SOIL DRAINAGE CLASS
LEBANON, CONNECTICUT

LEGEND

- **Essentially dry** - Water is removed very rapidly. The occurrence of annual wetness is common in very sandy or gravelly soils, and in soils that are well drained. The soils are not regularly wet except in highly elevated areas or where surface drainage is highly confined. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is essentially dry. Soils with a normal water regime, that may be artificially drained.

- **Somewhat excessively drained** - Water is removed from the soil slowly, but very rapidly during the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is somewhat excessively drained. Soils with a normal water regime, that may be artificially drained.

- **Well drained** - Water is removed from the soil slowly, but very rapidly during the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is well drained. Soils with a normal water regime, that may be artificially drained.

- **Moderately well drained** - Water is removed from the soil slowly, but very rapidly during the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is moderately well drained. Soils with a normal water regime, that may be artificially drained.

- **Somewhat poorly drained** - Water is removed slowly, so that the soil surface is wet for part of the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is somewhat poorly drained. Soils with a normal water regime, that may be artificially drained.

- **Poorly drained** - Water is removed slowly, so that the soil surface is wet for most of the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is poorly drained. Soils with a normal water regime, that may be artificially drained.

- **Very poorly drained** - Water is removed slowly, so that the soil surface is wet for most of the growing season. The occurrence of annual wetness is common in sandy soils and in soils that are well drained. The soils enjoy a normal supply of water, and typical growth classes, most growing seasons. The soil drainage class is very poorly drained. Soils with a normal water regime, that may be artificially drained.

EXPLANATION

Soil Drainage Class refers to the frequency and duration of wet periods. The soils in the Lebanon, Connecticut area are generally well drained, with a few areas that are moderately well drained or slightly poorly drained. The map shows areas where the water regime is critical for agricultural and forest management. The soils in the Lebanon area are well suited for a variety of crops and can support a wide range of vegetation.

DATA SOURCES

- **Soil Survey Geographic Database (SSURGO)**: This database contains detailed information about the soil properties and their spatial distribution. It is a valuable resource for understanding the soil resources in the Lebanon area.
- **National Cooperative Soil Survey (NCSS)**: The NCSS provides a comprehensive database of soil data, including soil properties, classifications, and characteristics. This database is used to support a wide range of applications.

Note: The map was created using data from the USDA Natural Resources Conservation Service (NRCS). The map is intended for educational and informational purposes only and should not be used for legal or engineering purposes. The map does not include all the soil data available, and may be subject to change. For more detailed information, please consult the source data.