

Hydric Soil Interpretations  
Hydric Soils List

Monroe 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 |
| ArF:<br>ARUNDEL LOAM, 8 TO 35 PERCENT SLOPES                     | ARUNDEL    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| AtA:<br>ATMORE SILT LOAM, 0 TO 1 PERCENT SLOPES                  | ATMORE     | Yes    | ---            | 2B3                   | YES                       | NO                      | NO                     |
| BaB:<br>BAMA SANDY LOAM, 1 TO 5 PERCENT SLOPES                   | BAMA       | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore     | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Grady      | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| BaC:<br>BAMA SANDY LOAM, 5 TO 10 PERCENT SLOPES                  | BAMA       | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| BbC:<br>BAMA-URBAN LAND COMPLEX, 1 TO 10 PERCENT SLOPES          | BAMA       | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | URBAN LAND | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| BeB:<br>BEATRICE SILT LOAM, 1 TO 5 PERCENT SLOPES                | BEATRICE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
| BeC:<br>BEATRICE SILT LOAM, 5 TO 10 PERCENT SLOPES               | BEATRICE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| BnB:<br>BENNDALE SANDY LOAM, 1 TO 5 PERCENT SLOPES               | BENNDALE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| BrA:<br>BIBB LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED     | BIBB       | Yes    | ---            | 2B3                   | YES                       | NO                      | NO                     |
| BsB:<br>BIGBEE SAND, 0 TO 5 PERCENT SLOPES, OCCASIONALLY FLOODED | BIGBEE     | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
|  | Una        | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |

# Hydric Soil Interpretations

## 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 |
| CaA:<br>CAHABA SANDY LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED       | CAHABA     | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
|  | Una        | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| ChB:<br>CHRYSLER SILT LOAM, 0 TO 5 PERCENT SLOPES, OCCASIONALLY FLOODED      | CHRYSLER   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Una        | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| CnB:<br>CONGAREE LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED           | CONGAREE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Una        | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| EcA:<br>ESCAMBIA VERY FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES                 | ESCAMBIA   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore     | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| EsC:<br>ESTO SANDY LOAM, 3 TO 10 PERCENT SLOPES                              | ESTO       | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| GdA:<br>GRADY LOAM, 0 TO 2 PERCENT SLOPES                                    | GRADY      | Yes    | ---            | 2B3,3                 | YES                       | NO                      | YES                    |
| GrB:<br>GREENVILLE SANDY LOAM, 2 TO 5 PERCENT SLOPES                         | GREENVILLE | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Grady      | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| GrC:<br>GREENVILLE SANDY LOAM, 5 TO 8 PERCENT SLOPES                         | GREENVILLE | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| HaB:<br>HALSO SANDY LOAM, 1 TO 5 PERCENT SLOPES                              | HALSO      | No     | ---            | ---                   | ---                       | ---                     | ---                    |
| HaC:<br>HALSO SANDY LOAM, 5 TO 10 PERCENT SLOPES                             | HALSO      | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| ImA:<br>IUKA AND MANTACHIE SOILS, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED  | IUKA       | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | MANTACHIE  | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| IrB:<br>IZAGORA FINE SANDY LOAM, 0 TO 4 PERCENT SLOPES, OCCASIONALLY FLOODED | IZAGORA    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore     | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Una        | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |

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|--|-----------|--------|----------------|-----------------------|---------------------------|-------------------------|------------------------|
|  |           |        |                | Hydric criteria code  | Meets saturation criteria | Meets flooding criteria | Meets ponding criteria |
| LaA:<br>LENOIR LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED | LENOIR    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Una       | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| LcA:<br>LUCEDALE LOAM, 0 TO 1 PERCENT SLOPES                   | LUCEDALE  | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Grady     | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| LcB:<br>LUCEDALE FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES        | LUCEDALE  | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Grady     | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| LnB:<br>LUCY LOAMY SAND, 1 TO 5 PERCENT SLOPES                 | LUCY      | No     | ---            | ---                   | ---                       | ---                     | ---                    |
| LnC:<br>LUCY LOAMY SAND, 5 TO 8 PERCENT SLOPES                 | LUCY      | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb      | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| LtE:<br>LUCY-TROUP LOAMY SANDS, 8 TO 25 PERCENT SLOPES         | LUCY      | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | TROUP     | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb      | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| LvC:<br>LUVERNE SANDY LOAM, 5 TO 10 PERCENT SLOPES             | LUVERNE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb      | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| LvE:<br>LUVERNE SANDY LOAM, 10 TO 25 PERCENT SLOPES            | LUVERNE   | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb      | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| MaA:<br>MALBIS LOAM, 0 TO 1 PERCENT SLOPES                     | MALBIS    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore    | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Grady     | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| MaB:<br>MALBIS FINE SANDY LOAM, 1 TO 5 PERCENT SLOPES          | MALBIS    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore    | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Grady     | Yes    | depression     | 2B3,3                 | YES                       | NO                      | YES                    |
| MaC:<br>MALBIS FINE SANDY LOAM, 5 TO 8 PERCENT SLOPES          | MALBIS    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb      | Yes    | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| PoA:<br>POARCH VERY FINE SANDY LOAM, 0 TO 1 PERCENT SLOPES     | POARCH    | No     | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Atmore    | Yes    | depression     | 2B3                   | YES                       | NO                      | NO                     |
| PrD:<br>PRIM VERY COBBLY LOAM, 4 TO 15 PERCENT SLOPES          | PRIM      | No     | ---            | ---                   | ---                       | ---                     | ---                    |

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|--|------------|----------|----------------|-----------------------|---------------------------|-------------------------|------------------------|
|  |            |          |                | Hydric criteria code  | Meets saturation criteria | Meets flooding criteria | Meets ponding criteria |
| SfC:<br>SAFFELL VERY GRAVELLY SANDY LOAM, 5 TO 8 PERCENT SLOPES          | SAFFELL    | No       | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes      | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| SfD:<br>SAFFELL VERY GRAVELLY SANDY LOAM, 8 TO 15 PERCENT SLOPE          | SAFFELL    | No       | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes      | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| SgF:<br>SAFFELL-LUCY COMPLEX, 15 TO 35 PERCENT SLOPES                    | SAFFELL    | No       | ---            | ---                   | ---                       | ---                     | ---                    |
|  | LUCY       | No       | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes      | drainageway    | 2B3                   | YES                       | NO                      | NO                     |
| SmA:<br>SMITHTON SANDY LOAM, 0 TO 1 PERCENT SLOPES, OCCASIONALLY FLOODED | SMITHTON   | Yes      | ---            | 2B3                   | YES                       | NO                      | NO                     |
| StA:<br>STOUGH SANDY LOAM, 0 TO 1 PERCENT SLOPES                         | STOUGH     | No       | ---            | ---                   | ---                       | ---                     | ---                    |
|  | Bibb       | Yes      | depression     | 2B3                   | YES                       | NO                      | NO                     |
|  | Smithton   | Yes      | depression     | 2B3                   | YES                       | NO                      | NO                     |
| UdC:<br>UDORTHENTS, LOAMY, 0 TO 8 PERCENT SLOPES                         | UDORTHENTS | Unranked | ---            | ---                   | ---                       | ---                     | ---                    |
| UnA:<br>UNA SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES, PONDED               | UNA        | Yes      | ---            | 2B3,3                 | YES                       | NO                      | YES                    |
| UrA:<br>URBO SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES, FREQUENTLY FLOODED  | URBO       | Yes      | ---            | 4                     | NO                        | YES                     | 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.

# Hydric Soil Interpretations

## Hydric Soils List (cont.)

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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.