

SOIL SERIES DESCRIPTION

Tukwila Muck

Mapping Symbols: Tu

The Tukwila series consists of very poorly drained organic soils that formed in decomposing sedges, rushes, grasses, and shrubs. These soils are in wet basins of upland depressions and on stream bottoms. Slopes are 0 to 1%. The annual precipitation is 35 to 80 inches and the mean annual temperature is 50 degrees F. The frost-free season is about 150 to 200 days. Elevation ranges from 25 to 750 feet.

Typical Profile:

Depth from Surface:

0 to 60 Inches: Black to very dark brown muck

Permeability:

Moderate

Rooting Depth:

60 inches + if drained

Depth to Seasonal High Water Table:

0 to 1 foot

Available Water Holding Capacity:

High

Runoff Potential:

Ponded

Erosion and Slippage Hazard:

Slight

Use and Management:

If drained, Tukwila soils are used for row crops and pastures. They have severe limitations for agricultural and forestry use, forestry, engineering, and recreational purposes because of the organic content, high water table, and poor drainage.