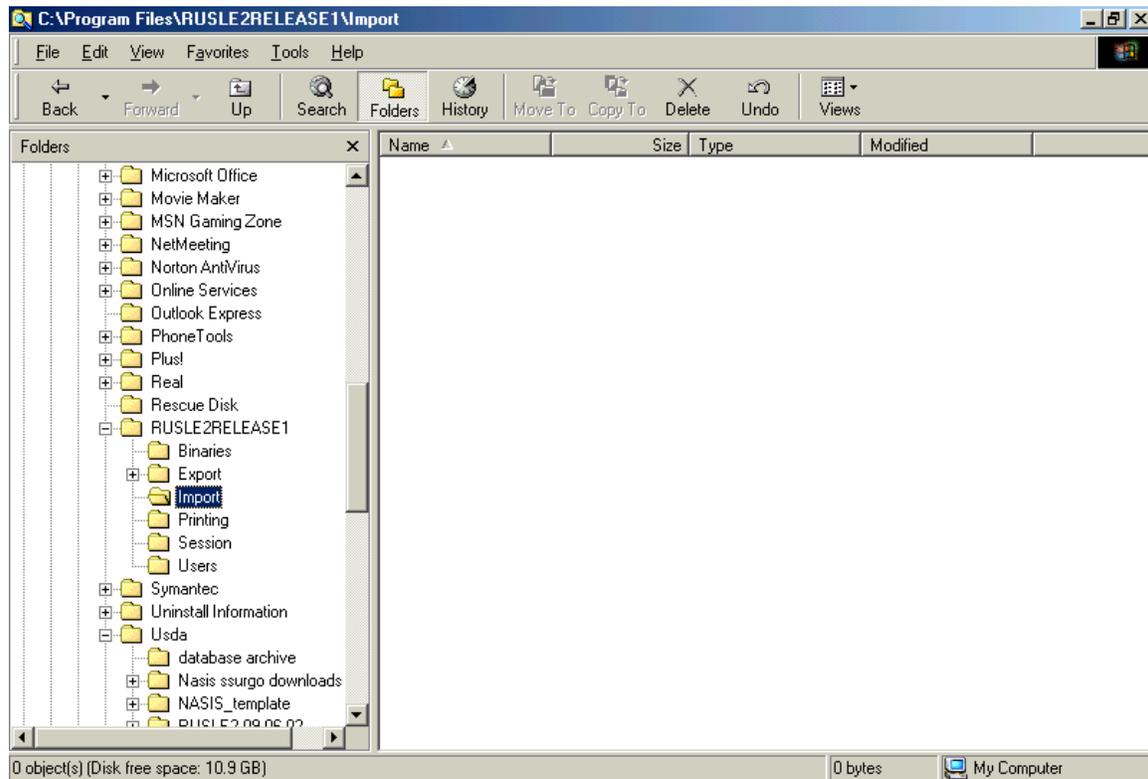
The install contains the base NRCS database. However it requires that you add the specific climate data for your state(s), the specific soils data for your county or soil survey area(s) and the specific set(s) of crop management templates for your Crop Management Zone or area of the country.

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

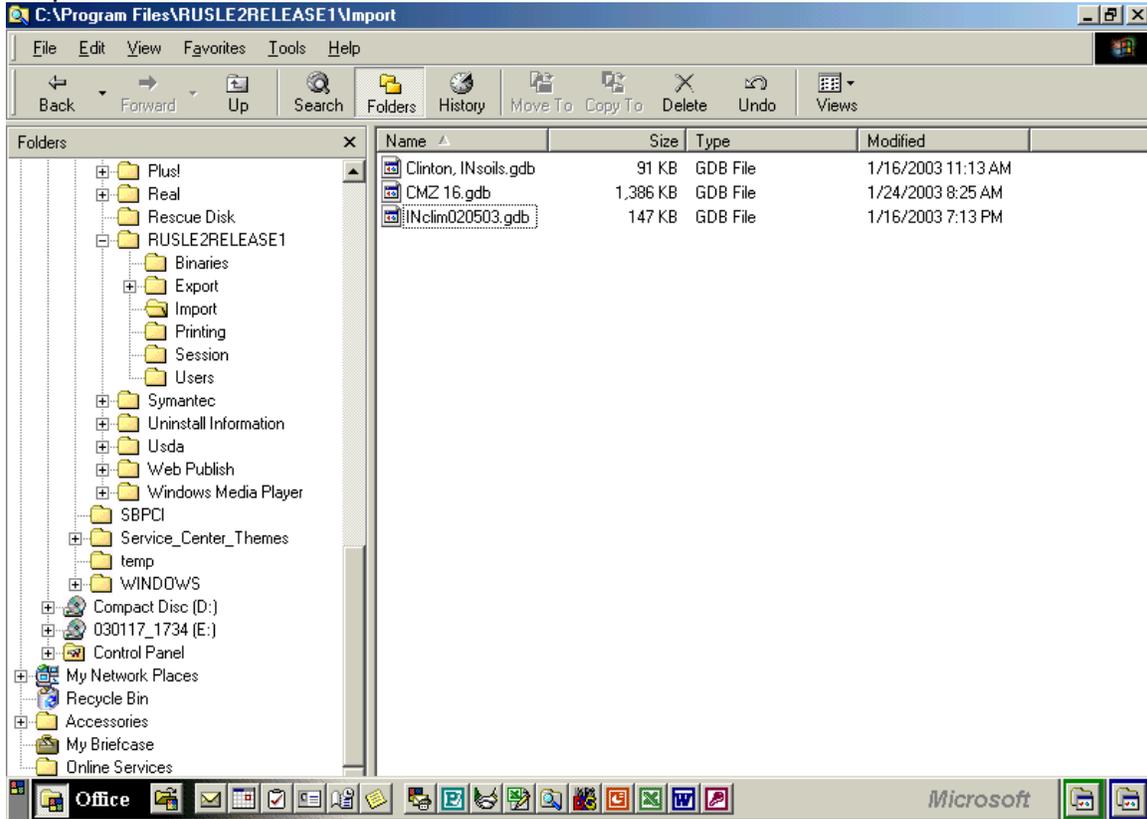
http://fargo.nserl.purdue.edu/rusle2_dataweb/RUSLE2_Index.htm

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.

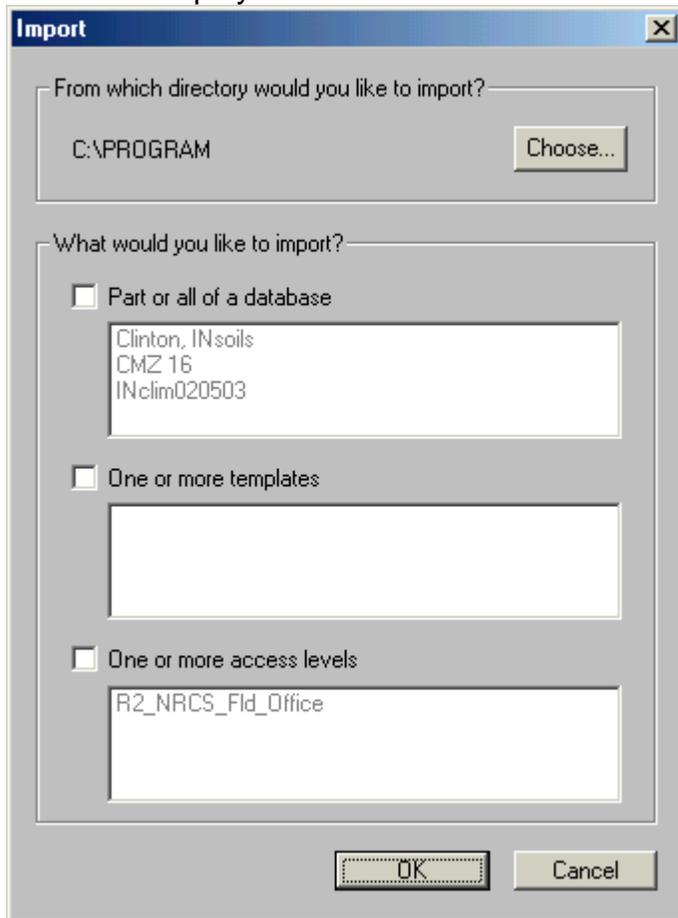


Importing in RUSLE2

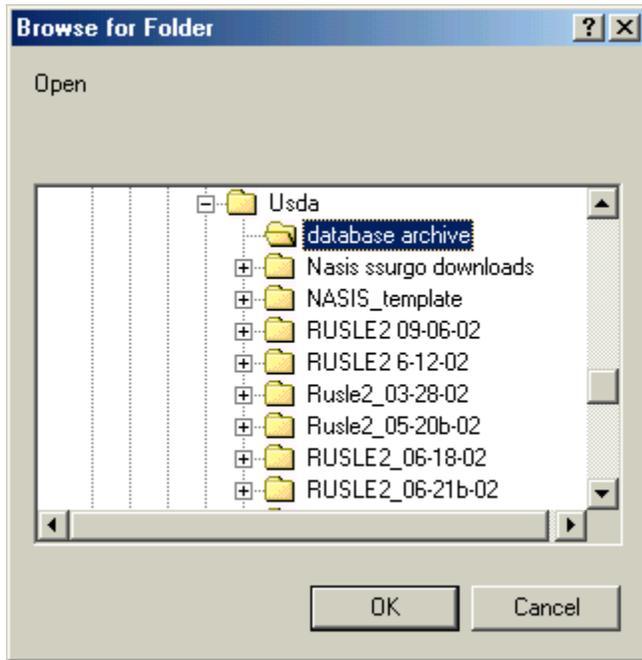
When an export file containing items to be merged into the working database has been moved from the website to the import folder you can proceed to the import process in RUSLE2. A special utility has been designed into RUSLER2 to allow this merging of data from one database file to another, in this case 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.

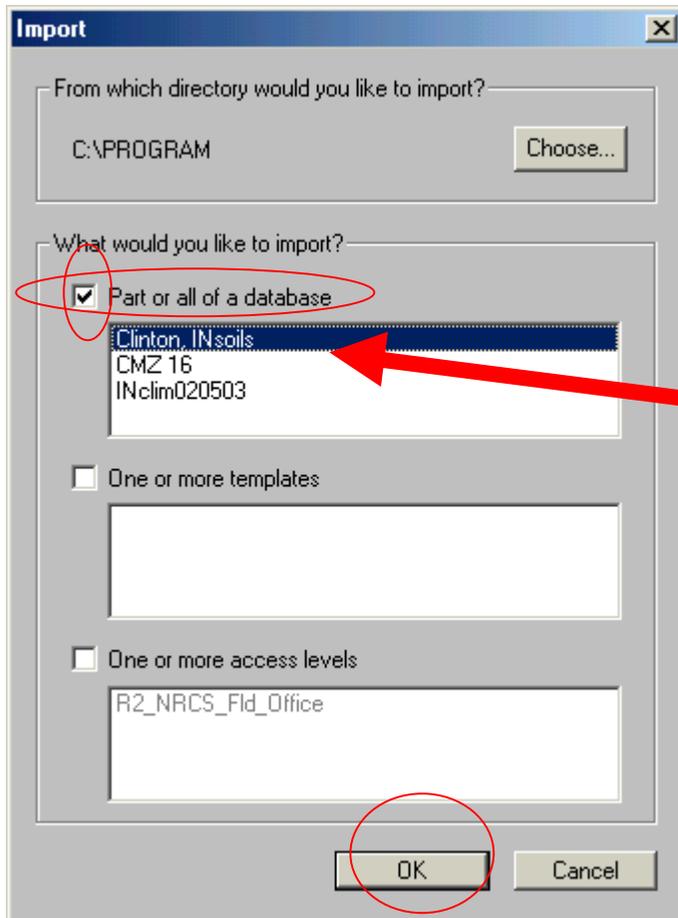
Click on “Database”, then “Import with templates access.....” This dialog box is displayed. The files you need to import which you placed in the “Import” folder should be displayed.



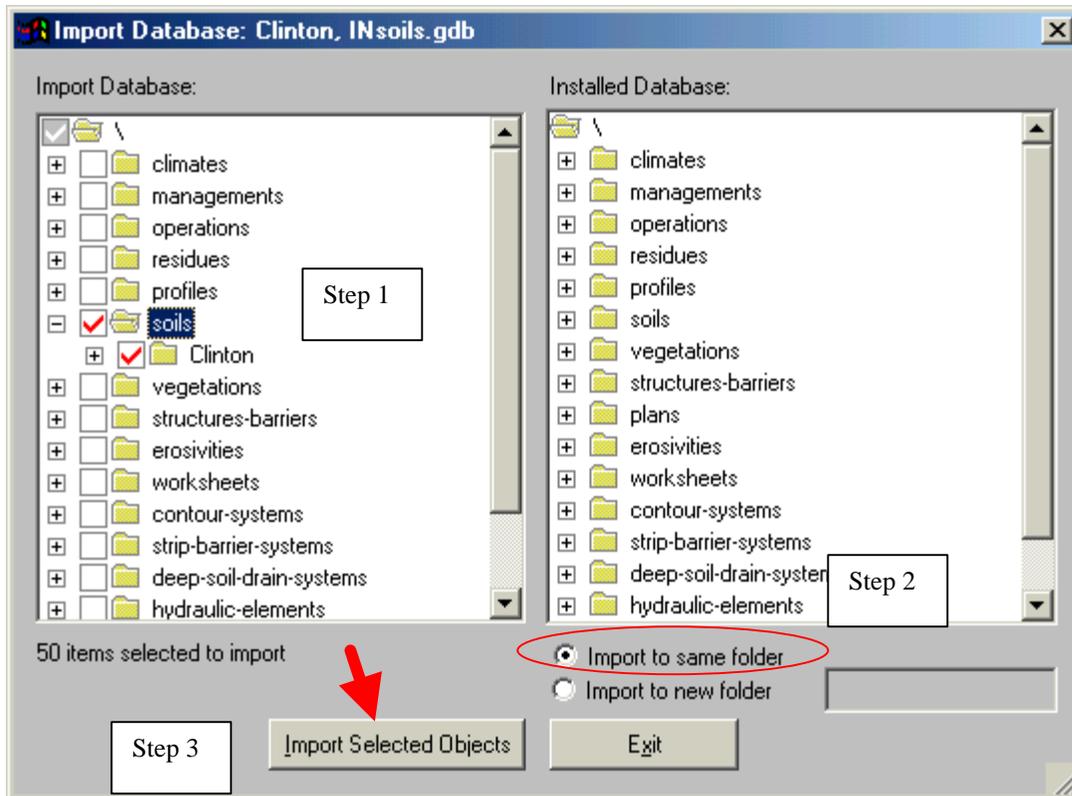
If they are located elsewhere, you may click “Choose” and browse through the directory structure on your computer to find the folder with the information you wish to import. Select the folder and click “OK”.



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.



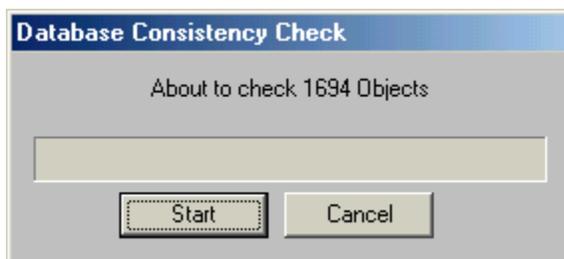
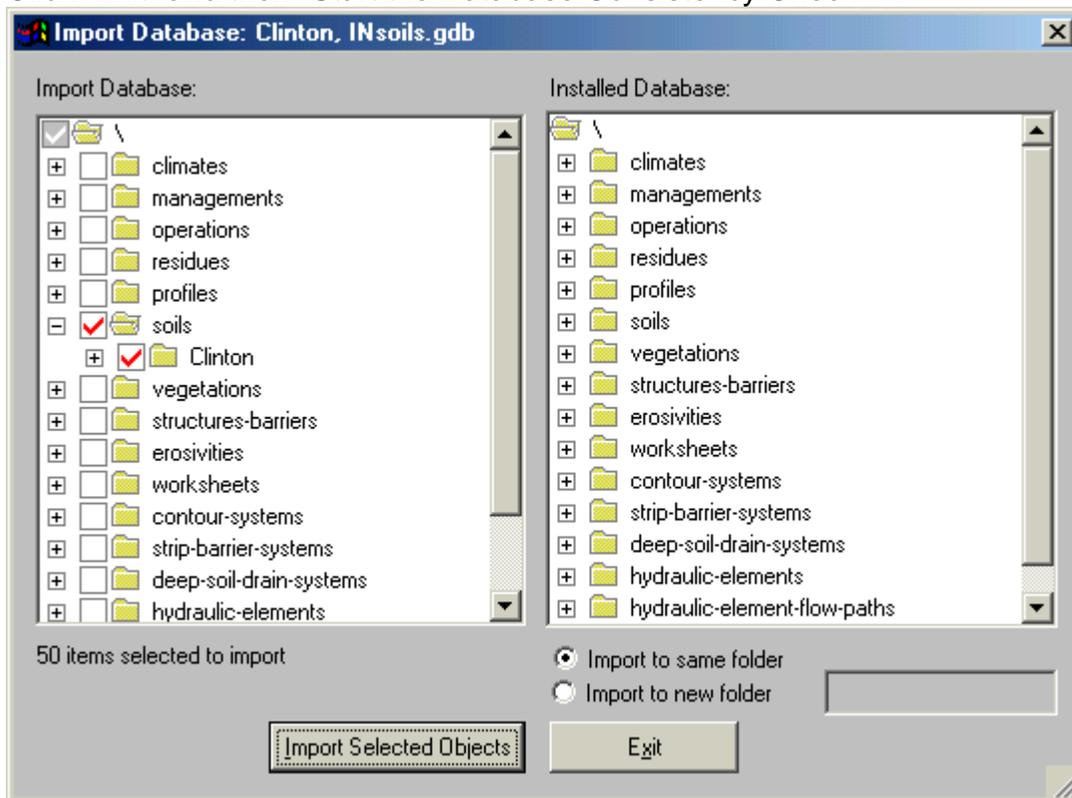
Select where you want the information to go; “Import to same folder” or “Import to new folder” (If you choose “Import to new folder” you will be prompted to create a new folder). Note: You may not have access privileges to create folders in some parts of the database.

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.