Source Data for the Official Soil Survey

Chowan County - General

The traditional final product of the first generation soil survey mapping has been the soil survey publication. Each publication included soil map unit descriptions, series descriptions, tables of information (attributes), and maps. The new soil survey is a digital product named SSURGO. A web-based application, the Web Soil Survey, has been made available for public use. Electronic files may be downloaded from the Web Soil Survey. It consists of the newest NRCS SSURGO soils data, along with information from other official federal data sources such as US Geological Survey and the US Census Bureau. These generally include an orthophotographic background, roads, streams, coordinates, and other data for orientation and location purposes.

The Chowan and Perquimans Counties soil survey was published in 1986 and remains the official source of soil descriptions. The soil survey publication is out-of-print. A historical replica was made by scanning the soil survey publication and is available on CD. The archived soil survey manuscript and maps are available in Adobe PDF format. The soil maps have been digitized.

The official source of soil data is the Web Soil Survey. The SSURGO tabular and/or spatial data and interpretations may be downloaded from:

http://websoilsurvey.nrcs.usda.gov/app/

The data on this site is the most current.

The archived soil survey manuscript and maps are available from:

http://soils.usda.gov/survey/online_surveys/north_carolina/

Copies of the published soil survey are no longer available. The historical replica CD may be obtained from:

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Disclaimer

The tabular data set is not designed for use as a primary regulatory tool in permitting or siting decisions, but it may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or other groups or individuals based on their needs. The user, however, is responsible for the appropriate application of the data. Federal, State, or local regulatory bodies are not to reassign to the Natural Resources Conservation Service any authority for the decisions that they make. NRCS will not perform any evaluations of these data for purposes related solely to State or local regulatory programs.

The interpretations and analyses derived from these data do not eliminate the need for onsite sampling, testing, and detailed study of specific sites for intensive uses. Thus, these data and their interpretations are intended for planning purposes only. Files are dated and users are responsible for obtaining the latest version of the data.

Soil maps in the soil surveys may be copied or printed without permission. Enlargement of these maps, however, could cause misunderstanding of the detail of mapping. If the map is viewed or printed from an online or digital source, the viewing scale and printing scale may differ from the original publication scale. Please rely on the bar scale on each map sheet for proper map measurement.