SOIL FLOODING CLASS
GUILFORD, CONNECTICUT

LEGEND

- Very Frequent - Flooding is likely to occur every winter under normal weather conditions. The chance of flooding is more than 50 percent in any month.
- Frequent - Flooding is likely to occur under normal winter conditions. The chance of flooding is more than 50 percent in any month.
- Occasional - Flooding occurs infrequently under normal winter conditions. The chance of flooding is less than 50 percent in any month.
- Rare - Flooding is unlikely to occur under normal winter conditions. The chance of flooding is less than 10 percent in any month.
- Not Rated - Soil having characteristics that are not representative of flooding soils. These areas are not analyzed or mapped. These areas may be subject to flooding under extreme and unusual conditions, such as severe weather conditions, storms, or other circumstances.

EXPLANATION

Soil susceptibility to flooding in the eastern portion of the state is affected by soil depth, natural features, and the area's potential for flooding. The eastern part of the state is characterized by low-lying areas, with many rivers and streams. The soils in this area are typically sandy and have shallow depths, making them susceptible to flooding.

DATA SOURCES

- Soil Survey Data: Soil maps show the different soil types in the area. The data is derived from soil surveys conducted by the U.S. Department of Agriculture (USDA).
- Topographic Data: Topographic maps show the elevation and topography of the area. The data is derived from aerial photography and topographic surveys.
- Flood Data: Flood maps show the areas that are prone to flooding. The data is derived from historical flood records and flood modeling.

This map is a product of the Connecticut Agricultural Experiment Station and the Connecticut Department of Environmental Protection. The map was created using data provided by the USDA and other agencies. The map was prepared by CTDEP.