

USDA Natural Resources Conservation Service North Carolina Section IIA, Soils Information, Field Office Technical Guide.

Contents

All Field Office Technical Guide (FOTG) soils information can be accessed in this section and its subsections. Most of the FOTG soils reports can be produced from the soil database downloads available in each county folder or on the Soil Data Mart web site. Microsoft Access 97 or higher is needed in order to view them. An internet-based interactive web site is also available for selected counties. Data downloads and the interactive site are at:

<http://soildatamart.nrcs.usda.gov/County.aspx?State=NC>

Other reports are downloadable or viewable as Adobe Acrobat Reader (pdf) documents or can be acquired from the local field office in each soil survey area. Reports only available from the field office are mentioned in the subsections for each soil survey area. Internet Explorer 5.x or higher should be used to view these pages and screen resolution be set to 1024 by 768 or you may not see the full screens.

Soil Database Downloads

To open or save to disk the Microsoft Access 97 soil database with soil reports for any survey area in the state of North Carolina go to the individual county folders. The Access files have been compressed to speed the download time. Each Access database is in a zipped file named with the soil survey area symbol (such as nc007) and the suffix ".zip". Each file should be saved on your local computer and unzipped. The resulting Access database will have the same soil survey area symbol (such as nc007) and the suffix ".mdb". An example of the complete file name is nc007.mdb. These databases work with Access 97 or can be opened and run with later versions of Microsoft Access.

When you start up the Access 97 database, a screen will come up and you can select one or all, or scattered groups of soil map units. Choose one from the list of reports you want to run, then click "generate report". Using Select Parameters you can run reports on interpretations not listed in the standard set of reports.

Versions of the Access Databases

All reports from the Access Databases have a Distribution Generation Date listed at the bottom of the report that identifies the day the data was created. Only certified datasets are posted to the eFOTG site. The metadata server indicates the date and time of certification.

Soil Geospatial Data (SSURGO)

Soil Data Viewer is a tool built as an extension to ArcView ® that allows you to easily create soil-based thematic maps. Soil DataViewer shields users and applications from the complexity of the soil database and incorporates rules for appropriate use of soil data. It provides an easy to use tool for geospatial analysis of soil information for resource assessment and management. The requirements to run the Soil Data Viewer are Arc View 3.x, the Soil Data Mart.

Other Links

General and specific soils information links can be found at <http://www.nc.nrcs.usda.gov/> on the North Carolina web page for the Natural Resources Conservation Service.