HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Ab:							
ABERDEEN-NAHON SILTY CLAY LOAMS	ABERDEEN	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	EXLINE	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Ac:							
ABERDEEN-NAHON SILTY CLAY LOAMS, SANDY SUBSTRATUM	ABERDEEN	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	EXLINE	No	---	---	---	---	---
	HARMONY VARIANT	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Ad:							
ABERDEEN-URBAN LAND COMPLEX	ABERDEEN	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	DOVRAY	Yes	pothole	2B3,3	YES	NO	YES
	EXLINE	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Ar:							
ARVESON FINE SANDY LOAM	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	EMBDEN	No	---	---	---	---	---
	HECLA	No	---	---	---	---	---
	STIRUM	Yes	flood plain	3,2B3	YES	NO	YES
	ULEN	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
BaD:							
BARNES-BUSE LOAMS, 6 TO 15 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	EGELAND	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BbC:							
BARNES-BUSE-SVEA LOAMS, 1 TO 9 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
BcA:							
BARNES-CAVOUR LOAMS, 0 TO 3 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	HAMERLY	No	---	---	---	---	---
BcB:							
BARNES-CAVOUR LOAMS, 3 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	HAMERLY	No	---	---	---	---	---
BdA:							
BARNES-CRESBARD-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	CAVOUR	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	SVEA	No	---	---	---	---	---
BdB:							
BARNES-CRESBARD-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	CAVOUR	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	SVEA	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
BeA:							
BARNES-FERNEY-TONKA COMPLEX, 0 TO 4 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	FERNEY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	BUSE	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	SVEA	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
BfA:							
BARNES-HAMERLY-TONKA COMPLEX	BARNES	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	SVEA	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
BgC:							
BARNES-KRANZBURG-BUSE COMPLEX, 5 TO 9 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	KRANZBURG	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	BROOKINGS	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
BhA:							
BARNES-SVEA LOAMS, 0 TO 3 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BhB:							
BARNES-SVEA LOAMS, 1 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BkA:							
BARNES-SVEA-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	CAVOUR	No	---	---	---	---	---
BkB:							
BARNES-SVEA-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
BmB:							
BARNES-TALLY COMPLEX, 2 TO 6 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	LETCHER	No	---	---	---	---	---
	NOONAN	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BnA:							
BARNES-URBAN LAND COMPLEX, 0 TO 3 PERCENT SLOPES	BARNES	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Bo:							
BEARDEN SILT LOAM	BEARDEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	COLVIN	Yes	flood plain	2B3	YES	NO	NO
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Bp:							
BEARDEN SILT LOAM, SALINE	BEARDEN	No	---	---	---	---	---
	COLVIN	Yes	flood plain	2B3	YES	NO	NO
BrB:							
BEARDEN-HUFFTON SILT LOAMS, 1 TO 6 PERCENT SLOPES	BEARDEN	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	GREAT BEND	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
BsB:							
BEARDEN-HUFFTON-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	BEARDEN	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	WINSHIP	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Bt:							
BEOTIA SILT LOAM, 0 TO 2 PERCENT SLOPES	BEOTIA	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	WINSHIP	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Bv:							
BEOTIA-RONDELL SILT LOAMS, 0 TO 3 PERCENT SLOPES	BEOTIA	No	---	---	---	---	---
	RONDELL	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	WINSHIP	No	---	---	---	---	---
Bw:							
BEOTIA-URBAN LAND COMPLEX, 0 TO 2 PERCENT SLOPES	BEOTIA	No	---	---	---	---	---
	URBAN LAND	Unranked	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	WINSHIP	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Bx:							
BEOTIA-WINSHIP SILT LOAMS	BEOTIA	No	---	---	---	---	---
	WINSHIP	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	GREAT BEND	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
By:							
BORUP SILT LOAM	BORUP	Yes	flood plain	2B3	YES	NO	NO
	GLYNDON	No	---	---	---	---	---
	STIRUM	Yes	flood plain	3,2B3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---
Bz:							
BORUP SILT LOAM, SALINE	BORUP	Yes	flood plain	2B3	YES	NO	NO
	GLYNDON	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---
BzGA:							
BRANTFORD VARIANT LOAM, 0 TO 2 PERCENT SLOPES	BRANTFORD VARIANT	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	RANSLO	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
BzHB:							
BRANTFORD VARIANT-VANG LOAMS, 2 TO 6 PERCENT SLOPES	BRANTFORD VARIANT	No	---	---	---	---	---
	VANG	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	RANSLO	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
BzVE:							
BUSE-BARNES LOAMS, 9 TO 25 PERCENT SLOPES	BUSE	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	WABEK VARIANT	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Ca:							
CAMTOWN-TURTON FINE SANDY LOAMS, SOMEWHAT POORLY DRAINED	CAMTOWN	No	---	---	---	---	---
	TURTON	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	EGELAND	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Cb:							
CAMTOWN-TURTON LOAMS	CAMTOWN	No	---	---	---	---	---
	TURTON	No	---	---	---	---	---
	EGELAND	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Cd:							
CAVOUR-CRESBARD LOAMS	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	FERNEY	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
Cf:							
CAVOUR-FERNEY COMPLEX	CAVOUR	No	---	---	---	---	---
	FERNEY	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HEIL	Yes	pothole	3,2B3	YES	NO	YES
Cm:							
COLVIN FINE SANDY LOAM, SALINE	COLVIN	Yes	flood plain	2B3	YES	NO	NO
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	ULEN	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
Cn:							
COLVIN SILTY CLAY LOAM	COLVIN	Yes	flood plain	2B3	YES	NO	NO
	BEARDEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
Cp:							
COLVIN SILTY CLAY LOAM, PONDED	COLVIN	Yes	pothole	2B3,3	YES	NO	YES
	BEARDEN	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
Cs:							
COLVIN SILTY CLAY LOAM, SALINE	COLVIN	Yes	flood plain	2B3,4	YES	YES	NO
	BEARDEN	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Cv:							
CRESBARD-CAVOUR LOAMS	CRESBARD	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	FERNEY	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
DaA:							
DAGLUM-RHOADES LOAMS, 0 TO 4 PERCENT SLOPES	DAGLUM	No	---	---	---	---	---
	RHOADES	No	---	---	---	---	---
	BRANTFORD VARIANT	No	---	---	---	---	---
	EDGELEY	No	---	---	---	---	---
	KLOTEN	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
Do:							
DOVRAY SILTY CLAY	DOVRAY	Yes	pothole	2B3,3	YES	NO	YES
	COLVIN	Yes	flood plain	2B3	YES	NO	NO
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Dv:							
DOVRAY VARIANT SILTY CLAY	DOVRAY VARIANT	No	---	---	---	---	---
	HARMONY VARIANT	No	---	---	---	---	---
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	RYAN	Yes	flood plain	3,2B3	YES	NO	YES
EcA:							
ECKMAN VERY FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	ECKMAN	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
EdB:							
ECKMAN-GARDENA VERY FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	ECKMAN	No	---	---	---	---	---
	GARDENA	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
EeB:							
ECKMAN-ZELL VERY FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	ECKMAN	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
EgB:							
EDGELEY-KLOTEN COMPLEX, 1 TO 6 PERCENT SLOPES	EDGELEY	No	---	---	---	---	---
	KLOTEN	No	---	---	---	---	---
	VIDA	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	ZAHL	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
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Brown County, South Dakota

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria
EhA:							
EGELAND FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	EGELAND	No	---	---	---	---	---
	SWENODA	No	---	---	---	---	---
	TIFFANY	Yes	pothole	2B3,3	YES	NO	YES
EkB:							
EGELAND-EMBDEN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	EGELAND	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	ECKMAN	No	---	---	---	---	---
	GARDENA	No	---	---	---	---	---
	TIFFANY	Yes	pothole	2B3,3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---
Em:							
EMBDEN FINE SANDY LOAM	EMBDEN	No	---	---	---	---	---
	TIFFANY	Yes	pothole	3,2B3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---
Et:							
EMBDEN-TIFFANY FINE SANDY LOAMS	EMBDEN	No	---	---	---	---	---
	TIFFANY	Yes	pothole	2B3,3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---
	ECKMAN	No	---	---	---	---	---
	GARDENA	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
Ex:							
EXLINE-ABERDEEN-NAHON SILT LOAMS	EXLINE	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
EyA:							
EXLINE-PUTNEY SILT LOAMS, 1 TO 4 PERCENT SLOPES	EXLINE	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	GREAT BEND	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	HEIL	Yes	pothole	3,2B3	YES	NO	YES
Fe:							
FERNEY-HEIL COMPLEX	FERNEY	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	NOONAN	No	---	---	---	---	---
Fo:							
FORDVILLE LOAM	FORDVILLE	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
FsA:							
FORMAN-AASTAD LOAMS, 0 TO 3 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
FsB:							
FORMAN-AASTAD LOAMS, 1 TO 6 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
FtC:							
FORMAN-BUSE-AASTAD LOAMS, 2 TO 9 PERCENT SLOPES	FORMAN	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	AASTAD	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Fy:							
FOSSUM FINE SANDY LOAM	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	ULEN	No	---	---	---	---	---
Ga:							
GARDENA VERY FINE SANDY LOAM	GARDENA	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Gc:							
GARDENA-GLYNDON SILT LOAMS	GARDENA	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	EMBDEN	No	---	---	---	---	---
Gh:							
GARDENA-TURTON VERY FINE SANDY LOAMS	GARDENA	No	---	---	---	---	---
	TURTON	No	---	---	---	---	---
	CAMTOWN	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	STIRUM	Yes	flood plain	3,2B3	YES	NO	YES
	TURTON VARIANT	No	---	---	---	---	---
Gm:							
GLYNDON SILT LOAM	GLYNDON	No	---	---	---	---	---
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	GARDENA	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Gn:							
GLYNDON SILT LOAM, SALINE	GLYNDON	No	---	---	---	---	---
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	GARDENA	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
GrA:							
GREAT BEND SILT LOAM, 0 TO 2 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
GsB:							
GREAT BEND-BEOTIA SILT LOAMS, 2 TO 6 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
GtA:							
GREAT BEND-PUTNEY SILT LOAMS, 0 TO 2 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
GyB:							
GREAT BEND-ZELL SILT LOAMS, 2 TO 6 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
GyC:							
GREAT BEND-ZELL SILT LOAMS, 4 TO 9 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
GzC:							
GREAT BEND-ZELL-HUFFTON SILT LOAMS, 4 TO 9 PERCENT SLOPES	GREAT BEND	No	---	---	---	---	---
	ZELL	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Ha:							
HAMAR LOAMY FINE SAND	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	HECLA	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---
Hc:							
HAMERLY LOAM	HAMERLY	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	WILLIAMS	No	---	---	---	---	---
Hd:							
HAMERLY LOAM, SALINE	HAMERLY	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	SVEA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Hf:							
HAMERLY-TONKA COMPLEX	HAMERLY	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	BARNES	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	SVEA	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Hh:							
HAMERLY-VALLERS LOAMS	HAMERLY	No	---	---	---	---	---
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Hm:							
HARMONY VARIANT CLAY LOAM	HARMONY VARIANT	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	SPOTTSWOOD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Hn:							
HARMONY-ABERDEEN SILTY CLAY LOAMS	HARMONY	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	EXLINE	No	---	---	---	---	---
	NAHON	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
Hp:							
HARMONY-BEOTIA SILT LOAMS	HARMONY	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	WINSHIP	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Hr:							
HARRIET LOAM	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	RANSLO	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
HtB:							
HECLA-HAMAR LOAMY FINE SANDS, 0 TO 6 PERCENT SLOPES	HECLA	No	---	---	---	---	---
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	MADDOCK	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
Hx:							
HEIL SILT LOAM	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Ka:							
KOTO LOAM	KOTO	Yes	flood plain	2B3	YES	NO	NO
	HAMERLY	No	---	---	---	---	---
	LETCHER	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Kh:							
KOTO-HARRIET LOAMS	KOTO	Yes	flood plain	2B3	YES	NO	NO
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	LETCHER	No	---	---	---	---	---
	MIRANDA	No	---	---	---	---	---
KkA:							
KRANZBURG-BROOKINGS SILT LOAMS, 0 TO 2 PERCENT SLOPES	KRANZBURG	No	---	---	---	---	---
	BROOKINGS	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
KrB:							
KRANZBURG-BROOKINGS-BUSE COMPLEX, 1 TO 6 PERCENT SLOPES	KRANZBURG	No	---	---	---	---	---
	BROOKINGS	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	BARNES	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	PEEVER	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Kt:							
KRATKA LOAMY FINE SAND	KRATKA	Yes	flood plain	2B2	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	HECLA	No	---	---	---	---	---
	TOWNER	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---
La:							
LADELLE SILT LOAM	LADELLE	No	---	---	---	---	---
	LAMOURE	No	flood plain	2A	YES	NO	NO
	RANSLO	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
Lc:							
LADELLE SILT LOAM, CHANNELED	LADELLE	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	RANSLO	No	---	---	---	---	---
Le:							
LAMOURE SILTY CLAY LOAM	LAMOURE	No	flood plain	2A	YES	NO	NO
	LADELLE	No	---	---	---	---	---
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Lg:							
LA PRAIRIE LOAM	LA PRAIRIE	No	---	---	---	---	---
	BRANTFORD VARIANT	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	RANSLO	No	---	---	---	---	---
Lh:							
LA PRAIRIE-HARRIET LOAMS	LA PRAIRIE	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	EDGELEY	No	---	---	---	---	---
	LAMOURE	No	flood plain	2A	YES	NO	NO
	RANSLO	No	---	---	---	---	---
Lm:							
LETCHER-EMBDEN-MIRANDA COMPLEX	LETCHER	No	---	---	---	---	---
	MIRANDA	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	KOTO	Yes	flood plain	2B3	YES	NO	NO
	NIOBELL	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
Lu:							
LUDDEN SILTY CLAY	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	LAMOURE	No	flood plain	2A	YES	NO	NO
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Lw:							
LUDDEN SILTY CLAY, PONDED	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	COLVIN	Yes	flood plain	2B3	YES	NO	NO
Lx:							
LUDDEN-LUDDEN, SALINE SILTY CLAYS	LUDDEN	Yes	flood plain	4,2B3,3	YES	YES	YES
	LUDDEN	Yes	flood plain	2B3,4	YES	YES	NO
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO

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HYDRIC SOILS LIST
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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
Lz:							
LUDDEN SILTY CLAY, PONDED-WATER COMPLEX	LUDDEN	Yes	flood plain	4,2B3,3	YES	YES	YES
	WATER (LESS THAN 40 ACRES)	Unranked	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	HECLA	No	---	---	---	---	---
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
M-W:							
MISCELLANEOUS WATER	MISCELLANEOUS WATER	---	---	---	---	---	---
MaB:							
MADDOCK-HECLA-HAMAR LOAMY FINE SANDS, 2 TO 8 PERCENT SLOPES	MADDOCK	No	---	---	---	---	---
	HECLA	No	---	---	---	---	---
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	ULEN	No	---	---	---	---	---
	VENLO	Yes	flood plain	2B2	YES	NO	NO
Na:							
NAHON-ABERDEEN-EXLINE SILT LOAMS	NAHON	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	EXLINE	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
Nc:							
NAHON-ABERDEEN-EXLINE SILTY CLAY LOAMS, SANDY SUBSTRATUM	NAHON	No	---	---	---	---	---
	ABERDEEN	No	---	---	---	---	---
	EXLINE	No	---	---	---	---	---
	HARMONY VARIANT	No	---	---	---	---	---
	TIFFANY VARIANT	Yes	pothole	2B3,3	YES	NO	YES
NeA:							
NIOBELL-NOONAN-WILLIAMS LOAMS, 1 TO 4 PERCENT SLOPES	NIOBELL	No	---	---	---	---	---
	NOONAN	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	MIRANDA	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
Ng:							
NISHON SILT LOAM	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	MIRANDA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

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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
Nh:							
NISHON-HEIL SILT LOAMS	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	HEIL	Yes	pothole	2B3,3	YES	NO	YES
	MIRANDA	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
No:							
NOONAN-NIOBELL-MIRANDA LOAMS	NOONAN	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	MIRANDA	No	---	---	---	---	---
	HEIL	Yes	pothole	3,2B3	YES	NO	YES
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	WILLIAMS	No	---	---	---	---	---
Og:							
ORTHENTS, GRAVELLY	ORTHENTS, LOAMY	Unranked	---	---	---	---	---
Ot:							
ORTHENTS, LOAMY	ORTHENTS, LOAMY	Unranked	---	---	---	---	---
Pa:							
PARNELL SILTY CLAY LOAM	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
Pc:							
PARNELL SILTY CLAY LOAM, PONDED	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	VALLERS	Yes	flood plain	2B3	YES	NO	NO
PeA:							
PEEVER CLAY LOAM, 0 TO 2 PERCENT SLOPES	PEEVER	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
PfB:							
PEEVER-BUSE CLAY LOAMS, 1 TO 4 PERCENT SLOPES	PEEVER	No	---	---	---	---	---
	BUSE	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	FERNEY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
Pg:							
PITS, GRAVEL	ORTHENTS, GRAVELLY	Unranked	---	---	---	---	---
	WABEK VARIANT	No	---	---	---	---	---
Pm:							
PLAYMOOR SILTY CLAY LOAM	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
	LADELLE	No	---	---	---	---	---
	LAMOURE	No	flood plain	2A	YES	NO	NO
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	RYAN	Yes	flood plain	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Pr:							
PLAYMOOR-LAMOURE SILTY CLAY LOAMS, CHANNELED	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	DOVRAY	Yes	pothole	2B3,3	YES	NO	YES
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	LADELLE	No	---	---	---	---	---
Ra:							
RANSLO SILTY CLAY LOAM	RANSLO	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	LADELLE	No	---	---	---	---	---
	LUDDEN	Yes	flood plain	2B3,4,3	YES	YES	YES
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
Rc:							
RANSLO-HARRIET LOAMS	RANSLO	No	---	---	---	---	---
	HARRIET	Yes	flood plain	2B3	YES	NO	NO
	MIRANDA	No	---	---	---	---	---
	BRANTFORD VARIANT	No	---	---	---	---	---
RfA:							
RENSHAW-FORDVILLE LOAMS, 0 TO 2 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	SPOTTSWOOD	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
RfB:							
RENSHAW-FORDVILLE LOAMS, 2 TO 6 PERCENT SLOPES	RENSHAW	No	---	---	---	---	---
	FORDVILLE	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	SPOTTSWOOD	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
Ry:							
RYAN-LUDDEN COMPLEX	RYAN	Yes	flood plain	2B3,3	YES	NO	YES
	LUDDEN	Yes	flood plain	2B3,3,4	YES	YES	YES
	LAMOURE	Yes	flood plain	2B3	YES	NO	NO
	PLAYMOOR	Yes	flood plain	2B3	YES	NO	NO
SaD:							
SERDEN FINE SAND, 6 TO 15 PERCENT SLOPES	SERDEN	No	---	---	---	---	---
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	HECLA	No	---	---	---	---	---
	MADDOCK	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---
	VENLO	Yes	flood plain	2B2	YES	NO	NO
ScB:							
SERDEN-HAMAR-VENLO LOAMY FINE SANDS, 0 TO 6 PERCENT SLOPES	SERDEN	No	---	---	---	---	---
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	VENLO	Yes	flood plain	2B2	YES	NO	NO
	HECLA	No	---	---	---	---	---
	MADDOCK	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Sd:							
SLICKSPOTS	SLICKSPOTS, LOAMY	Unranked	---	---	---	---	---
Sf:							
SPOTTSWOOD-DIVIDE LOAMS, 0 TO 2 PERCENT SLOPES	SPOTTSWOOD	No	---	---	---	---	---
	DIVIDE	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	HARMONY VARIANT	No	---	---	---	---	---
	MARYSLAND	Yes	flood plain	2B3	YES	NO	NO
Sh:							
STIRUM FINE SANDY LOAM	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	STIRUM VARIANT	Yes	flood plain	2B3,3	YES	NO	YES
	ULEN	No	---	---	---	---	---
Sn:							
STIRUM-STIRUM VARIANT LOAMS	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	STIRUM VARIANT	Yes	flood plain	2B3,3	YES	NO	YES
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	ULEN	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
SoA:							
SWENODA FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	EGELAND	No	---	---	---	---	---
	HECLA	No	---	---	---	---	---
	TIFFANY VARIANT	Yes	pothole	3,2B3	YES	NO	YES
	TOWNER	No	---	---	---	---	---
StB:							
SWENODA-EMBDEN FINE SANDY LOAMS, 2 TO 6 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	HECLA	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	TIFFANY VARIANT	Yes	pothole	2B3,3	YES	NO	YES
	TOWNER	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
SvA:							
SWENODA-TIFFANY VARIANT FINE SANDY LOAMS, 0 TO 3 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	TIFFANY VARIANT	Yes	pothole	2B3,3	YES	NO	YES
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	WYNDMERE	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
SwA:							
SWENODA-TURTON COMPLEX, 0 TO 3 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	TURTON	No	---	---	---	---	---
	CAMTOWN	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TURTON VARIANT	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
	KOTO	Yes	flood plain	2B3	YES	NO	NO
SxA:							
SWENODA-TURTON VARIANT COMPLEX, 0 TO 3 PERCENT SLOPES	SWENODA	No	---	---	---	---	---
	TURTON VARIANT	No	---	---	---	---	---
	CAMTOWN	No	---	---	---	---	---
	GLYNDON	No	---	---	---	---	---
	TURTON	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
	KOTO	Yes	flood plain	2B3	YES	NO	NO
TaB:							
TALLY FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	TALLY	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	LETCHER	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NOONAN	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
TeB:							
TALLY-LETCHER FINE SANDY LOAMS, 1 TO 6 PERCENT SLOPES	TALLY	No	---	---	---	---	---
	LETCHER	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
Tk:							
TONKA SILT LOAM	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	BEARDEN	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
Tn:							
TONKA-NISHON SILT LOAMS	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	HAMERLY	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Tr:							
TOWNER-HECLA LOAMY FINE SANDS	TOWNER	No	---	---	---	---	---
	HECLA	No	---	---	---	---	---
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	KRATKA	Yes	flood plain	2B2	YES	NO	NO
	MADDOCK	No	---	---	---	---	---
	ULEN	No	---	---	---	---	---
Tv:							
TURTON-TURTON VARIANT COMPLEX	TURTON	No	---	---	---	---	---
	TURTON VARIANT	No	---	---	---	---	---
	CAMTOWN	No	---	---	---	---	---
	GARDENA	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	SWENODA	No	---	---	---	---	---
	WYNDMERE	No	---	---	---	---	---
Un:							
ULEN FINE SANDY LOAM	ULEN	No	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	FOSSUM	Yes	flood plain	2B3	YES	NO	NO
	HAMAR	Yes	flood plain	2B3	YES	NO	NO
	HECLA	No	---	---	---	---	---
Us:							
ULEN-STIRUM FINE SANDY LOAMS	ULEN	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	BORUP	Yes	flood plain	2B3	YES	NO	NO
Va:							
VALLERS CLAY LOAM	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	HAMERLY	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
Vs:							
VALLERS LOAM, SALINE	VALLERS	Yes	flood plain	2B3	YES	NO	NO
	HAMERLY	No	---	---	---	---	---
	PARNELL	Yes	pothole	2B3,3	YES	NO	YES
VzC:							
VIDA-ZAHL LOAMS, 6 TO 15 PERCENT SLOPES	VIDA	No	---	---	---	---	---
	ZAHL	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	WABEK VARIANT	No	---	---	---	---	---
VzE:							
VIDA-ZAHL LOAMS, 9 TO 25 PERCENT SLOPES	VIDA	No	---	---	---	---	---
	ZAHL	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	WABEK VARIANT	No	---	---	---	---	---
W:							
WATER	WATER	Unranked	---	---	---	---	---

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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:							
WILLIAMS LOAM, 2 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
WbA:							
WILLIAMS-BOWBELLS LOAMS, 0 TO 3 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
WbB:							
WILLIAMS-BOWBELLS LOAMS, 1 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	ZAHL	No	---	---	---	---	---
WdA:							
WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	CRESBARD	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
	NOONAN	No	---	---	---	---	---
WdB:							
WILLIAMS-BOWBELLS-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	CRESBARD	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	NOONAN	No	---	---	---	---	---
	RENSHAW	No	---	---	---	---	---
WfA:							
WILLIAMS-CAVOUR LOAMS, 0 TO 3 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
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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
WfB:							
WILLIAMS-CAVOUR LOAMS, 3 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	ZAHL	No	---	---	---	---	---
WhA:							
WILLIAMS-CRESBARD-TONKA COMPLEX, 0 TO 3 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	BOWBELLS	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	3,2B3	YES	NO	YES
WhB:							
WILLIAMS-CRESBARD-TONKA COMPLEX, 0 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	BOWBELLS	No	---	---	---	---	---
	CAVOUR	No	---	---	---	---	---
	HAMERLY	No	---	---	---	---	---
	NISHON	Yes	pothole	2B3,3	YES	NO	YES
	ZAHL	No	---	---	---	---	---
WnB:							
WILLIAMS-NIOBELL LOAMS, 1 TO 6 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	NIOBELL	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	MIRANDA	No	---	---	---	---	---
	NOONAN	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
WrD:							
WILLIAMS-VIDA LOAMS, 6 TO 15 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	VIDA	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
	WABEK VARIANT	No	---	---	---	---	---
	ZAHL	No	---	---	---	---	---
WsC:							
WILLIAMS-ZAHL-BOWBELLS LOAMS, 1 TO 9 PERCENT SLOPES	WILLIAMS	No	---	---	---	---	---
	ZAHL	No	---	---	---	---	---
	BOWBELLS	No	---	---	---	---	---
	CRESBARD	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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
Wt:							
WINSHIP-TONKA SILT LOAMS	WINSHIP	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
	ABERDEEN	No	---	---	---	---	---
	BEARDEN	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	HARMONY	No	---	---	---	---	---
Wy:							
WYNDMERE FINE SANDY LOAM	WYNDMERE	No	---	---	---	---	---
	ARVESON	Yes	flood plain	2B3	YES	NO	NO
	EMBDEN	No	---	---	---	---	---
	TIFFANY	Yes	pothole	2B3,3	YES	NO	YES
Wz:							
WYNDMERE-STIRUM FINE SANDY LOAMS	WYNDMERE	No	---	---	---	---	---
	STIRUM	Yes	flood plain	2B3,3	YES	NO	YES
	BORUP	Yes	flood plain	2B3	YES	NO	NO
	STIRUM VARIANT	Yes	flood plain	3,2B3	YES	NO	YES
ZaD:							
ZAHL-EMBDEN-WABEK VARIANT COMPLEX, 3 TO 15 PERCENT SLOPES	ZAHL	No	---	---	---	---	---
	EMBDEN	No	---	---	---	---	---
	WABEK VARIANT	No	---	---	---	---	---
	VIDA	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES
ZdE:							
ZAHL-KLOTEN-EDGELEY COMPLEX, 9 TO 35 PERCENT SLOPES	ZAHL	No	---	---	---	---	---
	KLOTEN	No	---	---	---	---	---
	EDGELEY	No	---	---	---	---	---
	BRANTFORD VARIANT	No	---	---	---	---	---
	TALLY	No	---	---	---	---	---
	VIDA	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
ZeA:							
ZELL SILT LOAM, 0 TO 2 PERCENT SLOPES	ZELL	No	---	---	---	---	---
	GREAT BEND	No	---	---	---	---	---
	PUTNEY	No	---	---	---	---	---
	WILLIAMS	No	---	---	---	---	---
	TONKA	Yes	pothole	3,2B3	YES	NO	YES
ZgD:							
ZELL-GREAT BEND SILT LOAMS, 6 TO 25 PERCENT SLOPES	ZELL	No	---	---	---	---	---
	GREAT BEND	No	---	---	---	---	---
	HUFFTON	No	---	---	---	---	---
	BEOTIA	No	---	---	---	---	---
	TONKA	Yes	pothole	2B3,3	YES	NO	YES

HYDRIC SOIL INTERPRETATIONS
HYDRIC SOILS LIST
Brown 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 todetermine 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

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.