

Database Revisions and Updates

Introduction

Each field office should have a designated RUSLE2 database manager who should be the one to perform these tasks. Since database changes are infrequent, there is no need for everyone to know how to accomplish these updates. The instructions are written accordingly.

All of the following instructions assume that the RUSLE2 database is stored on the field office server (S:\Service_Center\NRCS\rusle2\moses xxxxx.gdb, where xxxxx is the office, county, or field team name). If this is not the database location, the instructions will need to be modified. Offices that have experienced problems with everyone using the same database may have multiple databases. If so, the database name may include a person's name or initials, but they should all be filed in the same location on the S-drive. The important thing is that the changes are applied to every active database in the office. If you need help, call a member of the RUSLE2 Implementation Team.

This document is divided into two sections, as follows:

- A. Revisions to the CMZ database (4.1, 62, or 65 in PA)
- B. Updates to the base database (Page 3)

Note: The RUSLE2 website is http://fargo.nserl.purdue.edu/rusle2_dataweb/.

A. Revisions to the CMZ database – Since a CMZ can't be deleted, the 'moses . . .' database must be rebuilt.

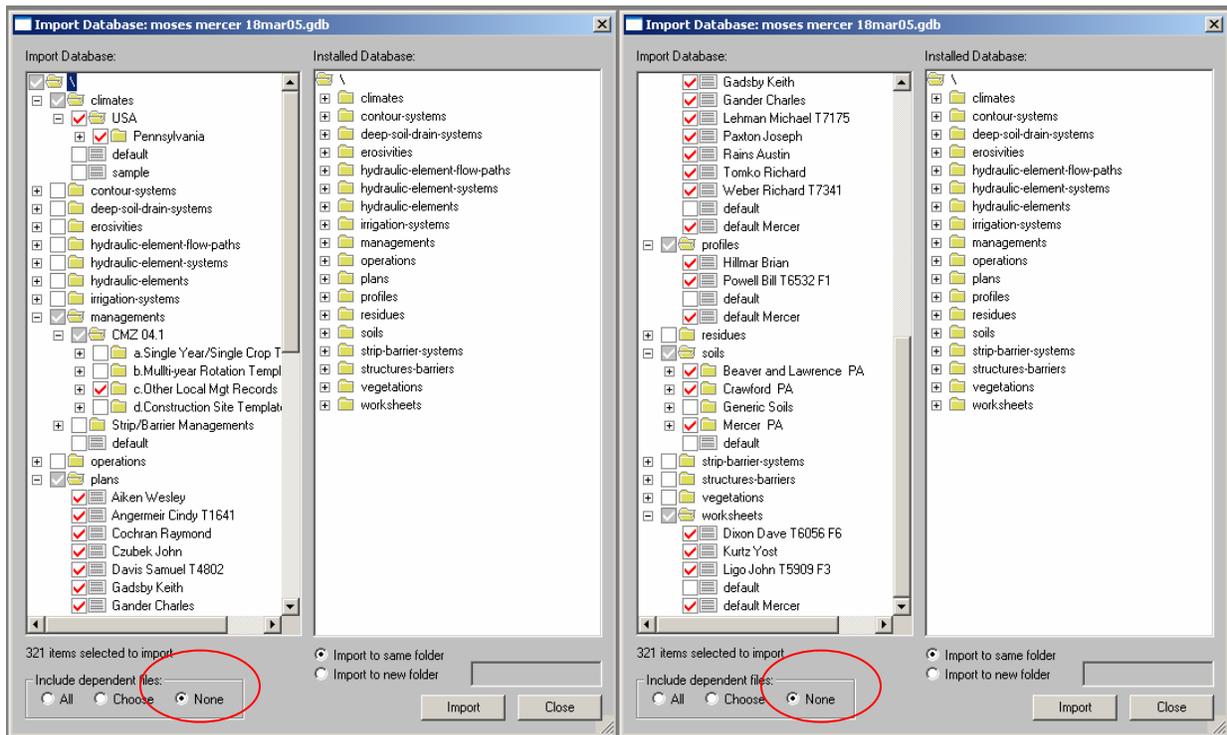
1. **Download the current base database from the RUSLE2 website.** Click on 'Download File' under 'Base Database & Misc Files'. Right-click on the file named 'mmdyy_NRCS_Base_moses.gdb', choose 'Copy to Folder', and save it in 'S:\Service_Center\NRCS\rusle2\'. There should be a file in that folder named 'moses xxxxx.gdb', where xxxxx is the office, county, or field team name (the 'old' file). Using Windows Explorer, rename the old file to include today's date (for example 'moses xxxxx 013106.gdb'). Now rename the new base database to be 'moses xxxxx.gdb'.
2. **Download the revised CMZ database from the RUSLE2 website.** Click on 'Data Files' under 'Crop Management Templates'. Find the proper file (if you need 4.1, be careful not to get 41 by mistake), right-click on it, choose 'Copy to Folder', and save it in the 'C:\Program Files\USDA\Rusle2\Import\' folder. If there is a CMZ database with the same name already in the Import folder, you can overwrite it.
3. **Merge the revised CMZ database into the new base database.** Open the RUSLE2 program. From the main menu, choose 'Database > Import RUSLE2 database'. In the

'Select import database' dialog box, double-click the new CMZ database file. A dialog box named 'Import Database' will open. **In the lower left-hand corner of this box, choose 'None' under 'Include dependent files:'.**

On the left side of the box, click on the '+' to the left of the 'managements' folder, then click in the box to the left of the new CMZ database so that a red checkmark appears. Click the 'Import' button. A warning message will appear stating that you will be unable to edit the files after importing. This just tells you that you are importing items for which you do not have edit privileges. Click 'OK'. Click 'OK' on the 'Import Complete' box, then click 'OK' on the box that says 'The import is finished'.

4. **Merge data from your old database into the new one.** From the main menu, choose 'Database > Import RUSLE2 database'. In the 'Select import database' dialog box, navigate to 'S:\Service_Center\NRCS\rusle2\' and double-click the file named 'moses xxxxx mmddyy.gdb', where xxxxx is the office, county, or field team name, and mmddyy is the date you previously assigned to the old file. A dialog box named 'Import Database' will open. **In the lower left-hand corner of this box, choose 'None' under 'Include dependent files:'.**

Next, select the data from the old database that you want to merge into the new one. The old database is on the left and the new database is on the right, so you'll be selecting data from the left side of the box. You'll need data from the following folders: climates, managements, plans, profiles, soils, and worksheets. The screen captures below illustrate the selection process. Two screens are shown because the example wouldn't fit onto one screen capture. You'll be able to select everything you need in one step by scrolling.



If you want, you can first select a whole folder and then unselect any items you don't want ('default' records and Generic Soils, for example, because they will be included in the new base database). If there are items that you no longer need, you can leave them unselected, thereby reducing the size of your database. When you are done with your selections, click 'Import'.

A warning message will appear stating that you will be unable to edit the files after importing. This just tells you that you are importing items for which you do not have edit privileges. This message does not apply to items you created – rotations, plans, etc. Click 'OK'. Click 'OK' on the 'Import Complete' box, then click 'OK' on the box that says 'The import is finished'. The new database should now be complete and ready to use.

B. Updates to the base database – This should be done regularly – about once a month or so.

1. **Download the database update from the RUSLE2 website.** Click on 'Download File' under 'Base Database & Misc Files'. Double-click on the 'Latest Base Database Updates' folder to open it. Right-click on the file named 'NRCS_Moses_updates_mmddyytommmddy.gdb', choose 'Copy to Folder', and save it in the 'C:\Program Files\USDA\Rusle2\Import\' folder.
2. **Merge data from the update database into the existing database.** Open the RUSLE2 program. From the main menu, choose 'Database > Import RUSLE2 database'. In the 'Select import database' dialog box, double-click the update file. A dialog box named 'Import Database' will open. **In the lower left-hand corner of this box, choose 'None' under 'Include dependent files:'.**

On the left side of the box, click in the upper-most box (the one *above* the climates folder) to auto-select the contents of all folders. Click the 'Import' button.

A warning message will appear stating that you will be unable to edit the files after importing. This just tells you that you are importing items for which you do not have edit privileges. Those items are 'owned' by the database manager and have been added as new or corrected records. Click 'OK'.

Be patient and wait for the prompts. If any 'Confirm Object Replace' messages appear, click 'Yes' or 'Yes to All'. Click 'OK' on the 'Import Complete' box, then click 'OK' on the box that says 'The import is finished'. The database update is now complete.