

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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
Aba: ABSHER-LOBURN FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	ABSHER	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BELFIELD	No	---	---	---	---	---
AbB: ABSHER-LOBURN FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	ABSHER	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BELFIELD	No	---	---	---	---	---
AeB: ABSHER-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	ABSHER	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BELFIELD	No	---	---	---	---	---
AFB: ALICE FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	ALICE	No	---	---	---	---	---
	DIX	No	---	---	---	---	---
	MAWER	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
AfC: ALICE FINE SANDY LOAM, 6 TO 9 PERCENT SLOPES	ALICE	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
	MAWER	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
AlA: ALTVAN LOAM, 0 TO 2 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	MAWER	No	---	---	---	---	---
	SATANTA	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
AlB: ALTVAN LOAM, 2 TO 6 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	DIX	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
AnA: ARCHIN-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	ARCHIN	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	CHINOOK	No	---	---	---	---	---
ArA: ARVADA SILT LOAM, 0 TO 3 PERCENT SLOPES	SORUM	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	STETTER	No	---	---	---	---	---
AsA: ARVADA-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	ARVADA	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	STETTER	No	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
AtA: ASSINNIBOINE FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	ASSINNIBOINE	No	---	---	---	---	---
	CHINOOK	No	---	---	---	---	---
	SORUM	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
BaA: BACA SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	BACA	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
BaB: BACA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	BACA	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
Bd: BADLAND	BADLAND	Unranked	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	CABBART	No	---	---	---	---	---
	RALPH	No	---	---	---	---	---
	SORUM	No	---	---	---	---	---
	TWILIGHT	No	---	---	---	---	---
	BADLAND	Unranked	---	---	---	---	---
Be: BARNUM SILT LOAM	BARNUM	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	NEVEE	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
	BARNUM	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
Bh: BARNUM SILT LOAM, CHANNELED	BARNUM	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	NEVEE	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
BlA: BELFIELD-LOBURN SILT LOAMS, 0 TO 3 PERCENT SLOPES	BELFIELD	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
BlB: BELFIELD-LOBURN SILT LOAMS, 3 TO 6 PERCENT SLOPES	BELFIELD	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
BmA: BIDMAN LOAM, 0 TO 3 PERCENT SLOPES	BIDMAN	No	---	---	---	---	---
	REDIG	No	---	---	---	---	---
BmB: BIDMAN LOAM, 3 TO 6 PERCENT SLOPES	BIDMAN	No	---	---	---	---	---
	REDIG	No	---	---	---	---	---
BrB: BIDMAN-REDIG COMPLEX, 2 TO 9 PERCENT SLOPES	BIDMAN	No	---	---	---	---	---
	REDIG	No	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
BsB: BONEEK SILT LOAM, 2 TO 6 PERCENT SLOPES	BONEEK	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
BsC: BONEEK SILT LOAM, 6 TO 9 PERCENT SLOPES	BONEEK	No	---	---	---	---	---
	BLACKPIPE	No	---	---	---	---	---
BtB: BROADHURST CLAY, 0 TO 6 PERCENT SLOPES	BROADHURST	No	---	---	---	---	---
	GRANER	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	SAGE	Yes	flood plain	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
BuD: BUTCHE-BONEEK COMPLEX, 6 TO 25 PERCENT SLOPES	BUTCHE	No	---	---	---	---	---
	BONEEK	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	ROCK OUTCROP, SANDY	Unranked	---	---	---	---	---
BvF: BUTCHE-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	BUTCHE	No	---	---	---	---	---
	ROCK OUTCROP, SANDY	Unranked	---	---	---	---	---
	LAKOA	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
CaF: CABBART LOAM, 25 TO 40 PERCENT SLOPES	CABBART	No	---	---	---	---	---
	BLACKHALL ROCK OUTCROP, SANDSTONE	Unranked	---	---	---	---	---
CbD: CABBART-LISMAS COMPLEX, 6 TO 18 PERCENT SLOPES	CABBART	No	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
CcF: CABBART-ROCK OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	CABBART	No	---	---	---	---	---
	ROCK OUTCROP, SANDSTONE	Unranked	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	SCROGGIN	No	---	---	---	---	---
CgD: CABBART-SCROGGIN LOAMS, 6 TO 25 PERCENT SLOPES	CABBART	No	---	---	---	---	---
	SCROGGIN	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	RALPH	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
ClF: CANYON-COLBY SILT LOAMS, 25 TO 50 PERCENT SLOPES	CANYON	No	---	---	---	---	---
	COLBY	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	LAKOA	No	---	---	---	---	---
CmA: NUNN LOAM, 0 TO 2 PERCENT SLOPES	ROCK OUTCROP, SANDSTONE	Unranked	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	SATANTA HOVEN MCKENZIE	No Yes Yes	--- pothole pothole	--- 3,2B3 3,2B3	--- YES YES	--- NO NO	--- YES YES
CmB: NUNN LOAM, 2 TO 6 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	SATANTA	No	---	---	---	---	---
CmC: NUNN LOAM, 6 TO 9 PERCENT SLOPES	NUNN	No	---	---	---	---	---
	REDIG SATANTA	No No	--- ---	--- ---	--- ---	--- ---	--- ---
CnA: CHINOOK FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	CHINOOK	No	---	---	---	---	---
	ASSINNIBOINE SORUM	No No	--- ---	--- ---	--- ---	--- ---	--- ---
CoD: COLBY-CANYON SILT LOAMS, 6 TO 25 PERCENT SLOPES	COLBY	No	---	---	---	---	---
	CANYON KEITH	No No	--- ---	--- ---	--- ---	--- ---	--- ---
DsA: DIX SANDY LOAM, 0 TO 3 PERCENT SLOPES	DIX	No	---	---	---	---	---
	ALTVAN MAWER	No No	--- ---	--- ---	--- ---	--- ---	--- ---
EpD: EPSIE CLAY, 3 TO 25 PERCENT SLOPES	EPSIE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	Unranked	---	---	---	---	---
EsE: EPSIE-SHALE LAND COMPLEX, 9 TO 45 PERCENT SLOPES	EPSIE	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	Unranked	---	---	---	---	---

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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	
GgA: GLENBERG FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	GLENBERG	No	---	---	---	---	---	
	HAVERSON MAWER	No	---	---	---	---	---	
	LOHMILLER	No	---	---	---	---	---	
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO	
GgB: GLENBERG FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	GLENBERG	No	---	---	---	---	---	
	HAVERSON MAWER	No	---	---	---	---	---	
	LOHMILLER	No	---	---	---	---	---	
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO	
Gh: GLENBERG AND HAVERSON SOILS	GLENBERG	No	---	---	---	---	---	
	HAVERSON	No	---	---	---	---	---	
	LOHMILLER HERDCAMP	No Yes	---	flood plain	2B3,4	YES	YES	NO
GnC: GRANER CLAY, 3 TO 25 PERCENT SLOPES	GRANER	No	---	---	---	---	---	
	GRUMMIT	No	---	---	---	---	---	
GrE: GRUMMIT CLAY, 3 TO 25 PERCENT SLOPES	GRUMMIT	No	---	---	---	---	---	
	GRANER	No	---	---	---	---	---	
Ha: HANLY LOAMY FINE SAND,	HANLY	No	---	---	---	---	---	
	HAVERSON SAGE	No Yes	---	flood plain	2B3	YES	NO	NO
	ZEONA	No	---	---	---	---	---	
HeA: HAVERSON LOAM, 0 TO 2 PERCENT SLOPES	HAVERSON	No	---	---	---	---	---	
	LOHMILLER	No	---	---	---	---	---	
	GLENBERG	No	---	---	---	---	---	
	DIX	No	---	---	---	---	---	
	MAWER	No	---	---	---	---	---	
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO	
HeB: HAVERSON LOAM, 2 TO 6 PERCENT SLOPES	HAVERSON	No	---	---	---	---	---	
	LOHMILLER	No	---	---	---	---	---	
	GLENBERG	No	---	---	---	---	---	
	DIX	No	---	---	---	---	---	
	MAWER HERDCAMP	No Yes	---	flood plain	2B3,4	YES	YES	NO
H1B: HISLE LOAM, 0 TO 9 PERCENT SLOPES	HISLE	No	---	---	---	---	---	
	KYLE	No	---	---	---	---	---	
	PIERRE	No	---	---	---	---	---	
	SWANBOY	No	---	---	---	---	---	
	WASA	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
HsB: HISLE-SLICKSPOTS COMPLEX, 0 TO 9 PERCENT SLOPES	HISLE	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	WASA	No	---	---	---	---	---
KeA: KEITH SILT LOAM, 0 TO 2 PERCENT SLOPES	KEITH	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
KeB: KEITH SILT LOAM, 2 TO 6 PERCENT SLOPES	MCKENZIE	Yes	pothole	2B3,3	YES	NO	YES
	KEITH	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	COLBY	No	---	---	---	---	---
KeC: KEITH SILT LOAM, 6 TO 9 PERCENT SLOPES	MANTER	No	---	---	---	---	---
	HOVEN	Yes	pothole	2B3,3	YES	NO	YES
	KEITH	No	---	---	---	---	---
	COLBY	No	---	---	---	---	---
K1A: KYLE CLAY, 0 TO 2 PERCENT SLOPES	ALTVAN	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
K1B: KYLE CLAY, 2 TO 6 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
K1C: KYLE CLAY, 6 TO 9 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
Kt: KYLE CLAY, TERRACE	PIERRE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	STETTER	No	---	---	---	---	---
KuB: KYLE-PIERRE CLAYS, 0 TO 6 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	STETTER	No	---	---	---	---	---

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
LaF: LAKOA-COLBY ASSOCIATION, 9 TO 50 PERCENT SLOPES	LAKOA	No	---	---	---	---	---
	COLBY	No	---	---	---	---	---
	BUTCHE	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	ROCK OUTCROP, SANDY	Unranked	---	---	---	---	---
LcE: LISMAS CLAY, 3 TO 25 PERCENT SLOPES	LISMAS	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SAGE	Yes	flood plain	2B3	YES	NO	NO
	STETTER	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	WASA	No	---	---	---	---	---
LeD: LISMAS-PIERRE CLAYS, 3 TO 18 PERCENT SLOPES	LISMAS	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	ROCK	Unranked	---	---	---	---	---
	OUTCROP, SOFT	Unranked	---	---	---	---	---
	SOFT	Unranked	---	---	---	---	---
Lm: HAVERSON LOAM, CHANNELED, 0 TO 3 PERCENT SLOPES	HAVERSON	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
LnA: LOHMILLER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
	LOHMILLER	No	---	---	---	---	---
	GLENBERG	No	---	---	---	---	---
LnB: LOHMILLER SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	HAVERSON	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
	LOHMILLER	No	---	---	---	---	---
Lo: SAGE SILTY CLAY LOAM, 0 TO 6 PERCENT SLOPES	GLENBERG	No	---	---	---	---	---
	HAVERSON	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
Lo: SAGE SILTY CLAY LOAM, 0 TO 6 PERCENT SLOPES	SAGE	Yes	flood plain	2B3	YES	NO	NO
	LOHMILLER	No	---	---	---	---	---
	HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
Ls: LOHMILLER SILTY CLAY LOAM, ACID VARIANT	LOHMILLER VARIANT	No	---	---	---	---	---
	SAGE	Yes	flood plain	2B3	YES	NO	NO
MaA: MANTER FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	MANTER	No	---	---	---	---	---
	ALICE	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
MaB: MANTER FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	MAWER	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
McA: MANVEL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ALICE	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
McB: MANVEL SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MAWER	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
Mh: AQUOLLS	MINNEQUA	No	---	---	---	---	---
	ENNING	No	---	---	---	---	---
MIA: MAWER FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	MANVEL	No	---	---	---	---	---
MlB: MAWER FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	MAWER	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
Mn: MCKENZIE CLAY	DIX	No	---	---	---	---	---
	ALICE	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
MoE: MIDWAY SILTY CLAY LOAM, 6 TO 25 PERCENT SLOPES	MCKENZIE	Yes	pothole	3,2B3	YES	NO	YES
	KYLE	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	TWOTOP	No	---	---	---	---	---
Mn: MCKENZIE CLAY	MIDWAY	No	---	---	---	---	---
	RAZOR ROCK	No	---	---	---	---	---
	OUTCROP, SANDY	Unranked	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
MrD: MIDWAY-RAZOR SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES	MIDWAY	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LOHMILLER	No	---	---	---	---	---
Ms: MINATARE-WHITELAKE FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	SAGE	Yes	flood plain	2B3	YES	NO	NO
	MINATARE	No	---	---	---	---	---
	WHITELAKE	No	---	---	---	---	---
Mt: MINE PITS AND DUMPS	HOVEN	Yes	pothole	3,2B3	YES	NO	YES
	MAWER	No	---	---	---	---	---
	ORTHENTS, TAILINGS	Unranked	---	---	---	---	---
MuB: MINNEQUA SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MINNEQUA	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
MuC: MINNEQUA SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	ENNING	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
NeB: NEVEE SILT LOAM, 2 TO 6 PERCENT SLOPES	ENNING	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
NsD: NEVEE-SPEARFISH SILT LOAMS, 6 TO 25 PERCENT SLOPES	NEVEE	No	---	---	---	---	---
	TILFORD	No	---	---	---	---	---
	NEVEE	No	---	---	---	---	---
Oba: LOBURN LOAM, 0 TO 3 PERCENT SLOPES	SPEARFISH	No	---	---	---	---	---
	ROCK	Unranked	---	---	---	---	---
	OUTCROP, SOFT	---	---	---	---	---	---
	TILFORD	No	---	---	---	---	---
PaA: PARSHALL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	LOBURN	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
PaA: PARSHALL FINE SANDY LOAM, 0 TO 3 PERCENT SLOPES	BELFIELD	No	---	---	---	---	---
	PARSHALL	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	SORUM	No	---	---	---	---	
	TWILIGHT	No	---	---	---	---	

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
PeE: ENNING SILTY CLAY LOAM, 6 TO 25 PERCENT SLOPES	ENNING	No	---	---	---	---	---
	MANVEL	No	---	---	---	---	---
	MINNEQUA ROCK OUTCROP, SOFT	No Unranked	---	---	---	---	---
PmD: ENNING-MINNEQUA SILTY CLAY LOAMS, 3 TO 15 PERCENT SLOPES	ENNING	No	---	---	---	---	---
	MINNEQUA	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	MANVEL LOHMILLER	No No	---	---	---	---	---
PrA: PIERRE CLAY, 0 TO 2 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
PrB: PIERRE CLAY, 2 TO 6 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	KYLE STETTER	No No	---	---	---	---	---
PrD: PIERRE CLAY, 6 TO 21 PERCENT SLOPES	PIERRE	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LISMAS STETTER	No No	---	---	---	---	---
RaB: RALPH LOAM, 3 TO 6 PERCENT SLOPES	RALPH	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BELFIELD SCROGGIN	No No	---	---	---	---	---
RcA: RAZOR SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
RcB: RAZOR SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	BACA	No	---	---	---	---	---
RcC: RAZOR SILTY CLAY LOAM, 6 TO 9 PERCENT SLOPES	RAZOR	No	---	---	---	---	---
	MIDWAY BACA	No No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
RdE: REDIG CLAY LOAM, 9 TO 25 PERCENT SLOPES	REDIG	No	---	---	---	---	---
	BIDMAN	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	SCHAMBER	No	---	---	---	---	---
Rh: RIVERWASH	RIVERWASH	Yes	---	---	---	---	---
RsF: ROCK OUTCROP-SPEARFISH COMPLEX, 25 TO 50 PERCENT SLOPES	ROCK OUTCROP, SANDSTONE	Unranked	---	---	---	---	---
	SPEARFISH	No	---	---	---	---	---
	NEVEE	No	---	---	---	---	---
	TILFORD	No	---	---	---	---	---
Sa: SAGE-SLICKSPOTS COMPLEX, 0 TO 15 PERCENT SLOPES	SAGE	Yes	flood plain	2B3	YES	NO	NO
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	BROADHURST	No	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	WASA	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	EGAS	Yes	flood plain	2B3	YES	NO	NO
Sb: SAGE SILTY CLAY LOAM, 0 TO 3 PERCENT SLOPES	SAGE	Yes	flood plain	2B3	YES	NO	NO
	EGAS	Yes	flood plain	2B3	YES	NO	NO
	LOHMILLER	No	---	---	---	---	---
ScA: SATANTA LOAM, 0 TO 2 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	ALICE	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
	MCKENZIE	Yes	pothole	2B3, 3	YES	NO	YES
ScB: SATANTA LOAM, 2 TO 6 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	ALICE	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
ScC: SATANTA LOAM, 6 TO 9 PERCENT SLOPES	SATANTA	No	---	---	---	---	---
	ALICE	No	---	---	---	---	---
	NUNN	No	---	---	---	---	---
	MANTER	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
SdA: SAVO SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	SAVO	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
SdB: SAVO SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES	MCKENZIE	Yes	pothole	3,2B3	YES	NO	YES
	SAVO	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	KEITH	No	---	---	---	---	---
SeE: SCHAMBER LOAM, 6 TO 25 PERCENT SLOPES	KYLE	No	---	---	---	---	---
	MCKENZIE	Yes	pothole	2B3,3	YES	NO	YES
	SCHAMBER	No	---	---	---	---	---
	BIDMAN	No	---	---	---	---	---
Sg: SHALE LAND	REDIG	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	Unranked	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	MIDWAY	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	RAZOR	No	---	---	---	---	---
	STETTER	No	---	---	---	---	---
ShF: SHALE LAND-GRUMMIT COMPLEX, 15 TO 45 PERCENT SLOPES	WASA	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	Unranked	---	---	---	---	---
	GRUMMIT GRANER	No	---	---	---	---	---
SkB: SLICKSPOTS-DEMAR COMPLEX, 0 TO 6 PERCENT SLOPES	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	DEMAR	No	---	---	---	---	---
SlB: SLICKSPOTS-WASA COMPLEX, 0 TO 6 PERCENT SLOPES	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	WASA	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	SAGE	Yes	flood plain	2B3	YES	NO	NO
	EGAS	Yes	flood plain	2B3	YES	NO	NO

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
SmE: SNOMO-SHALE LAND COMPLEX, 3 TO 25 PERCENT SLOPES	SNOMO	No	---	---	---	---	---
	ROCK OUTCROP, SOFT GRANER	Unranked	---	---	---	---	---
	GRUMMIT	No	---	---	---	---	---
	KYLE	No	---	---	---	---	---
	LOHMILLER VARIANT	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SorB: SORUM FINE SANDY LOAM, 0 TO 6 PERCENT SLOPES	SORUM	No	---	---	---	---
Sr: STETTER CLAY	ARCHIN	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	CHINOOK	No	---	---	---	---	---
	PARSHALL	No	---	---	---	---	---
Ss: STETTER CLAY, CHANNELED	STETTER	No	---	---	---	---	---
	SAGE HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
St: LISMAS CLAY, 12 TO 45 PERCENT SLOPES, STONY	STETTER	No	---	---	---	---	---
	SAGE HERDCAMP	Yes	flood plain	2B3,4	YES	YES	NO
SuA: SWANBOY CLAY, 0 TO 3 PERCENT SLOPES	LISMAS	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	CABBART	No	---	---	---	---	---
	PIERRE	No	---	---	---	---	---
	SCROGGIN	No	---	---	---	---	---
	WASA WINLER	No	---	---	---	---	---
Sv: SWANBOY-SLICKSPOTS COMPLEX	SWANBOY	No	---	---	---	---	---
	HISLE	No	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
Sv: SWANBOY-SLICKSPOTS COMPLEX	SWANBOY	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	ARVADA	No	---	---	---	---	---
	STETTER	No	---	---	---	---	---
	SAGE	Yes	flood plain	2B3	YES	NO	NO

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
Te: LISMAS-SHALE OUTCROP COMPLEX, 25 TO 50 PERCENT SLOPES	LISMAS	No	---	---	---	---	---
	ROCK OUTCROP, SOFT	Unranked	---	---	---	---	---
	DIX	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	MAWER	No	---	---	---	---	---
TfD: TWILIGHT FINE SANDY LOAM, 3 TO 25 PERCENT SLOPES	TWILIGHT	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	PARSHALL	No	---	---	---	---	---
TgC: TWILIGHT-ASSINNIBOINE FINE SANDY LOAMS, 3 TO 9 PERCENT SLOPES	TWILIGHT	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	ARCHIN	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	CABBART	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	PARSHALL	No	---	---	---	---	---
ThD: TWILIGHT-BLACKHALL FINE SANDY LOAMS, 6 TO 18 PERCENT SLOPES	TWILIGHT	No	---	---	---	---	---
	BLACKHALL	No	---	---	---	---	---
	ABSHER	No	---	---	---	---	---
	ASSINNIBOINE	No	---	---	---	---	---
	CABBART	No	---	---	---	---	---
	LOBURN	No	---	---	---	---	---
	PARSHALL	No	---	---	---	---	---
ToB: TWOTOP CLAY, 0 TO 9 PERCENT SLOPES	TWOTOP	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
VaA: VALE SILT LOAM, 0 TO 2 PERCENT SLOPES	WINLER	No	---	---	---	---	---
	VALE	No	---	---	---	---	---
	NEVEE	No	---	---	---	---	---
w: WATER < 40 ACRES	TILFORD	No	---	---	---	---	---
	WATER (LESS THAN 40 ACRES)	Unranked	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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
WaB: WASA-SLICKSPOTS COMPLEX, 0 TO 6 PERCENT SLOPES	WASA	No	---	---	---	---	---
	SLICKSPOTS, DRY	Unranked	---	---	---	---	---
	WINLER	No	---	---	---	---	---
WhA: WHITELAKE FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	WHITELAKE	No	---	---	---	---	---
	ALTVAN	No	---	---	---	---	---
	DIX	No	---	---	---	---	---
	MAWER	No	---	---	---	---	---
WnB: WINLER CLAY, 0 TO 9 PERCENT SLOPES	WINLER	No	---	---	---	---	---
	LISMAS	No	---	---	---	---	---
	SAGE	Yes	flood plain	2B3	YES	NO	NO
	STETTER	No	---	---	---	---	---
	SWANBOY	No	---	---	---	---	---
	TWOTOP	No	---	---	---	---	---
	WASA	No	---	---	---	---	---
ww: WATER > 40 ACRES	WATER (GREATER THAN 40 ACRES)	Unranked	---	---	---	---	---
ZeB: ZEONA LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	ZEONA	No	---	---	---	---	---
	ARCHIN SLICKSPOTS, DRY	No Unranked	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Butte County, South Dakota

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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

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use an 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.

1. All Histosols except Folists, or
2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
 - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
 - b. poorly drained or very poorly drained and have either:
 - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils
 - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or
 - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
4. Soils that are frequently flooded for long duration or very long duration during the growing season.

