

Hydric Soil Interpretations
Hydric Soils List

Mobile 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
2: ALAGA-HARLESTON ASSOCIATION, UNDULATING	ALAGA	No	---	---	---	---	---
	HARLESTON	No	---	---	---	---	---
	Bethera	Yes	drainageway	2B3	YES	NO	NO
	Smithton	Yes	drainageway	2B2	YES	NO	NO
3: AXIS MUCKY SANDY CLAY LOAM, 0 TO 1 PERCENT SLOPES	AXIS	Yes	---	4,2B3	YES	YES	NO
4: BAMA SANDY LOAM, 0 TO 2 PERCENT SLOPES	BAMA	No	---	---	---	---	---
5: BAMA SANDY LOAM, 2 TO 5 PERCENT SLOPES	BAMA	No	---	---	---	---	---
6: BAMA SANDY LOAM, 5 TO 8 PERCENT SLOPES	BAMA	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
7: BAYOU-ESCAMBIA ASSOCIATION, GENTLY UNDULATING	BAYOU	Yes	depression	2B3	YES	NO	NO
	ESCAMBIA	No	---	---	---	---	---
8: BEACHES	BEACHES	Unranked	---	---	---	---	---
9: BENNDALE SANDY LOAM, 0 TO 2 PERCENT SLOPES	BENNDALE	No	---	---	---	---	---
	Grady	Yes	depression	3,2B3	YES	NO	YES
	Smithton	Yes	drainageway	2B3	YES	NO	NO
10: BENNDALE SANDY LOAM, 2 TO 5 PERCENT SLOPES	BENNDALE	No	---	---	---	---	---
	Grady	Yes	depression	2B3,3	YES	NO	YES
	Smithton	Yes	drainageway	2B3	YES	NO	NO
11: BENNDALE SANDY LOAM, 5 TO 8 PERCENT SLOPES	BENNDALE	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO

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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
12: BENNDALE-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	BENNDALE	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
13: DOROVAN-BIBB ASSOCIATION, 0 TO 1 PERCENT SLOPES	DOROVAN	Yes	---	1,3	NO	NO	YES
	BIBB	Yes	---	2B3	YES	NO	NO
14: DOROVAN-LEVY ASSOCIATION, 0 TO 1 PERCENT SLOPES	DOROVAN	Yes	---	4,1,3	NO	YES	YES
	LEVY	Yes	---	4,3,2B3	YES	YES	YES
15: DUCKSTON SAND, 0 TO 2 PERCENT SLOPES	DUCKSTON	Yes	---	4,2B1	YES	YES	NO
16: ESCAMBIA SANDY LOAM, 0 TO 2 PERCENT SLOPES	ESCAMBIA	No	---	---	---	---	---
	Bayou	Yes	depression	2B3	YES	NO	NO
	Smithton	Yes	depression	2B3	YES	NO	NO
17: ESCAMBIA-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	ESCAMBIA	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	Bayou	Yes	depression	2B3	YES	NO	NO
	Smithton	Yes	depression	2B3	YES	NO	NO
18: FRIPP SAND, ROLLING	FRIPP	No	---	---	---	---	---
	Duckston	Yes	depression	2B1	YES	NO	NO
	Osier	Yes	depression	2B1	YES	NO	NO
19: GRADY LOAM, 0 TO 1 PERCENT SLOPES	GRADY	Yes	---	2B3,3	YES	NO	YES
20: HARLESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES	HARLESTON	No	---	---	---	---	---
	Smithton	Yes	depression	2B3	YES	NO	NO
21: HARLESTON-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	HARLESTON	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	Smithton	Yes	depression	2B3	YES	NO	NO
22: HEIDEL SANDY LOAM, 0 TO 2 PERCENT SLOPES	HEIDEL	No	---	---	---	---	---
	Grady	Yes	depression	3,2B3	YES	NO	YES
	Osier	Yes	depression	2B3	YES	NO	NO
23: HEIDEL SANDY LOAM, 2 TO 5 PERCENT SLOPES	HEIDEL	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
24: HEIDEL SANDY LOAM, 5 TO 8 PERCENT SLOPES	HEIDEL	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
25: IZAGORA-ANNEMAINE ASSOCIATION, MODERATELY UNDULATING	IZAGORA	No	---	---	---	---	---
	ANNEMAINE	No	---	---	---	---	---
	Bethera	Yes	depression	2B3	YES	NO	NO
	Johnston	Yes	drainageway	2B3,3,4	YES	YES	YES
26: IZAGORA-BETHERA ASSOCIATION, GENTLY UNDULATING	IZAGORA	No	---	---	---	---	---
	BETHERA	Yes	depression	2B3	YES	NO	NO
27: JOHNSTON-PAMLICO ASSOCIATION, 0 TO 1 PERCENT SLOPES	JOHNSTON	Yes	---	2B3,3,4	YES	YES	YES
	PAMLICO	Yes	---	3,1,4	NO	YES	YES
28: LAFITTE MUCK, 0 TO 1 PERCENT SLOPES	LAFITTE	Yes	---	1,4	NO	YES	NO
29: LUCEDALE SANDY LOAM, 0 TO 2 PERCENT SLOPES	LUCEDALE	No	---	---	---	---	---
	Grady	Yes	depression	2B3,3	YES	NO	YES
30: MALBIS SANDY LOAM, 0 TO 2 PERCENT SLOPES	MALBIS	No	---	---	---	---	---
	Grady	Yes	depression	2B3,3	YES	NO	YES
31: MALBIS SANDY LOAM, 2 TO 5 PERCENT SLOPES	MALBIS	No	---	---	---	---	---
	Grady	Yes	depression	2B3,3	YES	NO	YES
32: NOTCHER SANDY LOAM, 0 TO 2 PERCENT SLOPES	NOTCHER	No	---	---	---	---	---
	Grady	Yes	depression	3,2B3	YES	NO	YES
33: NOTCHER SANDY LOAM, 2 TO 5 PERCENT SLOPES	NOTCHER	No	---	---	---	---	---
	Grady	Yes	depression	3,2B3	YES	NO	YES
34: NOTCHER SANDY LOAM, 5 TO 8 PERCENT SLOPES	NOTCHER	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
35: OSIER LOAMY SAND, 0 TO 2 PERCENT SLOPES	OSIER	Yes	---	2B2	YES	NO	NO
36: PACTOLUS LOAMY SAND, 0 TO 2 PERCENT SLOPES	PACTOLUS	No	---	---	---	---	---
	Osier	Yes	depression	2B3	YES	NO	NO
	Smithton	Yes	depression	2B3	YES	NO	NO
37: PAMLICO-BIBB COMPLEX, 0 TO 1 PERCENT SLOPES	PAMLICO	Yes	---	4,3,1	NO	YES	YES
	BIBB	Yes	---	2B3	YES	NO	NO

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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
38: PITS	PITS	Unranked	---	---	---	---	---
39: POARCH SANDY LOAM, 0 TO 2 PERCENT SLOPES	POARCH	No	---	---	---	---	---
	Atmore	Yes	depression	2B3	YES	NO	NO
40: PSAMMENTS	PSAMMENTS	Unranked	---	---	---	---	---
	Axis	Yes	depression	4, 2B3	YES	YES	NO
	Duckston	Yes	depression	4, 2B1	YES	YES	NO
41: ROBERTSDALE LOAM, 0 TO 1 PERCENT SLOPES	ROBERTSDALE	No	---	---	---	---	---
	Grady	Yes	depression	3, 2B3	YES	NO	YES
42: SAUCIER SANDY LOAM, 0 TO 2 PERCENT SLOPES	SAUCIER	No	---	---	---	---	---
	Grady	Yes	depression	3, 2B3	YES	NO	YES
43: SHUBUTA SANDY LOAM, 2 TO 5 PERCENT SLOPES	SHUBUTA	No	---	---	---	---	---
	Smithton	Yes	drainageway	2B3	YES	NO	NO
	44: SHUBUTA-TROUP ASSOCIATION, ROLLING	SHUBUTA	No	---	---	---	---
TROUP		No	---	---	---	---	---
Bibb		Yes	drainageway	2B3	YES	NO	NO
Smithton		Yes	drainageway	2B3	YES	NO	NO
45: SMITHTON SANDY LOAM, 0 TO 1 PERCENT SLOPES	SMITHTON	Yes	---	2B3	YES	NO	NO
46: SMITHTON-URBAN LAND COMPLEX, 0 TO 1 PERCENT SLOPES	SMITHTON	Yes	depression	2B3	YES	NO	NO
	URBAN LAND	Unranked	---	---	---	---	---
47: SMITHTON-BENNDALE ASSOCIATION, UNDULATING	SMITHTON	Yes	depression	2B3	YES	NO	NO
	BENNDALE	No	---	---	---	---	---
48: SUFFOLK-SMITHTON ASSOCIATION, GENTLY UNDULATING	SUFFOLK	No	---	---	---	---	---
	SMITHTON	Yes	depression	2B3	YES	NO	NO
49: SUSQUEHANNA-HARLESTON ASSOCIATION, MODERATELY UNDULATING	SUSQUEHANNA	No	---	---	---	---	---
	HARLESTON	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Smithton	Yes	drainageway	2B3	YES	NO	NO
50: TROUP LOAMY SAND, 0 TO 5 PERCENT SLOPES	TROUP	No	---	---	---	---	---

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
51: TROUP LOAMY SAND, 5 TO 8 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
	Johnston	Yes	drainageway	4,3,2B3	YES	YES	YES
52: TROUP-HEIDEL COMPLEX, 8 TO 12 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	HEIDEL	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Johnston	Yes	drainageway	2B3,4,3	YES	YES	YES	
53: TROUP-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Johnston	Yes	drainageway	2B3,3,4	YES	YES	YES	
54: TROUP-URBAN LAND COMPLEX, 8 TO 12 PERCENT SLOPES	TROUP	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Johnston	Yes	drainageway	3,4,2B3	YES	YES	YES	
55: TROUP-BENNDALE ASSOCIATION, ROLLING	TROUP	No	---	---	---	---	---
	BENNDALE	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Johnston	Yes	drainageway	4,3,2B3	YES	YES	YES	
56: TROUP-HEIDEL ASSOCIATION, UNDULATING	TROUP	No	---	---	---	---	---
	HEIDEL	No	---	---	---	---	---
	Bibb	Yes	drainageway	2B3	YES	NO	NO
Johnston	Yes	drainageway	2B3,4,3	YES	YES	YES	
57: URBAN LAND	URBAN LAND	Unranked	---	---	---	---	---

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.

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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.