SOIL FLOODING CLASS
NEW FAIRFIELD, CONNECTICUT

LEGEND

- Very Frequent - Flooding is likely to occur very often under normal weather conditions. The chance of flooding is more than 50 percent of all years.
- Frequent - Flooding is likely to occur often under normal weather conditions. The chance of flooding is more than 20 percent but less than 50 percent of all years.
- Occasional - Flooding occurs independently under normal weather conditions. The chance of flooding is less than 20 percent of all years.
- Rare - Flooding is unlikely to occur under normal weather conditions. The chance of flooding is less than 1 percent of all years.
- Not Known - Soil flooding characteristics that show extreme variations are a characteristic of the soil.

EXPLANATION

Soil flooding is a phenomenon that occurs due to various factors, such as overland flow, saturated conditions, and groundwater rise. The map shows soil flooding classes based on the flooding frequency and extent. The legend categorizes the areas based on the likelihood of flooding, ranging from Very Frequent to Not Known.

DATA SOURCES

- NRCS Soil Survey Geographic (SSURGO) Database: The SSURGO database provides detailed information on soil properties, including flooding class and frequency. This data is used to create the map, showing the distribution and extent of flooding areas.
- Other GIS Data: Additional data, such as topographic maps and floodplain information, are used to enhance the map's accuracy and provide a comprehensive view of soil flooding conditions.

The map is designed to help identify areas prone to flooding, aiding in planning and mitigation efforts. It is an important tool for urban planning, land use, and infrastructure development, ensuring that projects are not sited in areas prone to flooding.