

Hydric Soil Interpretations
Hydric Soils List

Geneva County, Alabama

NOTE: All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
AaB: ALAGA LOAMY SAND, 0 TO 5 PERCENT SLOPES	ALAGA	No	---	---	---	---	---
ApA: ALPIN SAND, 0 TO 3 PERCENT SLOPES	ALPIN	No	---	---	---	---	---
	Leaf	Yes	depression	2B3	YES	NO	NO
ArA: ARDILLA SANDY LOAM, 0 TO 2 PERCENT SLOPES	ARDILLA	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
	Rains	Yes	depression	2B3	YES	NO	NO
Bb: BIBB AND OSIER SOILS, FREQUENTLY FLOODED	BIBB	Yes	---	2B3	YES	NO	NO
	OSIER	Yes	---	2B2	YES	NO	NO
BK: BIGBEE-KALMIA-EUNOLA ASSOCIATION	BIGBEE	No	---	---	---	---	---
	KALMIA	No	---	---	---	---	---
	EUNOLA	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Osier	Yes	depression	2B3	YES	NO	NO
BoB: BONIFAY LOAMY SAND, 0 TO 5 PERCENT SLOPES	BONIFAY	No	---	---	---	---	---
By: BYARS SOILS, PONDED	BYARS	Yes	---	2B3,3	YES	NO	YES
Cb: CHASTAIN AND BIBB SOILS	CHASTAIN	Yes	---	2B3	YES	NO	NO
	BIBB	Yes	---	2B3	YES	NO	NO
DoA: DOTHAN SANDY LOAM, 0 TO 2 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
DoB: DOTHAN SANDY LOAM, 2 TO 5 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
	Rains	Yes	depression	2B3	YES	NO	NO

Hydric Soils List (cont.)

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria			
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
DoC: DOTHAN SANDY LOAM, 5 TO 8 PERCENT SLOPES	DOTHAN	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
EsB: ESTO LOAMY SAND, 2 TO 5 PERCENT SLOPES	ESTO	No	---	---	---	---	---
EsC: ESTO LOAMY SAND, 5 TO 12 PERCENT SLOPES	ESTO	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Osier	Yes	drainageway	2B3	YES	NO	NO
Eu: EUNOLA SANDY LOAM	EUNOLA	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Leaf	Yes	depression	2B3	YES	NO	NO
FuB: FUQUAY LOAMY SAND, 1 TO 5 PERCENT SLOPES	FUQUAY	No	---	---	---	---	---
Gr: GRADY SILT LOAM	GRADY	Yes	---	2B3	YES	NO	NO
KaA: KALMIA LOAMY SAND, 0 TO 3 PERCENT SLOPES	KALMIA	No	---	---	---	---	---
	Bibb	Yes	depression	2B3	YES	NO	NO
	Leaf	Yes	depression	2B3	YES	NO	NO
Le: LEAF-LENOIR COMPLEX	LEAF	Yes	depression	2B3	YES	NO	NO
	LENOIR	No	---	---	---	---	---
LuB: LUCY LOAMY SAND, 0 TO 5 PERCENT SLOPES	LUCY	No	---	---	---	---	---
OrA: ORANGEBURG SANDY LOAM, 0 TO 2 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
OrB: ORANGEBURG SANDY LOAM, 2 TO 5 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
OrC: ORANGEBURG SANDY LOAM, 5 TO 8 PERCENT SLOPES	ORANGEBURG	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Pm: PLUMMER LOAMY SAND	PLUMMER	Yes	---	2B2	YES	NO	NO
Ra: RAINS SANDY LOAM	RAINS	Yes	---	2B3	YES	NO	NO
RbA: RED BAY SANDY LOAM, 0 TO 2 PERCENT SLOPES	RED BAY	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
RbB: RED BAY SANDY LOAM, 2 TO 5 PERCENT SLOPES	RED BAY	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Grady	Yes	depression	2B3	YES	NO	NO

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
RbC: RED BAY SANDY LOAM, 5 TO 8 PERCENT SLOPES	RED BAY	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
RsD: RED BAY LOAMY SAND, 8 TO 12 PERCENT SLOPES	RED BAY	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
TrB: TROUP LOAMY SAND, 0 TO 5 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	Grady	Yes	depression	2B3	YES	NO	NO
TrC: TROUP LOAMY SAND, 5 TO 12 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Osier	Yes	drainageway	2B3	YES	NO	NO

FOOTNOTES :

There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

Areas mapped as water or any map unit that contains one of the following conventional symbols is considered a hydric soil map unit: marshes or swamps; wet spots; depressions; streams, lakes and ponds.

Hydric Criteria Codes:

Code 1 = All Histosols except Folists.

Code 2A = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are somewhat poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season.

Code 2B1 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a frequently occurring water table less than 0.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if textures are coarse sand, sand or fine sand in all layers within 20 inches.

Code 2B2 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.0 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is equal to or greater than 6.0 inches/hr in all layers within 20 inches.

Code 2B3 = Soils in Aquic suborder, Aquic subgroup, Albolls suborder, Salorthids great group, Pell great groups of Vertisols, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table that frequently occurs at less than 1.5 feet from the surface for a significant period (usually 14 consecutive days or more) during the growing season if permeability is less than 6.0 inches/hr in any layer within 20 inches.

Code 3 = Soils that are frequently ponded for long or very long duration during the growing season.

Code 4 = Soils that are frequently flooded for long or very long duration during the growing season.