

28: Udifluvents and Fluvaquents, nearly level

The Fluvaquents component makes up 45 percent of the map unit. The natural drainage class is poorly drained. This component is on flood plains on river valleys. The parent material consists of sandy alluvium and/or loamy alluvium. Depth to a root restrictive layer is greater than 60 inches.

The Udifluvents component makes up 45 percent of the map unit. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is high. This component is on flood plains on river valleys. The parent material consists of sandy and gravelly alluvium. Depth to a root restrictive layer is greater than 60 inches.

Important farmland classification: NPSL

Land capability: 5 w

Vermont Agricultural Value Group: 11

Vermont Residential Onsite Waste Disposal Group and Subgroup: V

This unit is not rated as a site for soil-based residential wastewater disposal systems. Due to the variable nature of the soils, on-site investigations are needed to determine their suitability.

PHYSICAL and CHEMICAL PROPERTIES							EROSION FACTORS		
Soil name	Depth (In)	Typical texture	Clay (Pct)	Soil reaction (pH)	Permeability (In/Hr)	Organic matter (Pct)	Kw	Kf	T
Fluvaquents									---
Udifluvents	0-6	VAR	---	---	2-100	---	---	---	5
	6-60	VAR	---	---	2-100	---	---	---	

WATER FEATURES					SOIL FEATURES			
Soil name	Hydrologic group	Depth to seasonal high water table (Feet)	Flooding		Ponding		Hydric soil?	Depth to bedrock (range in inches)
			Frequency	Duration	Frequency	Duration		
Fluvaquents	---	0.5-2.0	Frequent	Brief (2 to 7 days)	None		Unranked	---
Udifluvents	A	2.0->6.0	Frequent	Brief (2 to 7 days)	None		Unranked	---

LAND USE LIMITATIONS				AGRICULTURAL YIELD DATA	
Soil name	Land use	Rating	Reason **	Crop name	Yield / acre
Udifluvents	Dwellings with basements:	Not rated			
Fluvaquents	Dwellings with basements:	Not rated			
Udifluvents	Pond reservoir areas:	Not rated			
Fluvaquents	Pond reservoir areas:	Not rated			

WOODLAND MANAGEMENT				
Soil name	Management concern	Rating	Reason	Vermont natural communities
Udifluvents	Harvest equip operability:	Not rated	Not rated; slope	
Fluvaquents	Harvest equip operability:	Not rated	Not rated; slope	
Udifluvents	Road suitability:	Not rated	Not rated; slope	
Fluvaquents	Road suitability:	Not rated	Not rated; slope	
Udifluvents	Erosion hazard (off-road):	Not rated		
Fluvaquents	Erosion hazard (off-road):	Not rated		