

HYDRIC SOILS LIST

St. Joe Area, Idaho, Parts of Benewah and Shoshone Counties

This report only includes map units with at least one hydric component. Map units with no hydric components are not listed. Definitions of hydric criteria codes are included at the end of the report.

Map symbol and map unit name	Component	Percent of map unit	Hydric rating	Landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
6: Aquic Udifluvents, 0 to 4 percent slopes	Aquic Udifluvents	85	No	---	---	---	---	---
	Bellslake	3	Yes	depression	4,3,2B3	Yes	Yes	Yes
	Miesen	3	No	---	---	---	---	---
	Pokey	3	No	---	---	---	---	---
	Ramsdell	3	Yes	depression	4,2B3	Yes	Yes	No
	Typic Fluvaquents	3	Yes	flood plain	4,2B3	Yes	Yes	No
9: Bellslake silt loam, 0 to 1 percent slopes	Bellslake	85	Yes	flood plain	3,4,2B3	Yes	Yes	Yes
	Mazie	4	Yes	flood plain	2B3,3,4	Yes	Yes	Yes
	Miesen	4	No	---	---	---	---	---
	Ramsdell	4	Yes	flood plain	2B3,4	Yes	Yes	No
	Organic soil	3	Yes	flood plain	1,3,4	No	Yes	Yes
17: Clarkia silt loam, 0 to 2 percent slopes	Clarkia	85	No	---	---	---	---	---
	Helmer	5	No	---	---	---	---	---
	Mazie	5	Yes	flood plain	4,2B3	Yes	Yes	No
	Pokey	5	No	---	---	---	---	---
20: Dumps, mine-Aquic Udifluvents complex, 0 to 4 percent slopes	Dumps, mines	50	No	---	---	---	---	---
	Aquic Udifluvents	35	No	---	---	---	---	---
	Riverwash	5	No	---	---	---	---	---
	Typic Fluvaquents	5	Yes	flood plain	4,2B3	Yes	Yes	No
	Udarents	5	No	---	---	---	---	---
66: Mazie silt loam, 0 to 2 percent slopes	Mazie	85	Yes	flood plain	2B3,4	Yes	Yes	No
	Clarkia	4	No	---	---	---	---	---

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68: Miesen silt loam, 0 to 2 percent slopes	Pokey	4	No	---	---	---	---	---
	Ramsdell	4	Yes	flood plain	2B3,4	Yes	Yes	No
	Bellslake	3	Yes	flood plain	2B3,3,4	Yes	Yes	Yes
	Miesen	85	No	---	---	---	---	---
	Bellslake	4	Yes	flood plain	1,3,4	No	Yes	Yes
	Organic soils	4	Yes	flood plain	4,3,1	No	Yes	Yes
	Ramsdell	4	Yes	flood plain	2B3,4	Yes	Yes	No
69: Miesen-Ramsdell silt loams, 0 to 4 percent slopes	Pokey	3	No	---	---	---	---	---
	Miesen	45	No	---	---	---	---	---
	Ramsdell	40	Yes	flood plain	4,2B3	Yes	Yes	No
	Bellslake	4	Yes	flood plain	4,2B3,3	Yes	Yes	Yes
	Mazie	4	Yes	flood plain	2B3,4	Yes	Yes	No
	Organic soil	4	Yes	flood plain	1,3,4	No	Yes	Yes
	Pokey	3	No	---	---	---	---	---
79: Pokey-Typic Fluvaquents complex, 0 to 4 percent slopes	Pokey	50	No	---	---	---	---	---
	Typic Fluvaquents	35	Yes	flood plain	2B3,4	Yes	Yes	No
	Aquic Udifluvents	3	No	---	---	---	---	---
	Clarkia	3	No	---	---	---	---	---
	Mazie	3	Yes	flood plain	2B3,4	Yes	Yes	No
	Riverwash	3	No	---	---	---	---	---
	Udarents, flooded	3	Yes	flood plain	4	No	Yes	No
80: Ramsdell silt loam, 0 to 2 percent slopes	Ramsdell	85	Yes	flood plain	2B3,4	Yes	Yes	No
	Bellslake	4	Yes	flood plain	2B3,3,4	Yes	Yes	Yes

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
89: Udarents, 0 to 4 percent slopes, frequently flooded	Mazie	4	Yes	flood plain	4,2B3	Yes	Yes	No
	Miesen	4	No	---	---	---	---	---
	Organic soil	3	Yes	flood plain	1,4,3	No	Yes	Yes
	Udarents	85	No	---	---	---	---	---
	Clarkia	5	No	---	---	---	---	---
	Pokey	5	No	---	---	---	---	---
	Poorly or very poorly drained	5	Yes	flood plain	4,2B3	Yes	Yes	No

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folist.
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that:
 - A. are somewhat poorly drained and have a water table at the surface (0.0 feet) during the growing season, or
 - B. are poorly drained or very poorly drained and have either:
 - 1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or
 - 2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or
 - 3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.
3. Soils that are frequently ponded for long or very long duration during the growing season.
4. Soils that are frequently flooded for long or very long duration during the growing season.