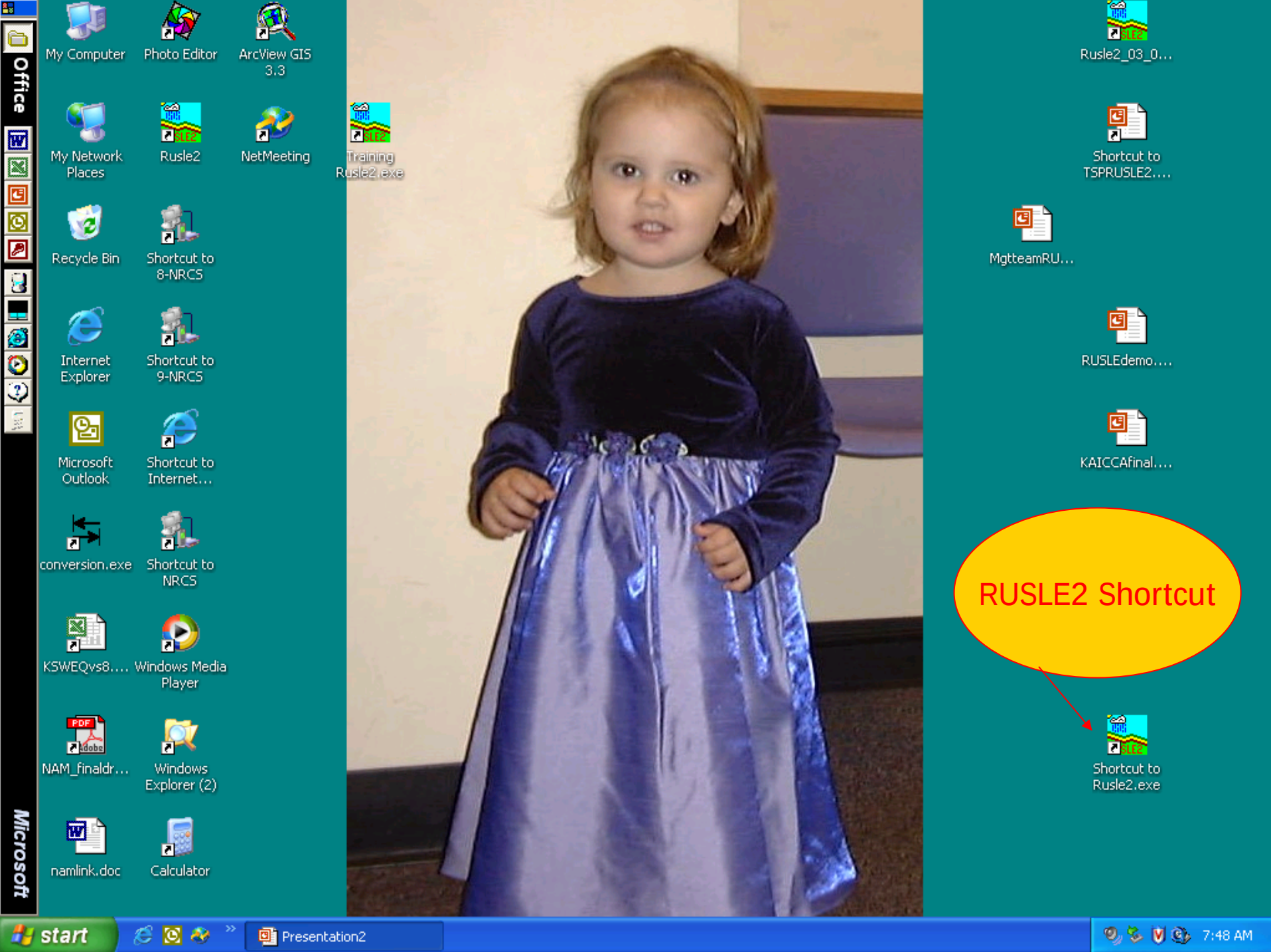
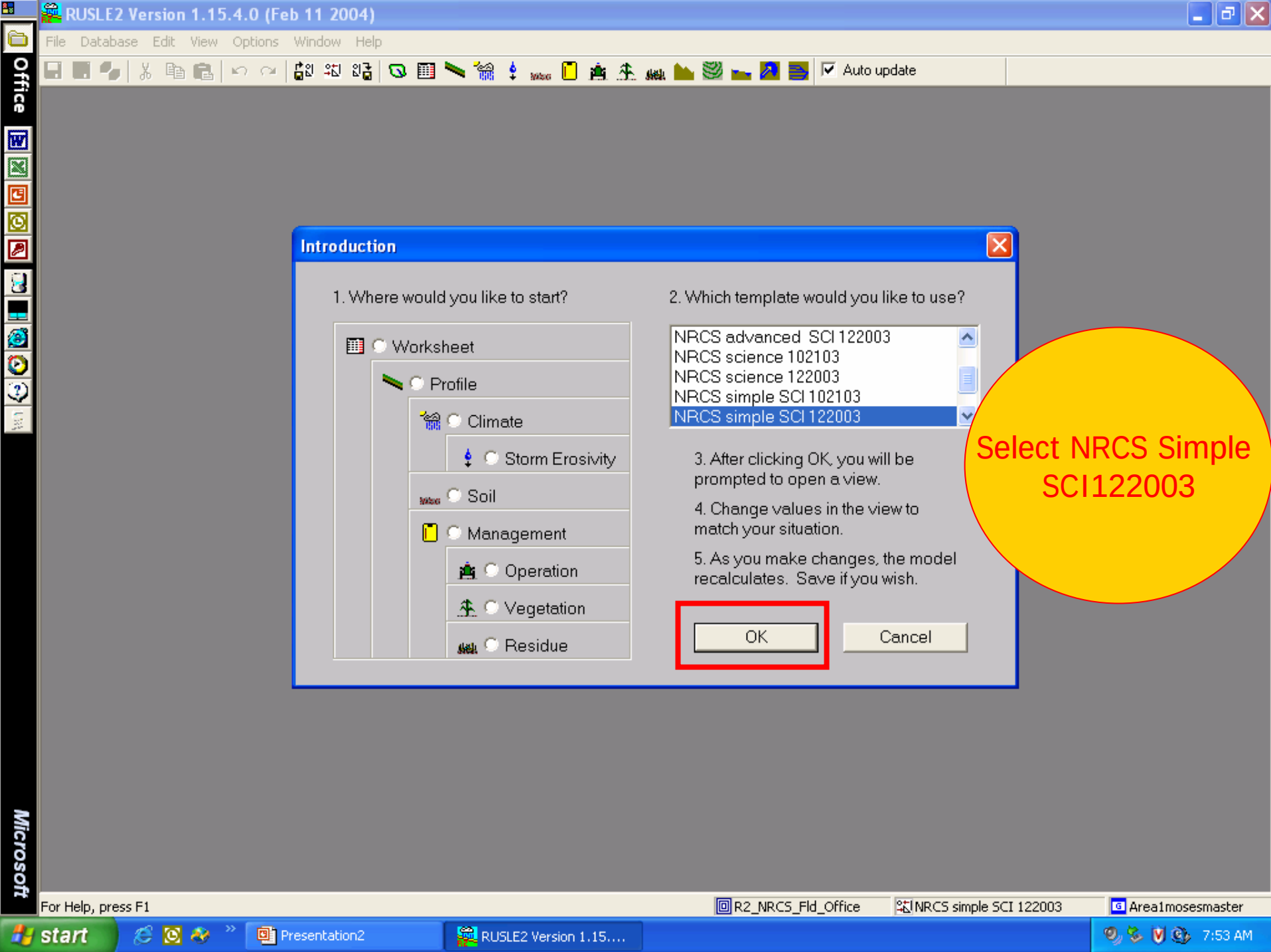
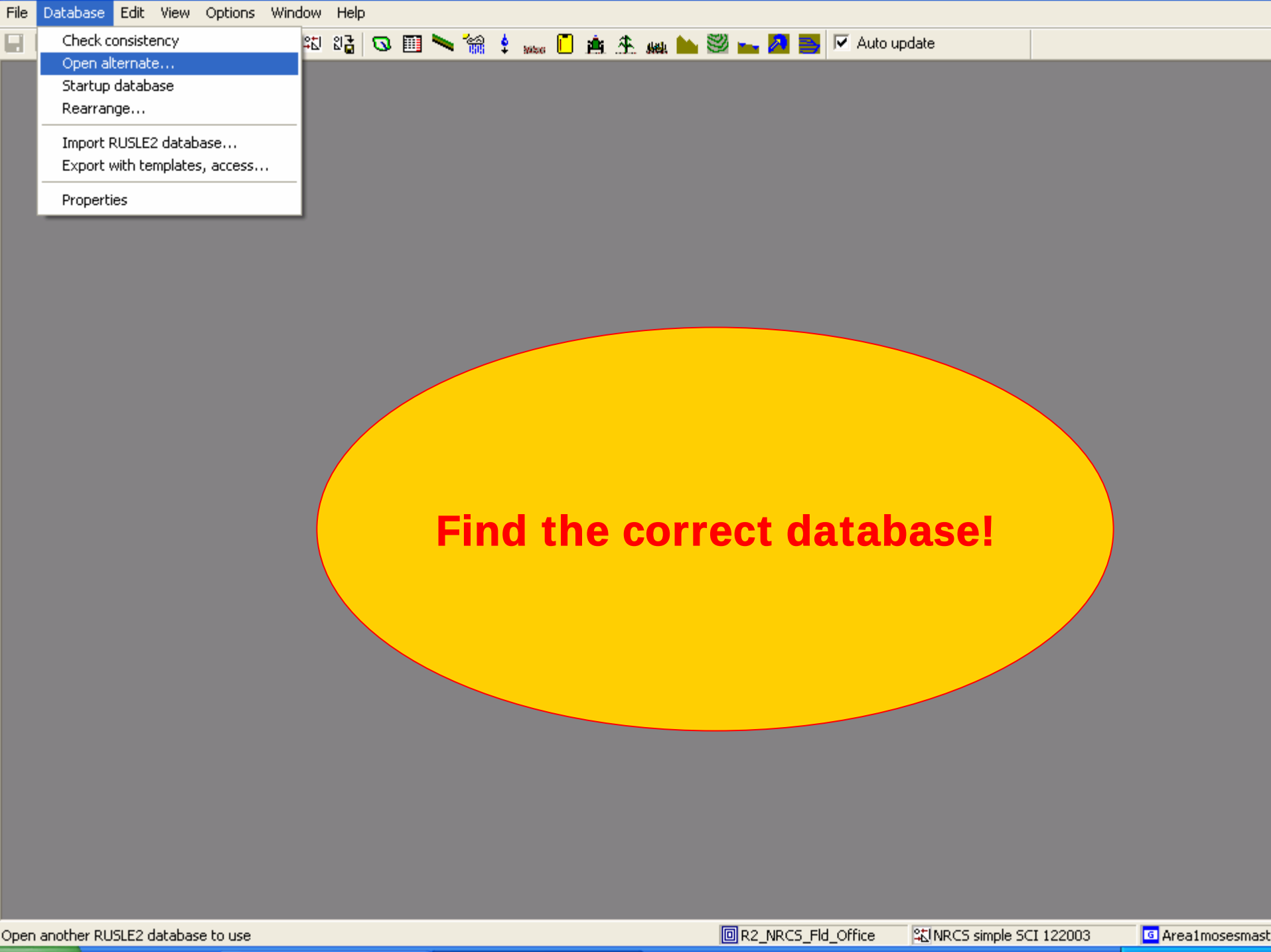
Kansas RUSLE2 Training

Getting Started

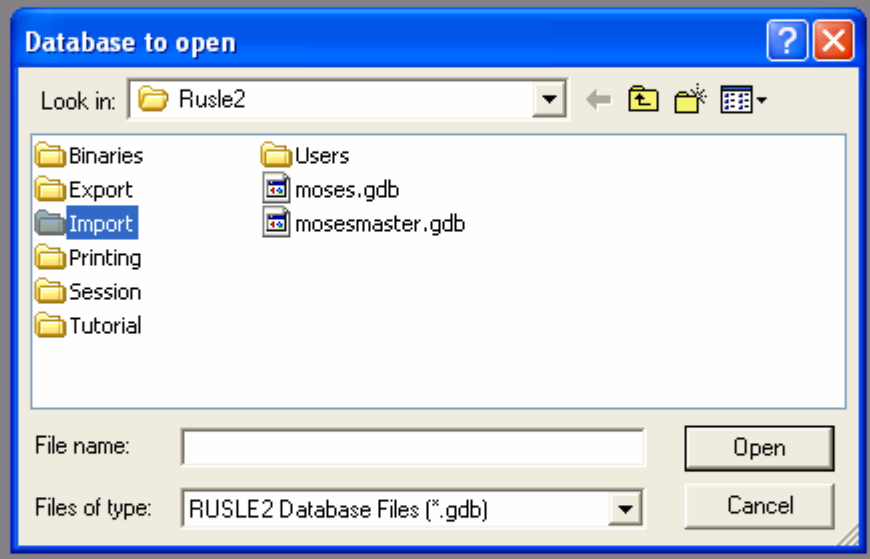

My Computer
Photo Editor
ArcView GIS 3.3
My Network Places
Rusle2
NetMeeting
Recycle Bin
Shortcut to 8-NRCS
Internet Explorer
Shortcut to 9-NRCS
Microsoft Outlook
Shortcut to Internet...
conversion.exe
Shortcut to NRCS
KSWEQvs8....
Windows Media Player
NAM_finaldr...
Windows Explorer (2)
namlink.doc
Calculator
Training Rusle2.exe
Rusle2_03_0...
Shortcut to TSPRUSLE2....
MgtteamRU...
RUSLEdemo....
KAICCAfinal....
RUSLE2 Shortcut
Shortcut to Rusle2.exe
start
Presentation2
7:48 AM


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File Database Edit View Options Window Help
Auto update
Introduction
1. Where would you like to start?
Worksheet
Profile
Climate
Storm Erosivity
Soil
Management
Operation
Vegetation
Residue
2. Which template would you like to use?
NRCS advanced SCI 122003
NRCS science 102103
NRCS science 122003
NRCS simple SCI 102103
NRCS simple SCI 122003
3. After clicking OK, you will be prompted to open a view.
4. Change values in the view to match your situation.
5. As you make changes, the model recalculates. Save if you wish.
OK
Cancel
Select NRCS Simple SCI122003
For Help, press F1
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Presentation2
RUSLE2 Version 1.15....
7:53 AM


File
Database
Edit
View
Options
Window
Help
Check consistency
Open alternate...
Startup database
Rearrange...
Import RUSLE2 database...
Export with templates, access...
Properties
Auto update
Find the correct database!
Open another RUSLE2 database to use
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast

File Database Edit View Options Window Help

Auto update

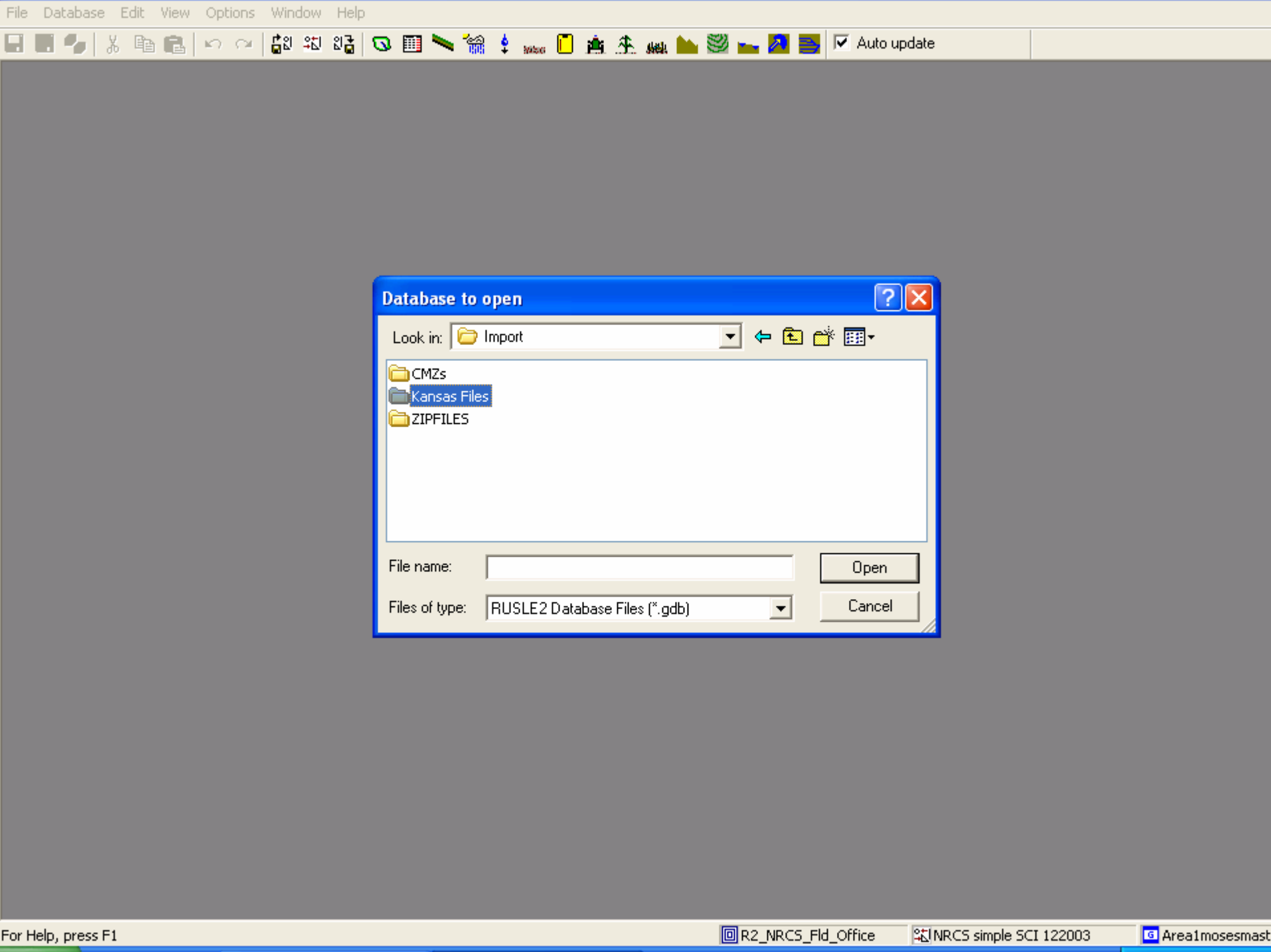


For Help, press F1

R2_NRCS_Fld_Office

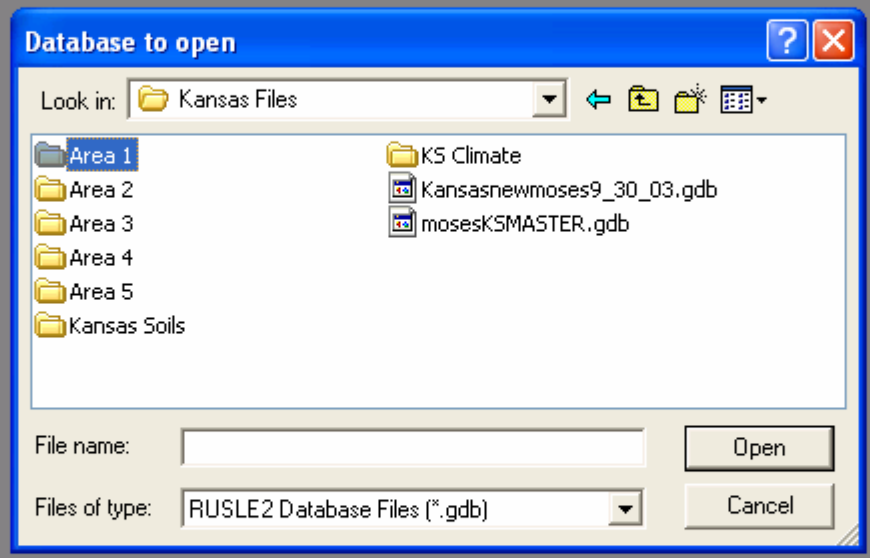
NRCS simple SCI 122003

Area1mosesmast

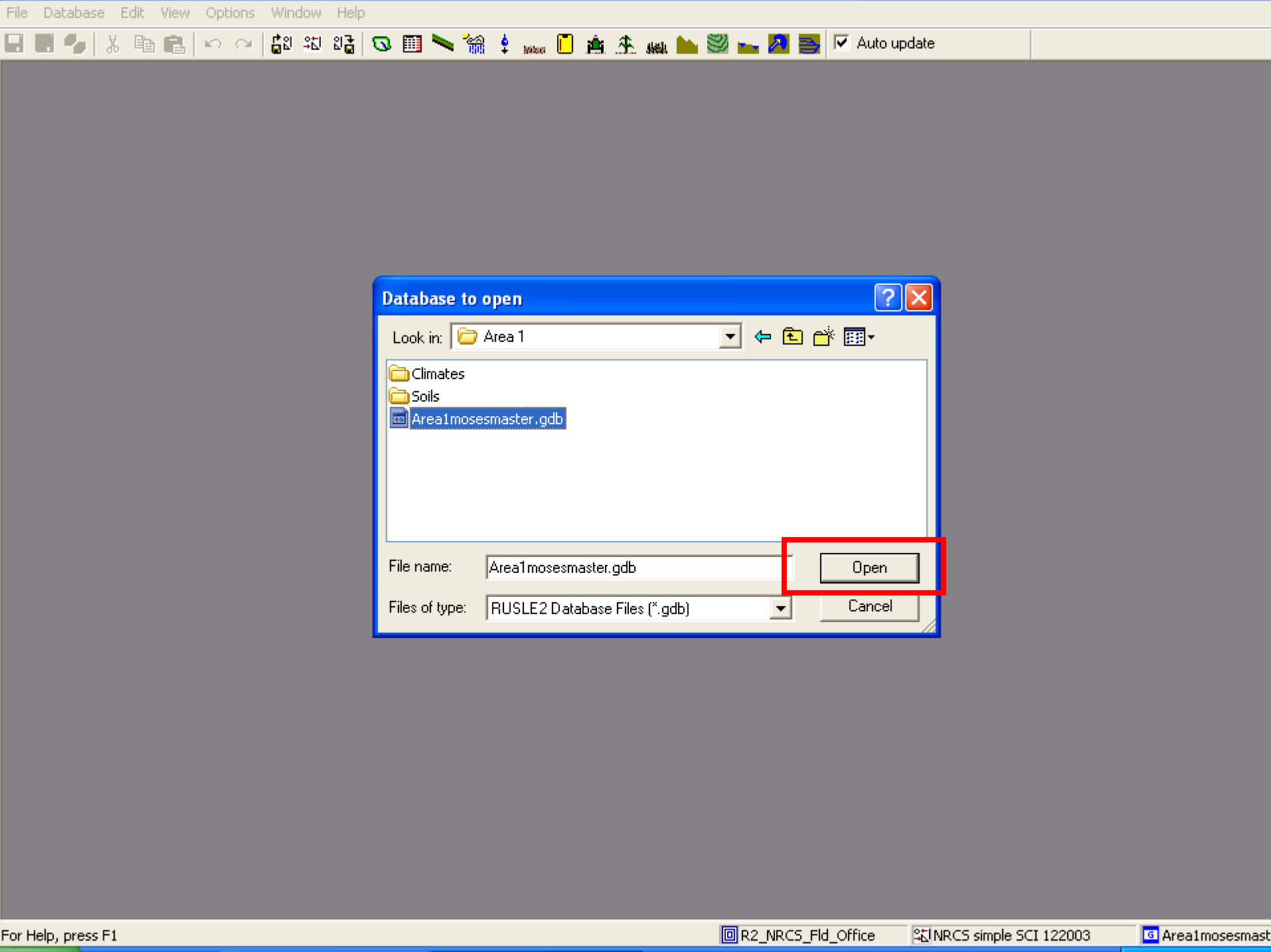

File Database Edit View Options Window Help
Auto update
Database to open
Look in: Import
CMZs
Kansas Files
ZIPFILES
File name:
Open
Files of type: RUSLE2 Database Files (*.gdb)
Cancel
For Help, press F1
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast

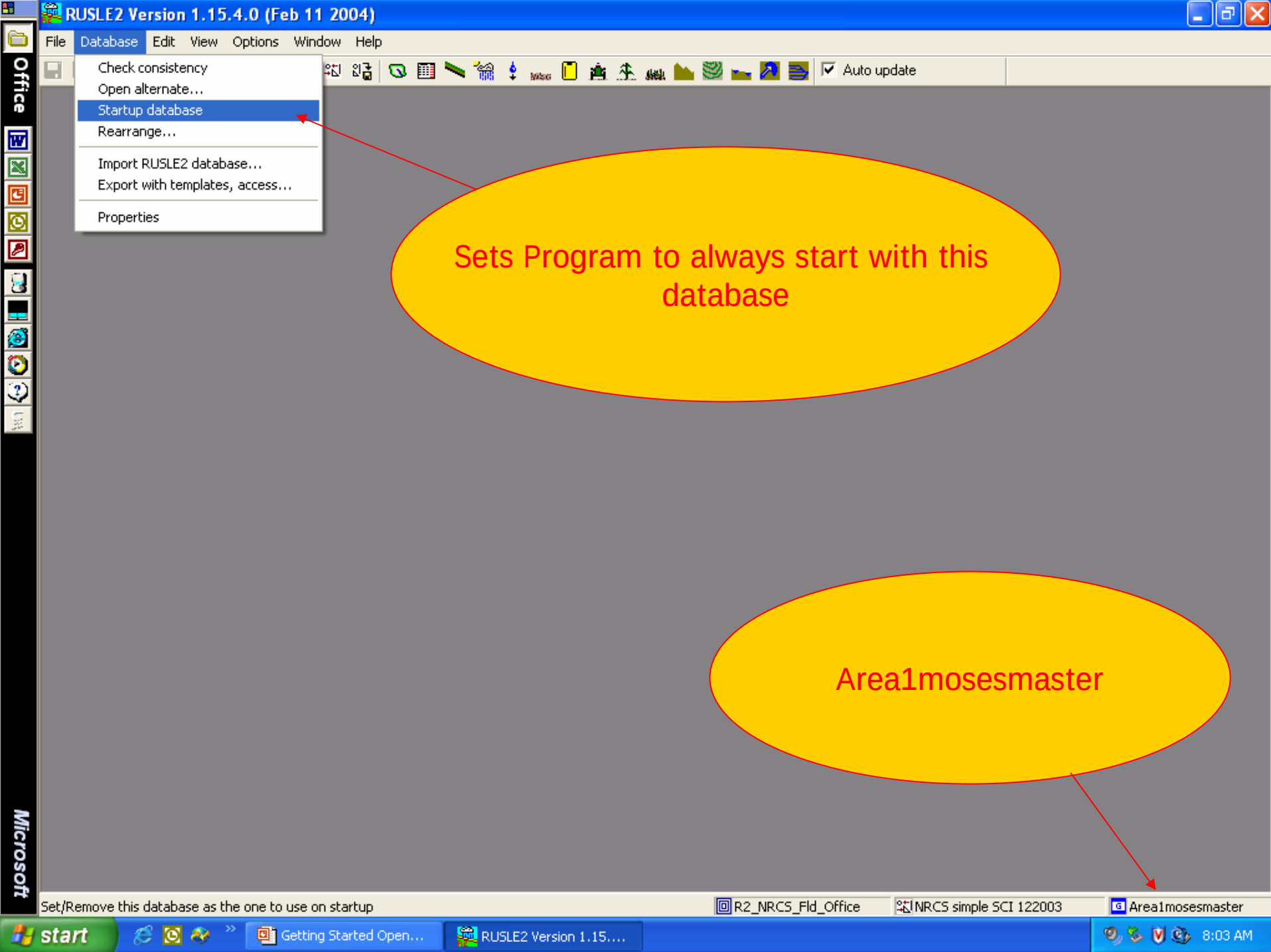
File Database Edit View Options Window Help

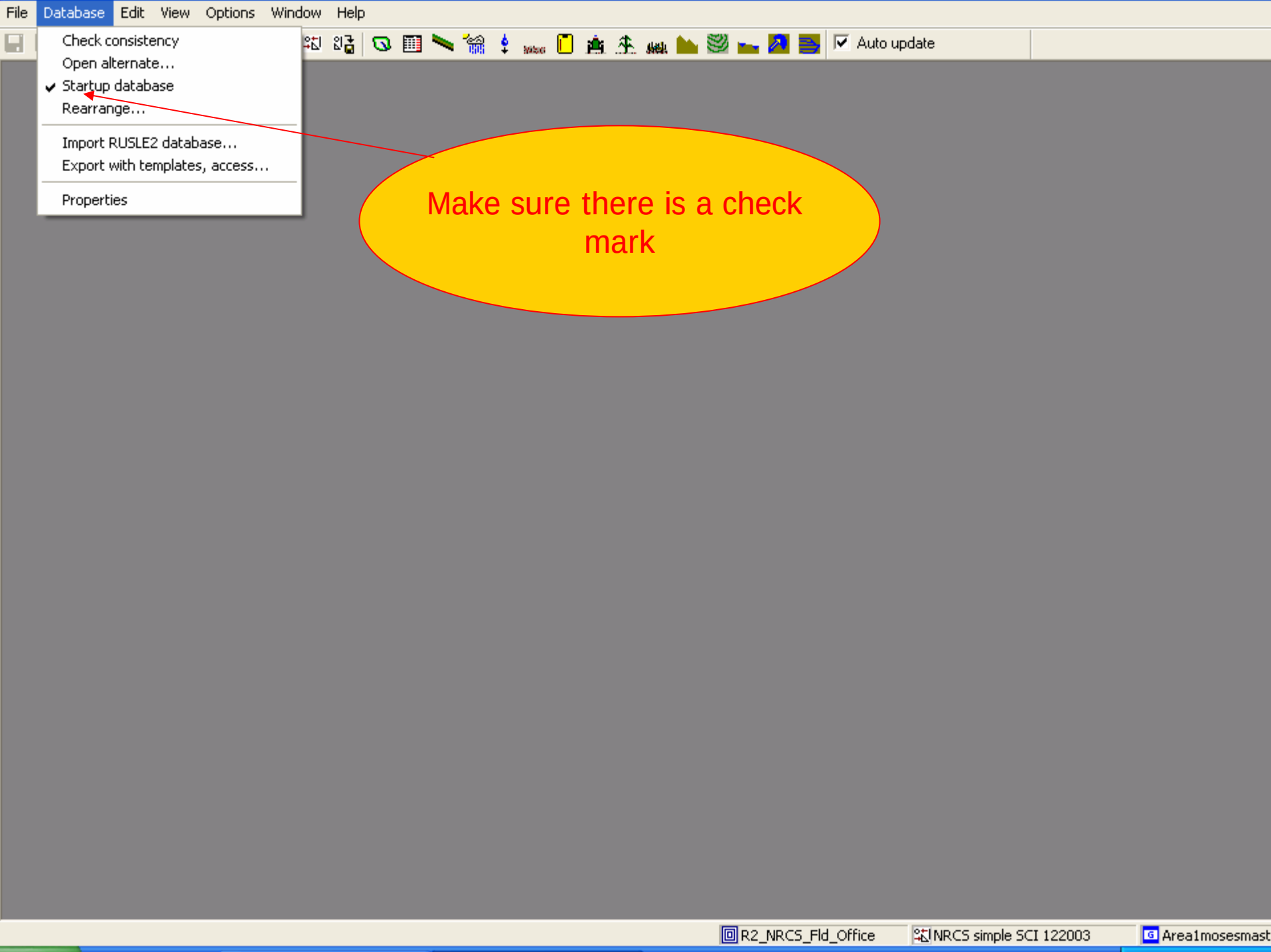
Auto update

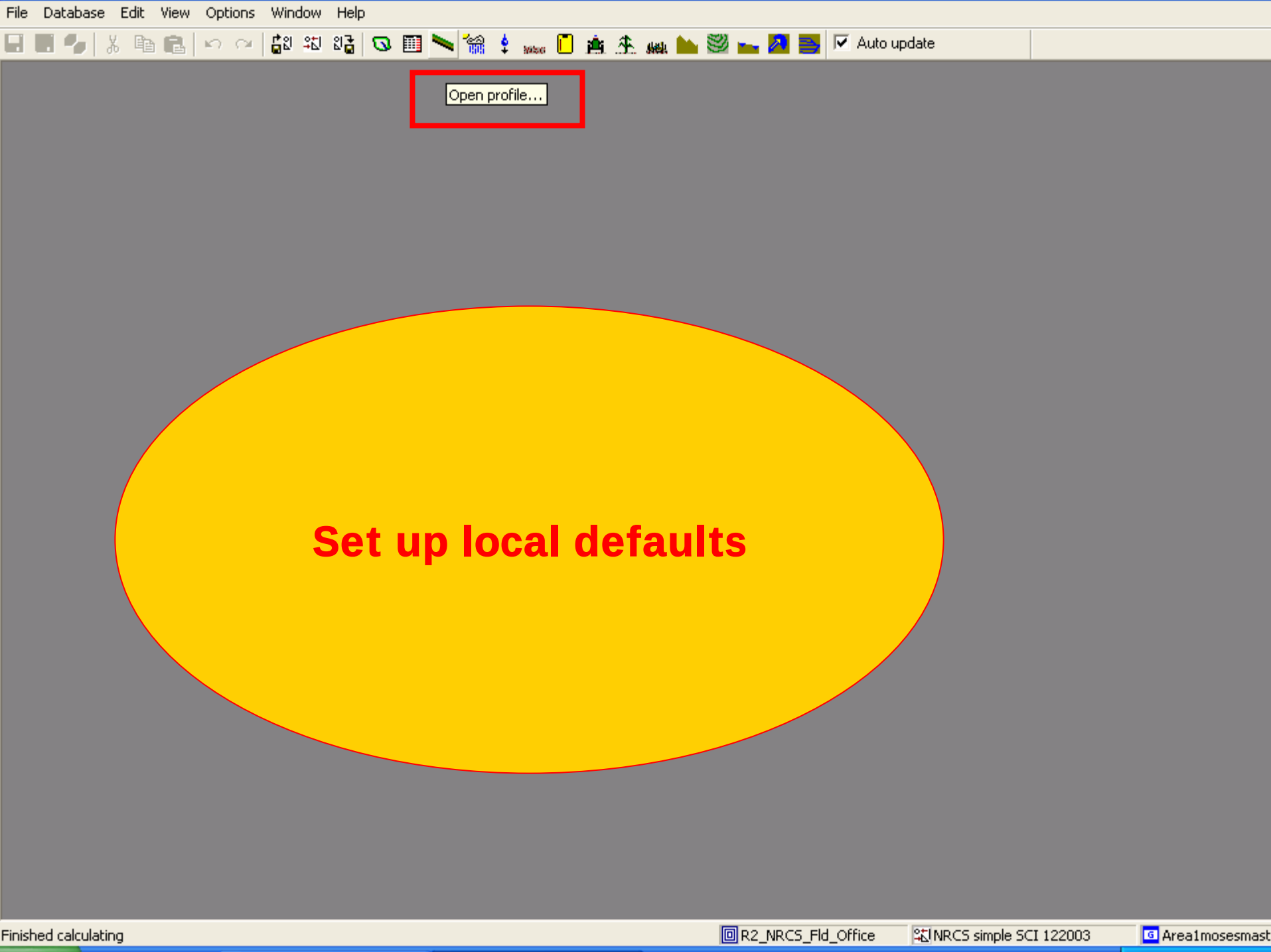


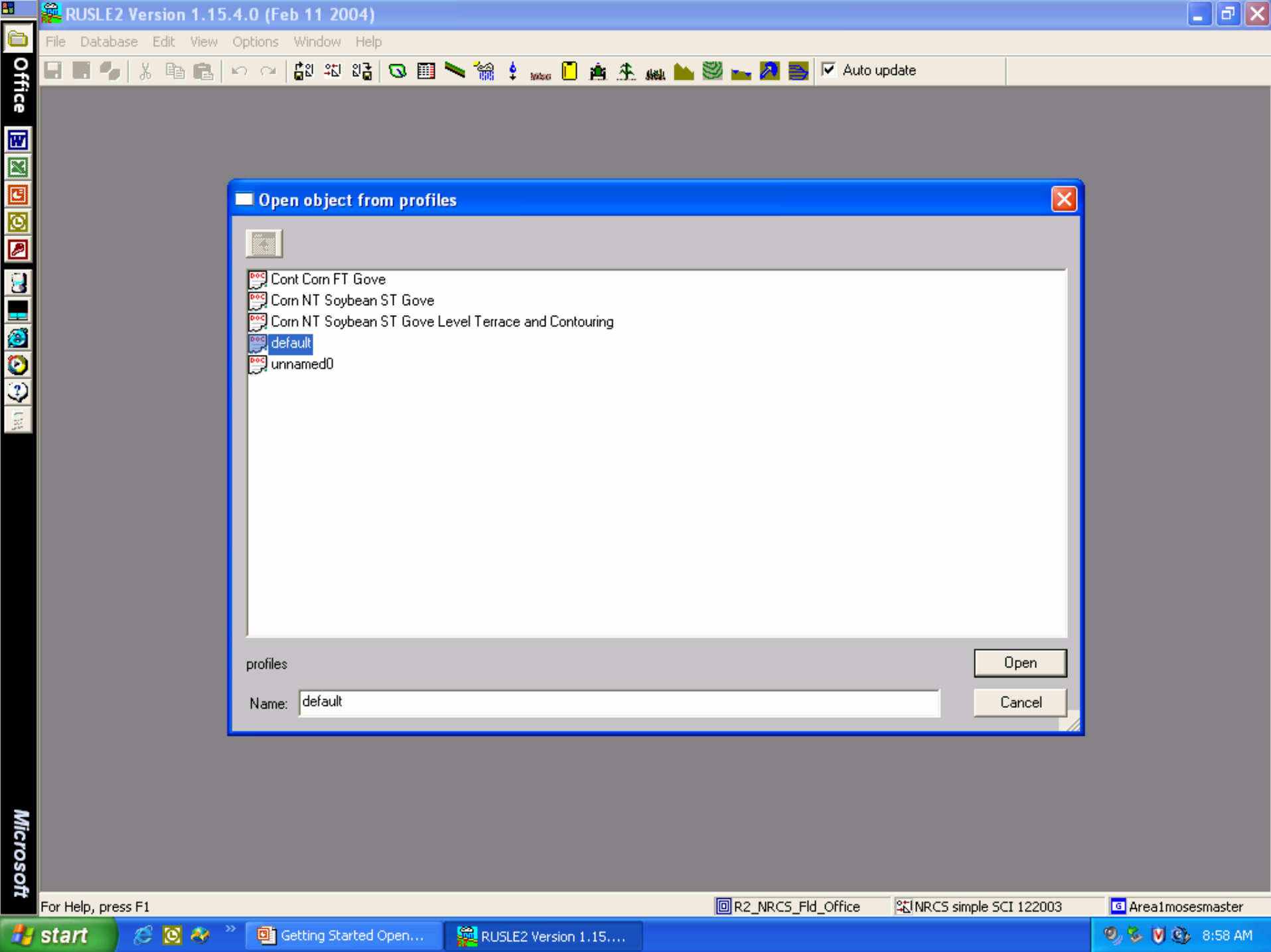
For Help, press F1 R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmast


File Database Edit View Options Window Help
Auto update
Database to open
Look in: Area 1
Climates
Soils
Area1mosesmaster.gdb
File name: Area1mosesmaster.gdb
Open
Files of type: RUSLE2 Database Files (*.gdb)
Cancel
For Help, press F1
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File
Database
Edit
View
Options
Window
Help
Check consistency
Open alternate...
Startup database
Rearrange...
Import RUSLE2 database...
Export with templates, access...
Properties
Auto update
Sets Program to always start with this database
Area1mosesmaster
Set/Remove this database as the one to use on startup
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
8:03 AM


File
Database
Edit
View
Options
Window
Help
Check consistency
Open alternate...
Startup database
Rearrange...
Import RUSLE2 database...
Export with templates, access...
Properties
Auto update
Make sure there is a check mark
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast


File
Database
Edit
View
Options
Window
Help
Auto update
Open profile...
Set up local defaults
Finished calculating
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File Database Edit View Options Window Help
Auto update
Open object from profiles
Cont Corn FT Gove
Corn NT Soybean ST Gove
Corn NT Soybean ST Gove Level Terrace and Contouring
default
unnamed0
profiles
Open
Name: default
Cancel
For Help, press F1
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
8:58 AM

File Database Edit View Options Window Help

Auto update

Profile: default

STEP 1: Choose location to set climate: Location: sample

STEP 2: Choose soil type: Soil: Generic Soils\silt loam (I-m OM)

STEP 3: Set slope topography: Slope length (along slop: 150 Avg. slope steepness, %: 6.0

STEP 4a: Select base management: Base management: Example Single Year Crops\Corn grain; FP

STEP 4b: Modify/build man. sequence if desired:

Management sequence

	Man. +	Man. -	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
	1		Example Single Year Crops\Corn grain; FP	11/1/1	10/20/2	===>

STEP 4c: adjust management inputs if desired:

Adjust yields: open

General yield level: Base yield

Adjust res. burial level: Normal res. burial

Adjust ext. res. additions: Residue inputs

Rock cover, %: 0

Examine irrigation: open

Apply rot. builder manag: Apply

Save temp. management as perman: Save

STEP 5: Set supporting practices:

Contouring: a. rows up-and-down hill Actual row grade, %: 6.0 Crit. slope length, ft:

Strips/barriers: (none)

Diversion/terrace, sediment basin: (none)

Subsurface drainage: (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr: 10

T value, t/ac/yr: 3.0

Surf. res. cov. values: open

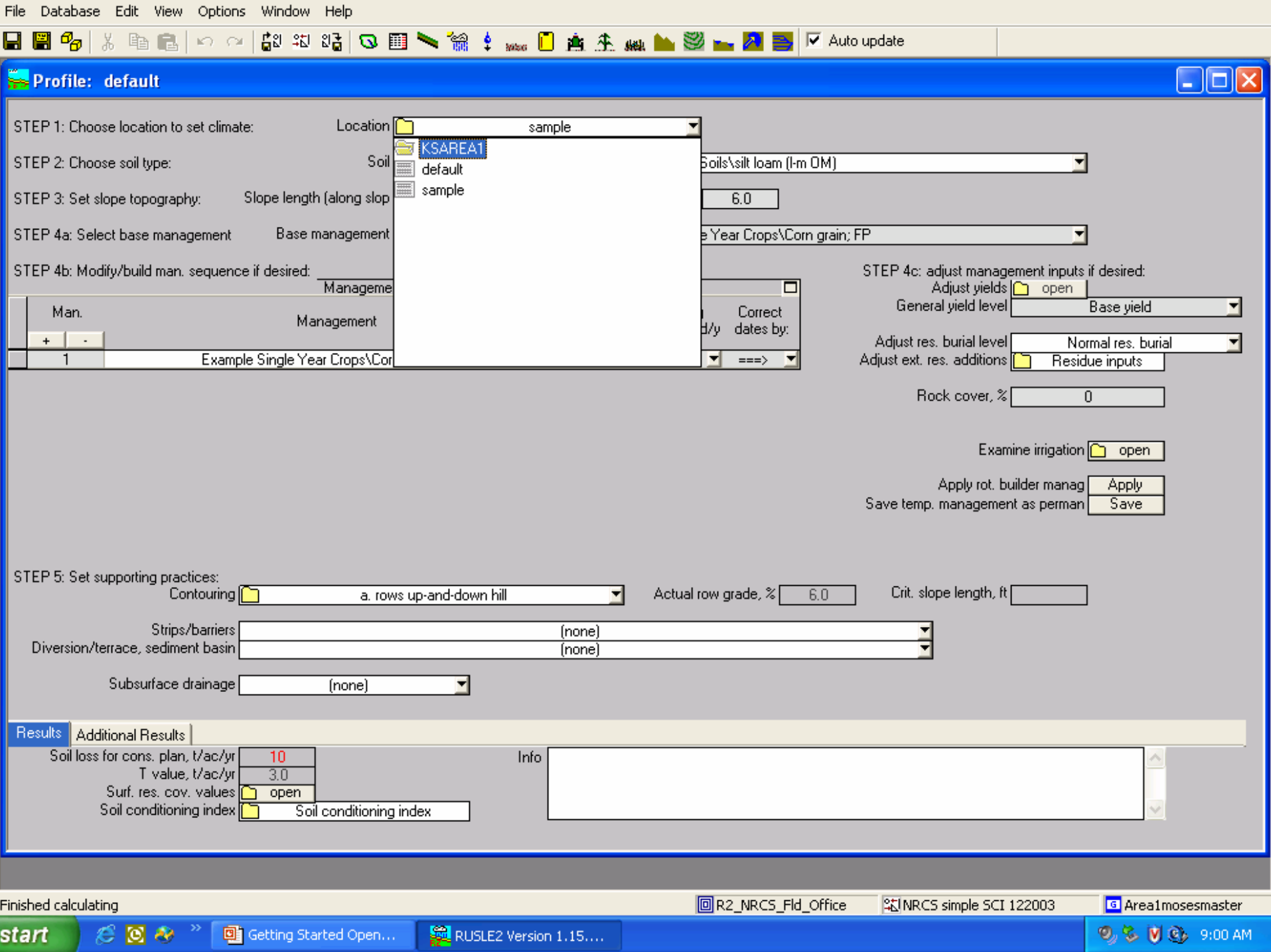
Soil conditioning index: Soil conditioning index

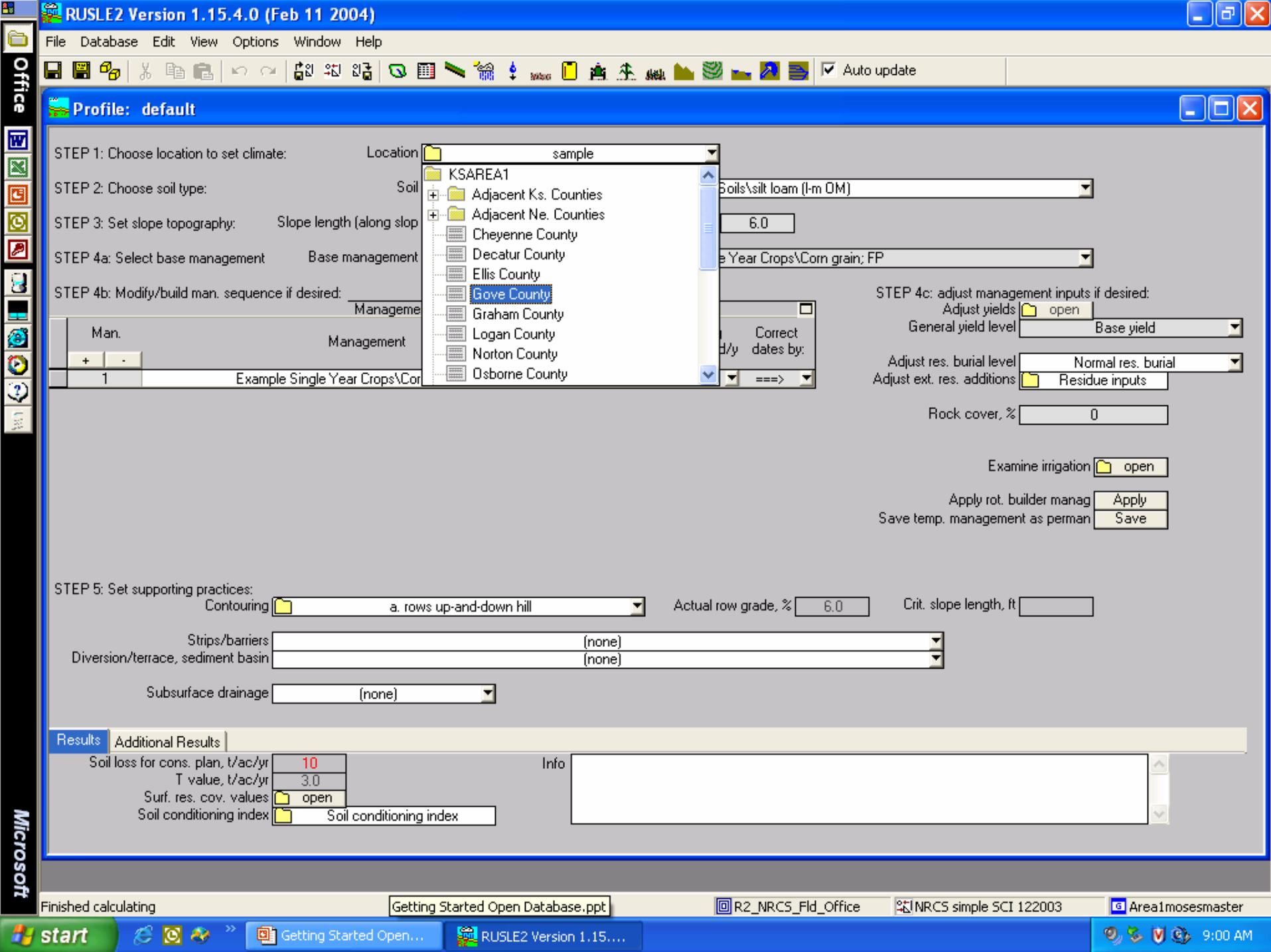
Info

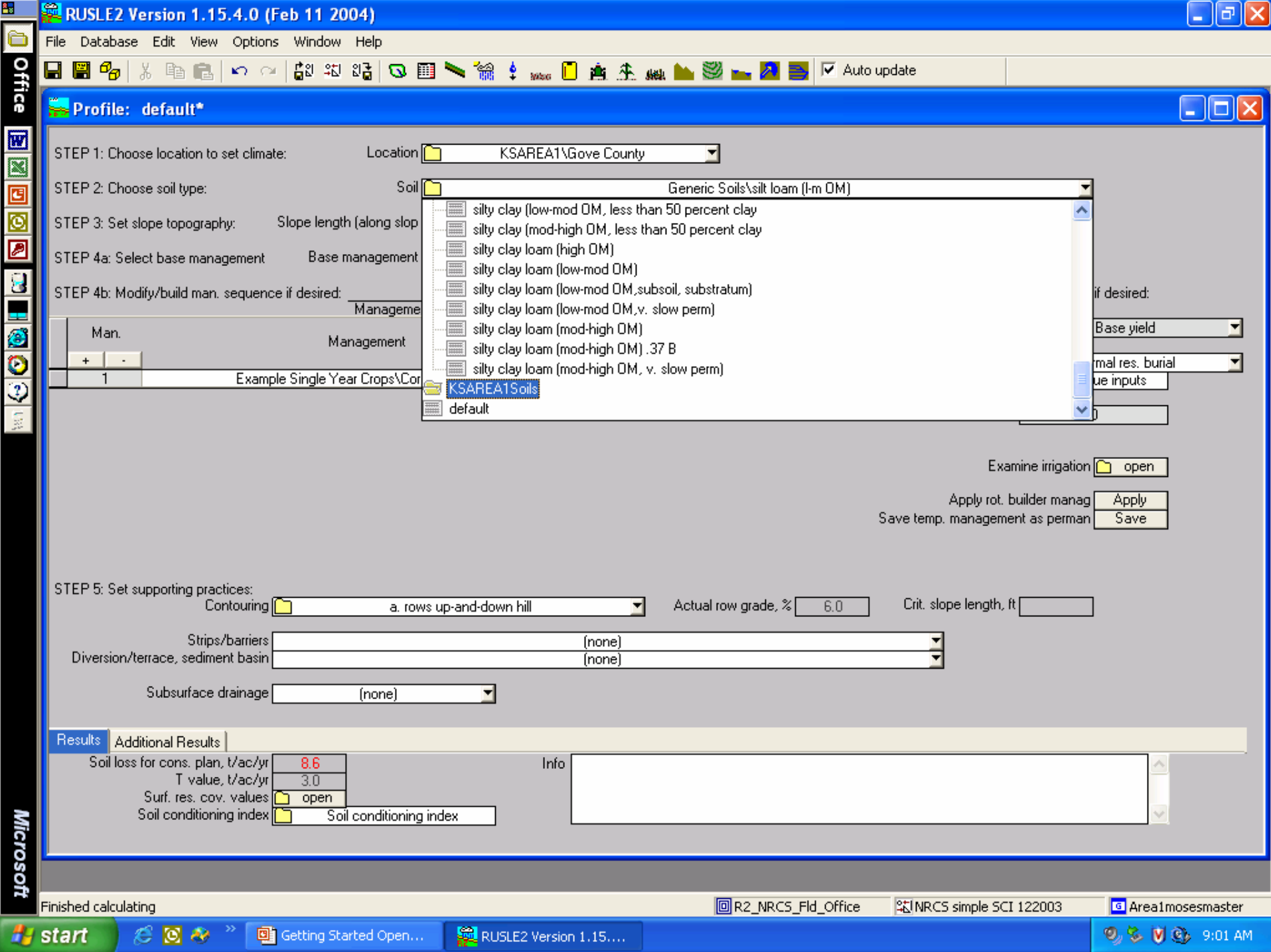
Finished calculating

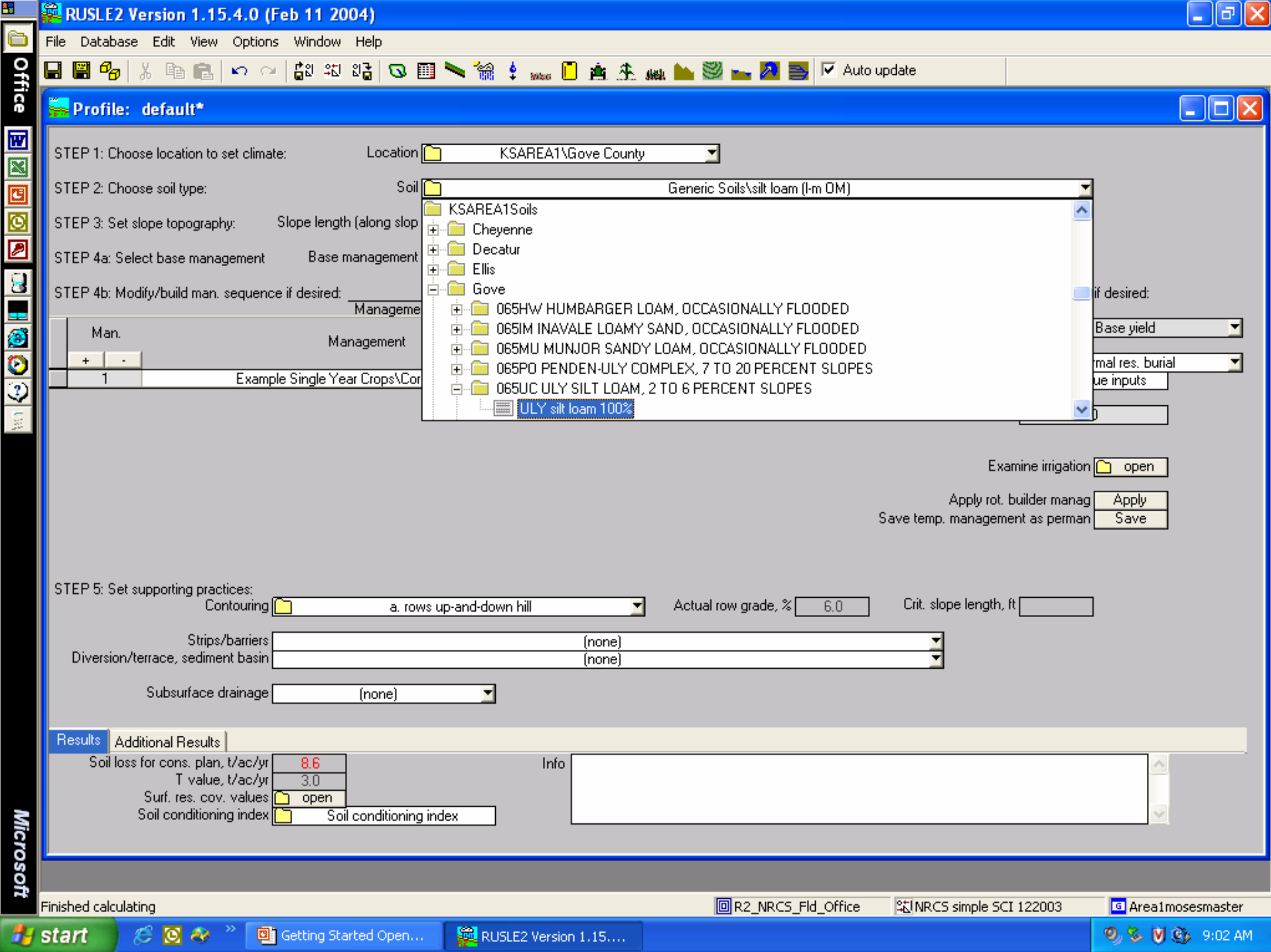
R2_NRCS_Fld_Office | NRCS simple SCI 122003 | Area1mosesmaster

start | Getting Started Open... | RUSLE2 Version 1.15.... | 8:59 AM


File Database Edit View Options Window Help
Auto update
Profile: default
STEP 1: Choose location to set climate:
Location
sample
KSAREA1
default
sample
STEP 2: Choose soil type:
Soil
Soils\silt loam (I-m OM)
STEP 3: Set slope topography:
Slope length (along slop
6.0
STEP 4a: Select base management
Base management
e Year Crops\Corn grain; FP
STEP 4b: Modify/build man. sequence if desired:
Manageme
Man.
Management
Correct dates by:
1
Example Single Year Crops\Cor
===>
STEP 4c: adjust management inputs if desired:
Adjust yields
open
General yield level
Base yield
Adjust res. burial level
Normal res. burial
Adjust ext. res. additions
Residue inputs
Rock cover, %
0
Examine irrigation
open
Apply rot. builder manag
Apply
Save temp. management as perman
Save
STEP 5: Set supporting practices:
Contouring
a. rows up-and-down hill
Actual row grade, %
6.0
Crit. slope length, ft
Strips/barriers
(none)
Diversion/terrace, sediment basin
(none)
Subsurface drainage
(none)
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
10
T value, t/ac/yr
3.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
Finished calculating
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
9:00 AM


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File Database Edit View Options Window Help
Auto update
Profile: default
STEP 1: Choose location to set climate:
Location
sample
KSAREA1
Adjacent Ks. Counties
Adjacent Ne. Counties
Cheyenne County
Decatur County
Ellis County
Gove County
Graham County
Logan County
Norton County
Osborne County
STEP 2: Choose soil type:
Soil
Soils\silt loam (l-m OM)
STEP 3: Set slope topography:
Slope length (along slop
6.0
STEP 4a: Select base management
Base management
Year Crops\Corn grain; FP
STEP 4b: Modify/build man. sequence if desired:
Man.
Management
Correct dates by:
1
Example Single Year Crops\Cor
===>
STEP 4c: adjust management inputs if desired:
Adjust yields
open
General yield level
Base yield
Adjust res. burial level
Normal res. burial
Adjust ext. res. additions
Residue inputs
Rock cover, %
0
Examine irrigation
open
Apply rot. builder manag
Apply
Save temp. management as perman
Save
STEP 5: Set supporting practices:
Contouring
a. rows up-and-down hill
Actual row grade, %
6.0
Crit. slope length, ft
Strips/barriers
(none)
Diversion/terrace, sediment basin
(none)
Subsurface drainage
(none)
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
10
T value, t/ac/yr
3.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
Finished calculating
Getting Started Open Database.ppt
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
9:00 AM


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File Database Edit View Options Window Help
Auto update
Profile: default*
STEP 1: Choose location to set climate:
Location
KSAREA1\Gove County
STEP 2: Choose soil type:
Soil
Generic Soils\silt loam (l-m OM)
STEP 3: Set slope topography:
Slope length (along slop
STEP 4a: Select base management
Base management
STEP 4b: Modify/build man. sequence if desired:
Manageme
Man.
Management
+
-
1
Example Single Year Crops\Cor
silty clay (low-mod OM, less than 50 percent clay
silty clay (mod-high OM, less than 50 percent clay
silty clay loam (high OM)
silty clay loam (low-mod OM)
silty clay loam (low-mod OM,subsoil, substratum)
silty clay loam (low-mod OM,v. slow perm)
silty clay loam (mod-high OM)
silty clay loam (mod-high OM) .37 B
silty clay loam (mod-high OM, v. slow perm)
KSAREA1Soils
default
if desired:
Base yield
mal res. burial
ue inputs
Examine irrigation
open
Apply rot. builder manag
Apply
Save temp. management as perman
Save
STEP 5: Set supporting practices:
Contouring
a. rows up-and-down hill
Actual row grade, %
6.0
Crit. slope length, ft
Strips/barriers
(none)
Diversion/terrace, sediment basin
(none)
Subsurface drainage
(none)
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
8.6
T value, t/ac/yr
3.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
Finished calculating
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
9:01 AM


RUSLE2 Version 1.15.4.0 (Feb 11 2004)
File Database Edit View Options Window Help
Auto update
Profile: default*
STEP 1: Choose location to set climate:
Location
KSAREA1\Gove County
STEP 2: Choose soil type:
Soil
Generic Soils\silt loam (l-m OM)
KSAREA1Soils
Cheyenne
Decatur
Ellis
Gove
065HW HUMBARGER LOAM, OCCASIONALLY FLOODED
065IM INAVALE LOAMY SAND, OCCASIONALLY FLOODED
065MU MUNJOR SANDY LOAM, OCCASIONALLY FLOODED
065PO PENDEN-ULY COMPLEX, 7 TO 20 PERCENT SLOPES
065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES
ULY silt loam 100%
STEP 3: Set slope topography:
Slope length (along slop
STEP 4a: Select base management
Base management
STEP 4b: Modify/build man. sequence if desired:
Man.
Management
1
Example Single Year Crops\Cor
Base yield
Examine irrigation
open
Apply rot. builder manag
Apply
Save temp. management as perman
Save
STEP 5: Set supporting practices:
Contouring
a. rows up-and-down hill
Actual row grade, %
6.0
Crit. slope length, ft
Strips/barriers
(none)
Diversion/terrace, sediment basin
(none)
Subsurface drainage
(none)
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
8.6
T value, t/ac/yr
3.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
Finished calculating
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmaster
start
Getting Started Open...
RUSLE2 Version 1.15....
9:02 AM

File Database Edit View Options Window Help

Auto update

Save As

Profile: Govedefault

STEP 1: Choose location to set climate: Location KSAREA1\Gove County

STEP 2: Choose soil type: Soil KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%

STEP 3: Set slope topography: Slope length (along slop 150 Avg. slope steepness, % 6.0

STEP 4a: Select base management Base management Example Single Year Crops\Corn grain; FP

STEP 4b: Modify/build man. sequence if desired:

Management sequence

Man. +	-	Management	Starting date, m/d/y	Ending date, m/d/y	Correct dates by:
1		Example Single Year Crops\Corn grain; FP	11/1/1	10/20/2	===>

STEP 4c: adjust management inputs if desired:

Adjust yields open

General yield level Base yield

Adjust res. burial level Normal res. burial

Adjust ext. res. additions Residue inputs

Rock cover, % 0

Examine irrigation open

Apply rot. builder manag Apply

Save temp. management as perman Save

STEP 5: Set supporting practices:

Contouring a. rows up-and-down hill Actual row grade, % 6.0 Crit. slope length, ft

Strips/barriers (none)

Diversion/terrace, sediment basin (none)

Subsurface drainage (none)

Results | Additional Results

Soil loss for cons. plan, t/ac/yr 7.6

T value, t/ac/yr 5.0

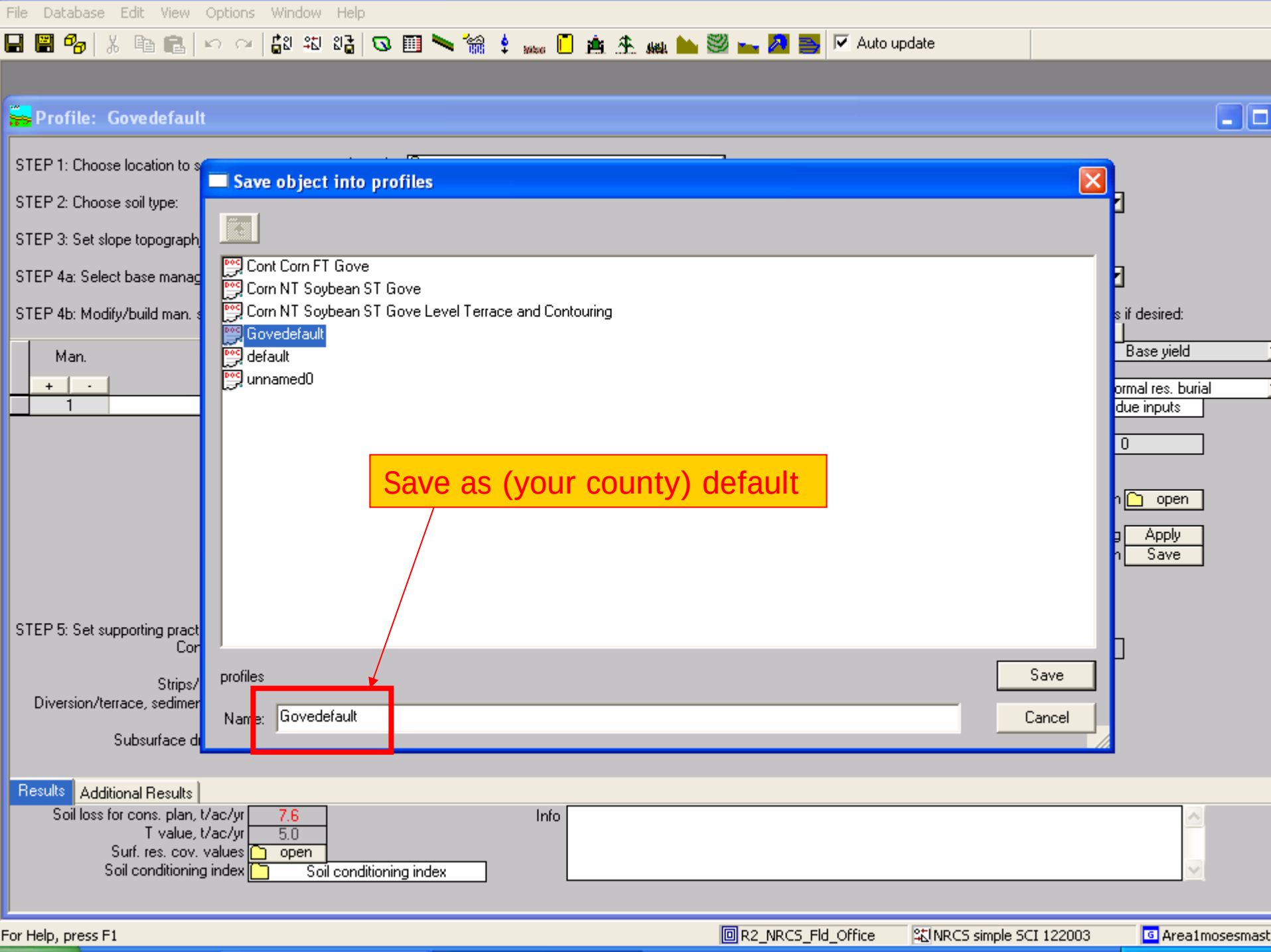
Surf. res. cov. values open

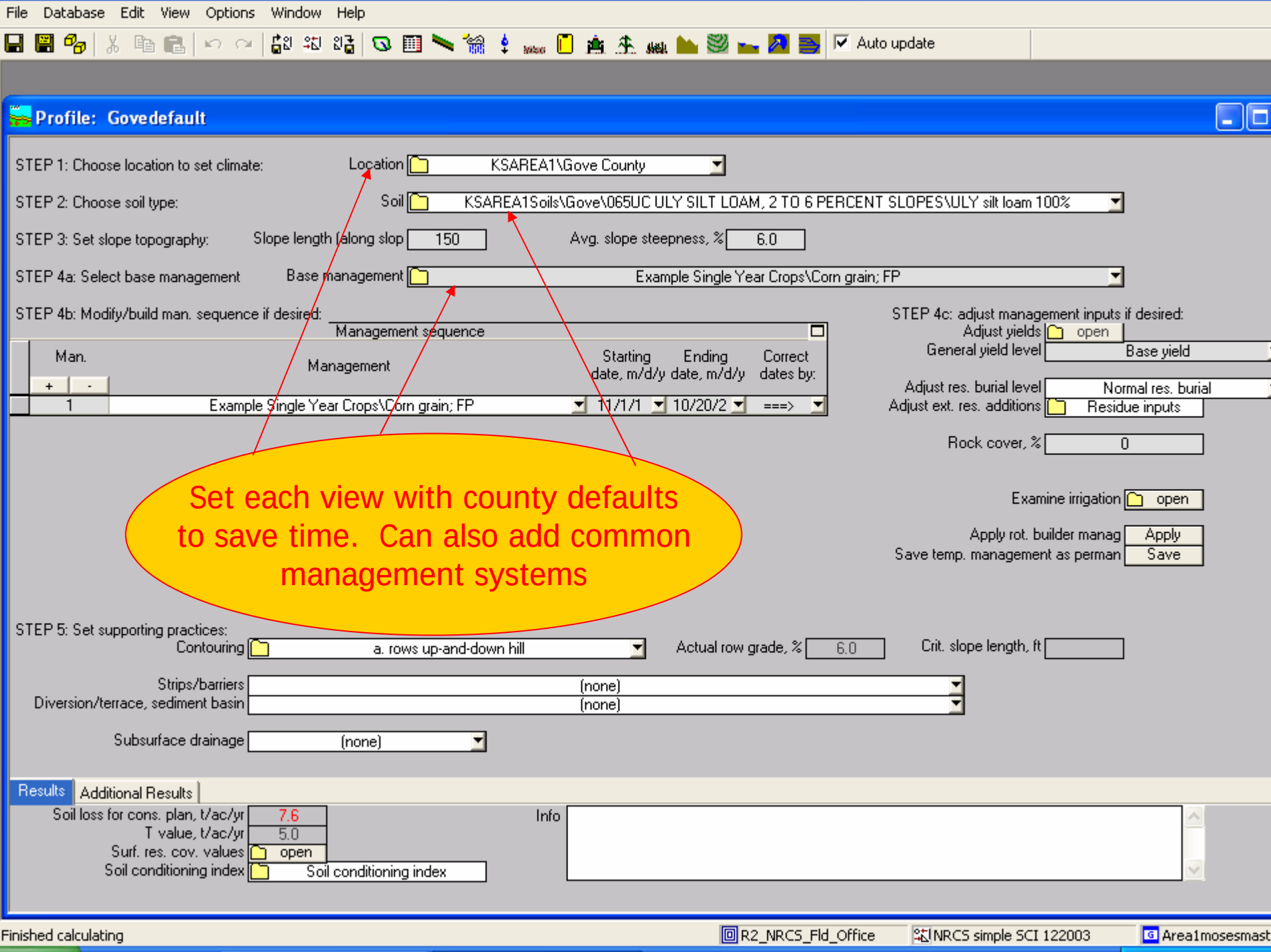
Soil conditioning index Soil conditioning index

Info

Finished calculating

R2_NRCS_Fld_Office NRCS simple SCI 122003 Area1mosesmast


File Database Edit View Options Window Help
Auto update
Profile: Govedefault
STEP 1: Choose location to s
STEP 2: Choose soil type:
STEP 3: Set slope topograph
STEP 4a: Select base manag
STEP 4b: Modify/build man.
Man.
+
-
1
Save object into profiles
Cont Corn FT Gove
Corn NT Soybean ST Gove
Corn NT Soybean ST Gove Level Terrace and Contouring
Govedefault
default
unnamed0
Save as (your county) default
profiles
Name:
Govedefault
Save
Cancel
s if desired:
Base yield
ormal res. burial
due inputs
0
open
Apply
Save
STEP 5: Set supporting pract
Cor
Strips/
Diversion/terrace, sedimer
Subsurface d
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
7.6
T value, t/ac/yr
5.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
For Help, press F1
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast


File Database Edit View Options Window Help
Auto update
Profile: Govedefault
STEP 1: Choose location to set climate:
Location
KSAREA1\Gove County
STEP 2: Choose soil type:
Soil
KSAREA1Soils\Gove\065UC ULY SILT LOAM, 2 TO 6 PERCENT SLOPES\ULY silt loam 100%
STEP 3: Set slope topography:
Slope length (along slop
150
Avg. slope steepness, %
6.0
STEP 4a: Select base management
Base management
Example Single Year Crops\Corn grain; FP
STEP 4b: Modify/build man. sequence if desired:
Management sequence
Man.
Management
Starting date, m/d/y
Ending date, m/d/y
Correct dates by:
1
Example Single Year Crops\Corn grain; FP
11/1/1
10/20/2
===>
STEP 4c: adjust management inputs if desired:
Adjust yields
open
General yield level
Base yield
Adjust res. burial level
Normal res. burial
Adjust ext. res. additions
Residue inputs
Rock cover, %
0
Examine irrigation
open
Apply rot. builder manag
Apply
Save temp. management as perman
Save
Set each view with county defaults to save time. Can also add common management systems
STEP 5: Set supporting practices:
Contouring
a. rows up-and-down hill
Actual row grade, %
6.0
Crit. slope length, ft
Strips/barriers
(none)
Diversion/terrace, sediment basin
(none)
Subsurface drainage
(none)
Results
Additional Results
Soil loss for cons. plan, t/ac/yr
7.6
T value, t/ac/yr
5.0
Surf. res. cov. values
open
Soil conditioning index
Soil conditioning index
Info
Finished calculating
R2_NRCS_Fld_Office
NRCS simple SCI 122003
Area1mosesmast