SOIL FLOODING CLASS
BRIDGEPORT, CONNECTICUT

LEGEND

- Very Frequent - Flooding is likely to occur very often under normal rainfall conditions. The chance of flooding is more than 1 in 5 of all years.
- Frequent - Flooding is likely to occur often under normal rainfall conditions. The chance of flooding is in excess of 1 in 10 of all years.
- Occasional - Flooding occurs independently under normal rainfall conditions. The chance of flooding is less than 1 in 20 of all years.
- Rare - Flooding is unlikely to occur under normal rainfall conditions. The chance of flooding is less than 1 in 40 of all years.
- Not Flooded - Soil having characteristics that do not contribute to flooding. These soils are either land-connected or not accessible.

EXPLANATION

Soil susceptibility to flooding is the intrinsic combination of soils and surface and subsurface conditions, topography, and land use history that make a soil group more or less susceptible to flooding. The susceptibility is expressed as a Soil Flood Rating (SFR). The SFR is determined using a soil classification and surface and subsurface conditions, topography, and land use history approach that uses a soil susceptibility rating (SSR) and a flood group rating (FG) to determine an SFR. The SFR is a measure of the potential for soil flooding due to surface and subsurface water movement. An SFR of 1 indicates that flooding is very unlikely to occur, while an SFR of 5 indicates that flooding is very likely to occur. The SFR is determined using a soil classification and surface and subsurface conditions, topography, and land use history approach that uses a soil susceptibility rating (SSR) and a flood group rating (FG) to determine an SFR. The SFR is a measure of the potential for soil flooding due to surface and subsurface water movement. An SFR of 1 indicates that flooding is very unlikely to occur, while an SFR of 5 indicates that flooding is very likely to occur.

DATA SOURCES

USDA Maps - Soil maps are available from the USDA-NRCS. The maps are available online at the NRCS website (www.nrcs.usda.gov) and can be accessed by state, county, or parcel. The maps are available in various formats, including PDF, JPEG, and TIFF. The maps are updated periodically to reflect changes in soil mapping and classification.

NRCS Maps - The NRCS provides soil maps and associated data for the United States. The maps are available online at the NRCS website (www.nrcs.usda.gov) and can be accessed by state, county, or parcel. The maps are available in various formats, including PDF, JPEG, and TIFF. The maps are updated periodically to reflect changes in soil mapping and classification.

The map is provided as an example of soil mapping and classification.

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