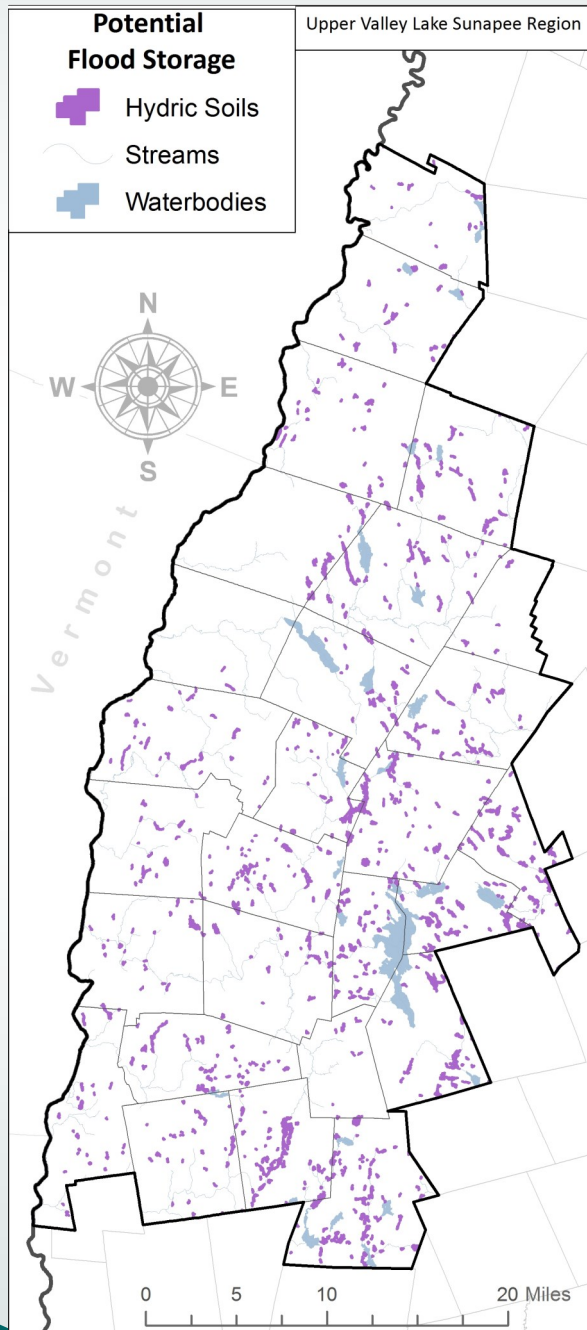




Your Regional Plan

Conserved Flood Storage Land Environmental



Metric:

Out of 663,768 acres in the Upper Valley Lake Sunapee region, 10,026 acres (1.5%) are hydric soil which can act as a buffer for flooding. Of that area, 1,892 acres (19%) is under conservation.

Geography:

Municipal

Summary:

This metric gives the area of flood storage land found in a conservation area. What is flood storage land? Some soils are more adept at holding water than others. In particular, there is a class of soils called hydric soils. Hydric soils formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part. These areas tend to be those which will absorb water and release it slowly, helping to buffer potential floods. This metric uses the soil survey data for New Hampshire, equating hydric soils with flood storage land.

The statewide metric measures the area of flood storage land in conservation relative to the total area of the region. We have added a field for total flood storage land, so the percentage of flood storage land in conservation can be seen.

Data Sources:

Soil Survey Geographic (SSURGO) database for New Hampshire
GRANIT Conservation and Protected Lands

