

HYDRIC SOILS LIST

Shelby County, Iowa

Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
AdD2: ADAIR CLAY LOAM, 5 TO 11 PERCENT SLOPES, MODERATELY ERODED	Adair	100	No	---	---	---	---	---
AdF2: ADAIR CLAY LOAM, 11 TO 18 PERCENT SLOPES, MODERATELY ERODED	Adair	100	No	---	---	---	---	---
AdH2: ADAIR CLAY LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	Adair	100	No	---	---	---	---	---
AsD3: ADAIR SOILS, 5 TO 11 PERCENT SLOPES, SEVERELY ERODED	Adair	100	No	---	---	---	---	---
AsF3: ADAIR SOILS, 11 TO 18 PERCENT SLOPES, SEVERELY ERODED	Adair	100	No	---	---	---	---	---
CdD2: CLARINDA SILTY CLAY LOAM, 5 TO 11 PERCENT SLOPES, MODERATELY ERODED	Clarinda	100	Yes	hill	2B3	Yes	No	No
CdF2: CLARINDA SILTY CLAY LOAM, 11 TO 18 PERCENT SLOPES, MODERATELY ERODED	Clarinda	100	Yes	hill	2B3	Yes	No	No
Cm: COLO SILTY CLAY LOAM	Colo	100	Yes	flood plain	2B3	Yes	No	No
CnD3: CLARINDA SOILS, 5 TO 11 PERCENT SLOPES, SEVERELY ERODED	Clarinda	100	Yes	hill	2B3	Yes	No	No
CnF3: CLARINDA SOILS, 11 TO 18 PERCENT SLOPES, SEVERELY ERODED	Clarinda	100	Yes	hill	2B3	Yes	No	No
Co: COLO SILTY CLAY LOAM, OVERWASHED	Colo	100	Yes	flood plain	2B3	Yes	No	No
Cr: COLO SILTY CLAY LOAM, SILTY CLAY SUBSTRATUM	Colo	100	Yes	flood plain	2B3	Yes	No	No
Cs: CORLEY SILT LOAM	Corley	100	Yes	depression	2B3	Yes	No	No

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Ct: CORLEY SILT LOAM, BENCH POSITION	Corley	100	Yes	depression	2B3	Yes	No	No
DoE3: DOW SILT LOAM, 8 TO 14 PERCENT SLOPES, SEVERELY ERODED	Dow	100	No	---	---	---	---	---
DoF3: DOW SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Dow	100	No	---	---	---	---	---
IdC3: IDA SILT LOAM, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdD3: IDA SILT LOAM, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdE3: IDA SILT LOAM, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdF3: IDA SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdG3: IDA SILT LOAM, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdH3: IDA SILT LOAM, 23 TO 28 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
IdI3: IDA SILT LOAM, 28 TO 40 PERCENT SLOPES, SEVERELY ERODED	Ida	100	No	---	---	---	---	---
JdA: JUDSON SILT LOAM, 0 TO 2 PERCENT SLOPES	Judson	100	No	---	---	---	---	---
JdB: JUDSON SILT LOAM, 2 TO 5 PERCENT SLOPES	Judson	100	No	---	---	---	---	---
JdC: JUDSON SILT LOAM, 5 TO 8 PERCENT SLOPES	Judson	100	No	---	---	---	---	---

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JnB: JUDSON-NODAWAY-COLO COMPLEX, 2 TO 5 PERCENT SLOPES	Judson	30	No	---	---	---	---	---
	Nodaway	30	No	---	---	---	---	---
	Colo	20	Yes	flood plain	2B3	Yes	No	No
	OTHER	20	No	---	---	---	---	---
JnC: JUDSON-NODAWAY-COLO COMPLEX, 5 TO 8 PERCENT SLOPES	Judson	65	No	---	---	---	---	---
	Nodaway	20	No	---	---	---	---	---
	Colo	15	Yes	flood plain	2B3	Yes	No	No
JzB: JUDSON-NODAWAY-ZOOK COMPLEX, 2 TO 5 PERCENT SLOPES	Judson	30	No	---	---	---	---	---
	Nodaway	30	No	---	---	---	---	---
	OTHER	20	No	---	---	---	---	---
	Zook	20	Yes	flood plain	2B3	Yes	No	No
JzC: JUDSON-NODAWAY-ZOOK COMPLEX, 5 TO 8 PERCENT SLOPES	Judson	60	No	---	---	---	---	---
	Nodaway	20	No	---	---	---	---	---
	Zook	20	Yes	flood plain	2B3	Yes	No	No
Kb: KENNEBEC SILT LOAM	Kennebec	98	No	---	---	---	---	---
	Other	2	Yes	flood plain	2B3	Yes	No	No
Kc: KENNEBEC SILT LOAM, CHANNELED	Kennebec	96	No	---	---	---	---	---
	Other	2	Yes	flood plain	4	No	Yes	No
	Other	2	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
MaA: MARSHALL SILT LOAM, 0 TO 2 PERCENT SLOPES	Marshall	100	No	---	---	---	---	---
MaB: MARSHALL SILT LOAM, 2 TO 5 PERCENT SLOPES	Marshall	100	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
MaC2: MARSHALL SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MaD2: MARSHALL SILT LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MaE2: MARSHALL SILT LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MaF2: MARSHALL SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MaH2: MARSHALL SILT LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MbA: MARSHALL SILT LOAM, BENCH POSITION, 0 TO 2 PERCENT SLOPES	Marshall	100	No	---	---	---	---	---
MbB: MARSHALL SILT LOAM, BENCH POSITION, 2 TO 5 PERCENT SLOPES	Marshall	100	No	---	---	---	---	---
MbC2: MARSHALL SILT LOAM, BENCH POSITION, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
MbD2: MARSHALL SILT LOAM, BENCH POSITION, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Marshall	100	No	---	---	---	---	---
McC3: MARSHALL SOILS, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
McD3: MARSHALL SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
McE3: MARSHALL SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
McF3: MARSHALL SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
McG3: MARSHALL SOILS, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
McI3: MARSHALL SOILS, 23 TO 32 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
MdD3: MARSHALL SOILS, BENCH POSITION, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
MdE3: MARSHALL SOILS, BENCH POSITION, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Marshall	100	No	---	---	---	---	---
Me: MINDEN SILT LOAM	Minden	98	No	---	---	---	---	---
	Other	2	Yes	depression	2B3	Yes	No	No
Mn: MINDEN SILT LOAM, BENCH POSITION	Minden	98	No	---	---	---	---	---
	Other	2	Yes	depression	2B3	Yes	No	No
MoB2: MONONA SILT LOAM, 2 TO 5 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoC2: MONONA SILT LOAM, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoC3: MONONA SILT LOAM, 5 TO 8 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
MoD2: MONONA SILT LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoD3: MONONA SILT LOAM, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---

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					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
MoE2: MONONA SILT LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoE3: MONONA SILT LOAM, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
MoF2: MONONA SILT LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoF3: MONONA SILT LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
MoG2: MONONA SILT LOAM, 18 TO 23 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MoG3: MONONA SILT LOAM, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
MoI3: MONONA SILT LOAM, 23 TO 32 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
MtB: MONONA SILT LOAM, BENCH POSITION, 2 TO 5 PERCENT SLOPES	Monona	100	No	---	---	---	---	---
MtC2: MONONA SILT LOAM, BENCH POSITION, 5 TO 8 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MtD2: MONONA SILT LOAM, BENCH POSITION, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Monona	100	No	---	---	---	---	---
MtE3: MONONA SILT LOAM, BENCH POSITION, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Monona	100	No	---	---	---	---	---
No: NODAWAY SILT LOAM	Nodaway	98	No	---	---	---	---	---
	Other	2	Yes	flood plain	2B3	Yes	No	No

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Ns: NODAWAY SILT LOAM, SHALLOW TO SILTY CLAY	Nodaway	98	No	---	---	---	---	---
	Other	2	Yes	flood plain	2B3	Yes	No	No
ShD2: SHELBY LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Shelby	100	No	---	---	---	---	---
ShE2: SHELBY LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	Shelby	100	No	---	---	---	---	---
ShF2: SHELBY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Shelby	100	No	---	---	---	---	---
ShG2: SHELBY LOAM, 18 TO 23 PERCENT SLOPES, MODERATELY ERODED	Shelby	100	No	---	---	---	---	---
ShH2: SHELBY LOAM, 23 TO 32 PERCENT SLOPES, MODERATELY ERODED	Shelby	100	No	---	---	---	---	---
SoD3: SHELBY SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Shelby	100	No	---	---	---	---	---
SoE3: SHELBY SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Shelby	100	No	---	---	---	---	---
SoF3: SHELBY SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Shelby	100	No	---	---	---	---	---
SoG3: SHELBY SOILS, 18 TO 23 PERCENT SLOPES, SEVERELY ERODED	Shelby	100	No	---	---	---	---	---
SrD2: STEINAUER LOAM, 8 TO 11 PERCENT SLOPES, MODERATELY ERODED	Steinauer	100	No	---	---	---	---	---
SrE2: STEINAUER LOAM, 11 TO 14 PERCENT SLOPES, MODERATELY ERODED	Steinauer	100	No	---	---	---	---	---

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Map symbol and map unit name	Component	Percent of map unit	Hydric	Local landform	Hydric soils criteria			
					Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
SrF2: STEINAUER LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	Steinauer	100	No	---	---	---	---	---
SrG2: STEINAUER LOAM, 18 TO 28 PERCENT SLOPES, MODERATELY ERODED	Steinauer	100	No	---	---	---	---	---
SsD3: STEINAUER SOILS, 8 TO 11 PERCENT SLOPES, SEVERELY ERODED	Steinauer	100	No	---	---	---	---	---
SsE3: STEINAUER SOILS, 11 TO 14 PERCENT SLOPES, SEVERELY ERODED	Steinauer	100	No	---	---	---	---	---
SsF3: STEINAUER SOILS, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	Steinauer	100	No	---	---	---	---	---
Zc: ZOOK SILTY CLAY	Zook	100	Yes	flood plain	2B3	Yes	No	No
Zo: ZOOK SILTY CLAY, OVERWASH	Zook	96	Yes	flood plain	2B3	Yes	No	No
	Other	2	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
	Other	2	Yes	flood plain	4	No	Yes	No
Zs: ZOOK SILTY CLAY LOAM	Zook	100	Yes	flood plain	2B3	Yes	No	No
Zy: ZOOK SILTY CLAY LOAM, OVERWASH	Zook	96	Yes	flood plain	2B3	Yes	No	No
	Other	2	Yes	oxbow	2B3,3,4	Yes	Yes	Yes
	Other	2	Yes	flood plain	4	No	Yes	No