

Hydric Soils  
 Sullivan County, Indiana

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Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
AdB: Ade loamy fine sand, 2 to 6 percent slopes	Ade	100	Dunes	No	---
AdC: Ade loamy fine sand, 6 to 12 percent slopes	Ade	100	Dunes	No	---
AfB2: Alford silt loam, 2 to 6 percent slopes, eroded	Alford	100	Loess hills	No	---
AfB3: Alford silt loam, 2 to 6 percent slopes, severely eroded	Alford	100	Loess hills	No	---
AfC2: Alford silt loam, 6 to 12 percent slopes, eroded	Alford	100	Loess hills	No	---
AfC3: Alford silt loam, 6 to 12 percent slopes, severely eroded	Alford	100	Loess hills	No	---
AfD2: Alford silt loam, 12 to 18 percent slopes, eroded	Alford	100	Loess hills	No	---
AfD3: Alford silt loam, 12 to 18 percent slopes, severely eroded	Alford	100	Loess hills	No	---
AfE: Alford silt loam, 18 to 25 percent slopes	Alford	100	Loess hills	No	---
AfF: Alford silt loam, 25 to 50 percent slopes	Alford	100	Loess hills	No	---
Ak: Atkins silt loam	Atkins	100	Flood plains	Yes	2B3
AlA: Ava silt loam, 0 to 2 percent slopes	Ava	100	Till plains	No	---
AlB2: Ava silt loam, 2 to 6 percent slopes, eroded	Ava	100	Till plains	No	---
AlB3: Ava silt loam, 2 to 6 percent slopes, severely eroded	Ava	100	Till plains	No	---
AsA: Ayshire fine sandy loam, 0 to 2 percent slopes	Ayrshire	90	Interdunes	No	---
	Lyles	3	---	Yes	2B3, 3

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AsB: Ayshire fine sandy loam, 2 to 4 percent slopes	Ayrshire	90	Interdunes	No	---
	Lyles	3	---	Yes	2B3, 3
AyA: Ayshire loam, 0 to 2 percent slopes	Ayrshire	90	Interdunes	No	---
	Lyles	3	---	Yes	2B3, 3
BlB: Bloomfield loamy fine sand, 2 to 6 percent slopes	Bloomfield	100	Dunes	No	---
BlC: Bloomfield loamy fine sand, 6 to 12 percent slopes	Bloomfield	100	Dunes	No	---
BlD: Bloomfield loamy fine sand, 12 to 18 percent slopes	Bloomfield	100	Dunes	No	---
BlF: Bloomfield loamy fine sand, 18 to 40 percent slopes	Bloomfield	100	Dunes	No	---
Bp: Borrow pits	Borrow pits	100	---	No	---
Ca: Houghton muck, drained, 0 to 1 percent slopes	Houghton, drained	100	Depressions, terraces	Yes	1
CnB2: Cincinnati silt loam, 2 to 6 percent slopes, eroded	Cincinnati	100	Till plains	No	---
CnC2: Cincinnati silt loam, 6 to 12 percent slopes, eroded	Cincinnati	100	Till plains	No	---
CnC3: Cincinnati silt loam, 6 to 12 percent slopes, severely eroded	Cincinnati	100	Till plains	No	---
CnD2: Cincinnati silt loam, 12 to 18 percent slopes, eroded	Cincinnati	100	Till plains	No	---
CnD3: Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	Cincinnati	100	Till plains	No	---
Co: Cory silt loam	Cory	90	Loess hills	No	---
	poorly drained alfisol	3	---	Yes	2B3
Cu:					

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Du: Dumps	Udorthents, Rubbish	100	---	Unranked	---
Es: Eel silt loam	Eel	90	Flood plains	No	---
	Eel	3	---	Yes	4
EtA: Elston fine sandy loam, 0 to 2 percent slopes	Elston	100	Outwash plains	No	---
EtB: Elston fine sandy loam, 2 to 6 percent slopes	Elston	100	Outwash plains	No	---
EuA: Elston loam, 0 to 2 percent slopes	Elston	100	Outwash plains	No	---
EuB: Elston loam, 2 to 6 percent slopes	Elston	100	Outwash plains	No	---
FcE: Fairpoint parachannery clay loam, 18 to 35 percent slopes	Fairpoint	100	---	No	---
FsA: Fox sandy loam, 0 to 2 percent slopes	Fox	100	Stream terraces	No	---
FsB: Fox sandy loam, 2 to 6 percent slopes	Fox	100	Stream terraces	No	---
FxA: Fox loam, 0 to 2 percent slopes	Fox	100	Stream terraces	No	---
Gn: Genesee fine sandy loam, sandy variant	Genesee variant	90	Flood plains	No	---
	Genesee variant	3	---	Yes	4
Gs: Genesee silt loam	Genesee	90	Flood plains	No	---
	Genesee	3	---	Yes	4
Gu: Gullied land	Gullied land	100	Hills	No	---
HeA: Henshaw silt loam, 0 to 2 percent slopes	Henshaw	90	Stream terraces	No	---
	Patton	3	---	Yes	2B3, 3
	poorly drained aqualf	---	---	Yes	2B3

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HeB2: Henshaw silt loam, 2 to 4 percent slopes, eroded	Henshaw	100	Stream terraces	No	---
HkE: Hickory silt loam, 18 to 25 percent slopes	Hickory	100	Till plains	No	---
HkF: Hickory silt loam, 25 to 35 percent slopes	Hickory	100	Till plains	No	---
HkF3: Hickory silt loam, 18 to 35 percent slopes, severely eroded	Hickory	100	Till plains	No	---
HkG: Hickory silt loam, 35 to 50 percent slopes	Hickory	100	Till plains	No	---
IoA: Iona silt loam, 0 to 2 percent slopes	Iona	100	Loess hills	No	---
IoB2: Iona silt loam, 2 to 6 percent slopes, eroded	Iona	100	Loess hills	No	---
IoB3: Iona silt loam, 2 to 6 percent slopes, severely eroded	Iona	100	Loess hills	No	---
IvA: Iva silt loam, 0 to 2 percent slopes	Iva	90	Loess hills	No	---
	Ragsdale	3	---	Yes	3, 2B3
	poorly drained aqualf	---	---	Yes	2B3
IvB2: Iva silt loam, 2 to 4 percent slopes, eroded	Iva	90	Loess hills	No	---
	Ragsdale	3	---	Yes	2B3, 3
Kg: Kings silty clay	Kings	100	Flats, lake terraces	Yes	2B3, 3
Ly: Lyles loam	Lyles	100	Depressions, terraces	Yes	3, 2B3
MaB2: Markland silt loam, 2 to 6 percent slopes, eroded	Markland	100	Lake plains	No	---
MaD2: Markland silt loam, 12 to 18 percent slopes, eroded	Markland	100	Lake plains	No	---

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MaE2: Markland silt loam, 18 to 25 percent slopes, eroded	Markland	100	Lake plains	No	---
McD3: Markland silty clay loam, 6 to 18 percent slopes, severely eroded	Markland	100	Lake plains	No	---
Mg: McGary silt loam	McGary	90	Lake plains	No	---
	Montgomery	3	---	Yes	3, 2B3
	Zipp	3	---	Yes	2B3, 3
	poorly drained aqualf	---	---	Yes	2B3
Mn: Mine dumps	Dumps, mine	90	---	No	---
	Water	3	---	No	---
MuB2: Muren silt loam, 2 to 6 percent slopes, eroded	Muren	100	Loess hills	No	---
PaC3: Parke silt loam, 6 to 12 percent slopes, severely eroded	Parke	100	Outwash plains	No	---
PaD3: Parke silt loam, 12 to 18 percent slopes, severely eroded	Parke	100	Outwash plains	No	---
Pc: Patton silty clay loam	Patton	100	Depressions, lake plains	Yes	3, 2B3
Pg: Pits, gravel	Pits, gravel	100	---	Unranked	---
Po: Petrolia silty clay loam	Petrolia	100	Flood plains	Yes	4, 3, 2B3
PrA: Princeton fine sandy loam, 0 to 2 percent slopes	Princeton	100	Dunes	No	---
PrB2: Princeton fine sandy loam, 2 to 6 percent slopes, eroded	Princeton	90	Dunes	No	---
	Lyles	3	---	Yes	2B3
PrC2: Princeton fine sandy loam, 6 to 12 percent slopes, eroded	Princeton	90	Dunes	No	---
	Lyles	3	---	Yes	2B3

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PrD2: Princeton fine sandy loam, 12 to 18 percent slopes, eroded	Princeton	90	Dunes	No	---
	Lyles	3	---	Yes	2B3
PrE2: Princeton fine sandy loam, 18 to 25 percent slopes, eroded	Princeton	90	Dunes	No	---
	Lyles	3	---	Yes	2B3
PrG: Princeton fine sandy loam, 25 to 50 percent slopes	Princeton	90	Dunes	No	---
	Lyles	3	---	Yes	2B3
Ra: Ragsdale silt loam	Ragsdale	100	Terraces	Yes	2B3, 3
ReA: Reesville silt loam, 0 to 2 percent slopes	Reesville Variant	90	Loess hills	No	---
	Ragsdale	3	---	Yes	2B3, 3
	poorly drained aqualf	---	---	Yes	2B3
ReB2: Reesville silt loam, 2 to 4 percent slopes, eroded	Reesville Variant	90	Loess hills	No	---
	Ragsdale	3	---	Yes	3, 2B3
Rm: Rensselaer loam	Rensselaer	100	Terraces	Yes	2B3, 3
Rr: Riverwash	Riverwash	100	---	No	---
Rs: Rock land	Rock land	100	---	No	---
Rt: Ross silt loam	Ross	90	Flood plains	No	---
	Ross	3	---	Yes	4
Sh: Shadeland loam	Shadeland	90	Terraces	No	---
	poorly drained aquolls	3	---	Yes	2B3, 3
Sn: Stendal silt loam	Stendal	90	Flood plains	No	---
	Atkins	3	---	Yes	4
St: Strip mines	Strip mines	90	---	No	---

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	Water	3	---	No	---
Ud: Udorthents, loamy	Udorthents	100	Flood plains	Unranked	---
VgA: Vigo silt loam, 0 to 2 percent slopes	Vigo	90	Till plains	No	---
	poorly drained aqualfs	3	---	Yes	2B3
VgB2: Vigo silt loam, 2 to 4 percent slopes, eroded	Vigo	90	Till plains	No	---
	poorly drained aqualfs	3	---	Yes	2B3
W: Water	Water	100	---	No	---
Wa: Wakeland silt loam	Wakeland	90	Flood plains	No	---
	Birds	3	---	Yes	2B3, 3
WrA: Warsaw sandy loam, 0 to 2 percent slopes	Warsaw	100	Stream terraces	No	---
WrB: Warsaw sandy loam, 2 to 6 percent slopes	Warsaw	100	Stream terraces	No	---
WrC2: Warsaw sandy loam, 6 to 12 percent slopes, eroded	Warsaw	100	Stream terraces	No	---
WsA: Warsaw loam, 0 to 2 percent slopes	Warsaw	100	Stream terraces	No	---
Wt: Westland silty clay loam	Westland	100	Terraces	Yes	2B3, 3
Wv: Westland silty clay loam, shallow variant	Westland variant	100	Terraces	Yes	3, 2B3
Ww: Wilbur silt loam	Wilbur	100	Flood plains	No	---
Zc: Zipp silty clay	Zipp	100	Lake plains	Yes	2B3, 3

Hydric Soils--Continued

Explanation of hydric criteria codes:

1. All Histels except for Folistels, and Histosols except for Folists.
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.