**SOIL FLOODING CLASS**
**FARMINGTON, CONNECTICUT**

**LEGEND**

- Very Frequent: Flooding is likely to occur very often under normal weather conditions. The chance of flooding is more than 10% in any year.
- Frequent: Flooding is likely to occur often under normal weather conditions. The chance of flooding is more than 10% to less than 50% in any year.
- Occasional: Flooding occurs infrequently under normal weather conditions. The chance of flooding is less than 50% in any year.
- Rare: Flooding is unlikely to occur under normal weather conditions. The chance of flooding is less than 1 in 30 years in any year.
- Not Rated: Soil having characteristics that show severe conditions for flooding. These areas are either land complexes or areas with severe soil conditions, or the soils are not flooded under normal conditions.

**EXPLANATION**

Soil susceptibility to flooding is the estimate of the potential for a given soil to flood. The analysis is based on hydrologic characteristics of the soils. The model is used to estimate the frequency and duration of flooding that may occur as a result of changes in land use. The susceptibility values are based on the following factors:

- Overland flow
- Infiltration capacity
- Storage capacity
- Soil texture

**DATA SOURCES**

- Soil Survey Geographic (SSURGO) database
- Elevation data from the National Elevation Dataset (NED)
- Reservoir and stream data from the National Hydrography Dataset (NHD)

The map represents the soil susceptibility to flooding and is based on the analysis of soil characteristics and local hydrologic conditions. The susceptibility values are intended to provide a general indication of flood risk and should not be used for detailed flood hazard evaluation.

**STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Map created by CTDEP

Date: September 2021